

SCIENTIFIC PROGRAMME OF ICCESEN-2019

23 October 2019-Wednesday

11.00-12.30	REGISTRATION-CHECK IN
12.30-14.00	LUNCH
14.00-16.30	REGISTRATION-CHECK IN
19.30	DINNER

24 October 2019-Thursday

10.30-10.45	Room 1: Opening Ceremony			
10.45-11.45	Chair: Prof.Dr. Ravindra NUGGEHALLI--New Jersey Institute of Technology-USA			
	Invited Speaker 1: Prof.Dr. Mansour H. ALMATARNEH-- University of Jordan-JORDAN <i>“Computational Study of the Ozonolysis Reaction through Criegee Mechanism and Dissociation of Secondary Ozonide”</i> Invited Speaker 2: Prof.Dr.Madjid FATHI---Department of EECs University of Siegen-Germany <i>“Unearthing the potential of smart health care applications – A digital transformation”</i>			
11.45-12.15	Group Photo and COFFE BREAK (Poster Session)			
12.15-14.00	LUNCH (Poster Session)			
Session 1 14.00-16.00	Room 1 (Theme 5)	Room 2 (Theme 2)	Room 3 (Theme 3)	Room 4 (Theme 4)
	Session chair: Prof.Dr Sufian Abedrabbo	Session chair: Dr.Salah Mokhnache	Session chair: Dr. Assia Boukezzata	Session chair: Dr. Li Wei
	Abstract # 3-5-7-55-23-24-201	Abstract # 154-195-390-480-484-485-486	Abstract # 4-28-29-43-70-83-116	Abstract # 2-68-73-82-181-190-198-204
16.00-16.15	COFFE BREAK (Poster Session)			
Session 2 16.15-18.15	Room 5 (Theme 5)	Room 2 (Theme 9)	Room 3 (Theme 3)	Room 4 (Theme 4)
	Session chair: Prof.Dr Mustafa Gunal	Session chair: Dr. Nde Che	Session chair: Dr. Jolita Jablonskiene	Session chair: Dr. Xinyu Zhong
	Abstract # 45-55-106-107-111-129-145-165	Abstract # 137-183-280-312-452	Abstract # 153-161-179-180-182-229-230-238-250	Abstract # 249-294-388-488-489

POSTERS LIST

Theme 1: 93-119-120-125-156-162-163-205-212-221-232-351

Theme 2: 103-269-270

Theme 3: 56-71-75-80-81-94-96-101-102-117-143-150-171-213

Theme 4: 40-41-64-57-95-217-227-231-257-292-363-364

Theme 5: 13-15-19-48-50-67-78-89-90-99-114-115-121-130-152-172-444

Theme 6: 30-31-32-35-37-53-61-66-88-104-287-297

Theme 7:76-97-105-131-133-134-135-

25 October 2019-Friday

	Room 1:			
	Chair: Prof.Dr.Madjid FATHI--Department of EECS University of Siegen-Germany			
10.00-11.00	Invited Speaker 3: Prof.Dr. Norani Muti Binti MOHAMED--University Teknologi Petronas-MALAYSIA “Nanotechnology for Clean and Sustainable Energy Production” Invited Speaker 4: Prof.Dr. Sheikh A. AKBAR-- The Ohio State University (OSU), Columbus, OH USA “Ceramic Nano-heterostructures by Materials Design: Platforms for Sensing, Catalysis and Biomedical Applications” Invited Speaker 5: Prof.Dr. Ravindra NUGGEHALLI--New Jersey Institute of Technology-USA “Thermal Radiative Properties of Materials – Fundamentals, Examples & Applications” Invited Speaker 6: Prof.Dr. Amir HUSSAIN-- Edinburg Napier University, UK “Cognitive Big Data for Science Applications”			
11.00-11.15	COFFE BREAK (Poster Session)			
Session 4 11.15-12.15	Room 1 (Theme 5)	Room 2 (Theme 10)	Room 3 (Theme 3)	Room 4 (Theme 6)
	Session chair: Dr. Atilla Evcin	Session chair: Dr.Soumia Zouambia	Session chair: Prof.Dr. Bulent Gultekin Akinoglu	Session chair: Dr. Fadila Mezrag
	Abstract # 160-166-170-177-178-199-471	Abstract # 18-329-357-369-455-475	Abstract # 265-289-308-328-334-461-462	Abstract # 214-225- 259-261-138
12.15-14.15	LUNCH (Poster Session)			
Session 5 14.15-16.00	Room 1 (Theme 5)	Room 2 (Theme 5)	Room 3 (Theme 7)	Room 4 (Theme 6)
	Session chair: Dr. Nabi Ibadov	Session chair: Prof.Dr. Abdelmadjid Recioui	Sessionchair: Dr. Mazhar Al Zoubi	Session chair: Dr. Naim Sylva
	Abstract # 200-240-241-244	Abstract # 286-288-301-318-335	Abstract # 46-132-216-278-284-302-339-449-490	Abstract # 264-290-291-305- 306-347-348-124-139
16.00-16.15	COFFE BREAK (Poster Session)			
Session 6 16.30-18.00	Room 1 (Theme 5)	Room 2 (Theme 5)	Room 3 (Theme 1)	Room 4 (Theme 6)
	Session chair: Prof. Dr. Fatma Zohra Dekhandji	Session chair: Dr. Zeynep Parlar	Sessionchair: Dr. Skender Kabashi	Session chair: Dr. Benmebarek Sabrina
	Abstract # 253- 272-276-282-283	Abstract # 275-367-383-401-429-445	Abstract # 72-84-85-247-300-336-393-466-472-476-478-482	Abstract # 21-365-366-379-381-382-387-108
19.30	GALA DINNER			

POSTERS LIST

Theme 1: -370-375-376-414-418-456-457-464

Theme 3: -186-193-197-239-248-263-266-267-268-295-298-299-307-342-409-435-483

Theme 5: 226-243-333-337-341-343-394-

Theme 6: 98-109-112-118-122-123-126-127-140-146-148-158-167-168-174-176-187-191-194

Theme 7: 136-192-196-202-277-281-296-373-386

Theme 8: 20-434

Theme 9: 279

Theme 10: 86-87-274-320-321-322-352-357-359-463-468

26 October 2019-Saturday

	Room 1:			
	Chair: Prof.Dr. Mansour H. ALMATARNEH-- University of Jordan-JORDAN			
10.00-11.00	Invited Speaker 7: Dr. Berat KJAMILI--- Migport (METU Teknokent), METU Economics Department, TURKEY <i>“Social Entrepreneur Using Business Metrics: Migport Refugee Big Data Analytics - With a Note on Ability and Disability”</i> Invited Speaker 8: Prof.Dr. Shahab A.A. NAMI– Aligarh Muslim University, Aligarh-202002, INDIA <i>“Dithiocarbamates: Structural, Chemical and Biological Studies”</i> Invited Speaker 9: Prof.Dr. Ahmad UMAR– Najran University, Kingdom of Saudi ARABIA <i>“Nanomaterials for Sensors and environmental applications”</i>			
11.00-11.15	COFFE BREAK (Poster Session)			
Session 7 11.15-12.30	Room 1 (Theme 5)	Room 2 (ICNASEN)	Room 3 (Theme 8)	Room 4 (Theme 6)
	Session chair: Dr.Sabiha Anas	Sessionchair: Prof. Naima Bouslah	Session chair: Dr. Aleksander NicaŁ	Session chair: Prof.Dr. Lakhdar Gacem
	Abstract # 285-338-340-446-459	Abstract # 34-35-36-37-42-43	Abstract # 51-362-371-420	Abstract # 36-38-60-92-405-406-410-422
12.30-14.00	LUNCH (Poster Session)			
Session 8 14.00-15.45	Room 1 (Theme 5)	Room 2 (ICNASEN)	Room 3 (Theme 6)	Room 4 (Theme 6)
	Session chair: Dr.Zuhal Er	Sessionchair: Dr. Feride Kulali	Session chair: Dr. Nilgün Demir	Session chair: Dr. Naim Syla
	Abstract # 467-469-477-481	Abstract # 4-18-19-20-24-25-31	Abstract # 91-185-395-396-465-425	Abstract # 142-397-470-417
	CLOSING -- CHECKING OUT			

POSTERS LIST

Theme 5: 416-426-430-431-443-458-473

Theme 6: 6-203-207-209-210-215-228-236-237-242-246-255-256-258-271-293-313-319-325-344-345-353-356-358-374-377-378-380-398-403-407-412-424-432-433-453-460

ICNASEN: 3-5-6-8-9-10-11-12-13-14-15-23-26-27-28-29-30-32-33-38-39-40-41

27 October 2019-Sunday

09.00-11.00	CLOSING -- CHECKING OUT
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ORAL PRESENTATIONS IN ICCESEN-2019

Theme -1: Physical Science and Technology

Abs. #	Authors	Title
72	Yilka Kabashi and Skender Kabashi	Energetics and Alignment of Conjugated Molecules in the External Fields
84	Mansour Almatarneh	Effective use of PowerPoint Presentation in Teaching and Research
85	Mansour Almatarneh and Ismael A. Elayan	Computational Study of the Ozonolysis Reaction through Criegee Mechanism
247	Bashkim Dalipi, Naim Sylva and Fisnik Aliaj	Electron temperature fluctuations on the eve and after the NEIAL events observed with the EISCAT Svalbard radar
300	Faez Waheed, Kadir Günoğlu, Hakan Akyıldırım and İskender Akkurt	Determination of the gamma ray attenuation coefficient of magnetite aggregate concretes
336	Osman Günay and Serpil Aközcan	Natural radioactivity analysis of soil samples from Silivri (Istanbul-Turkey)
393	Lua'y Zeatoun and Musab Tamimi	Monitoring Air Quality at Different Locations in JUST
465	Sameer Alobaidi, Hakan Akyıldırım, Kadir Günoğlu and İskender Akkurt	Calculation of Neutron shielding properties of zeolite concretes
466	Aycan Şahin, Kadir Günoğlu, İskender Akkurt	Determination of radiation shielding properties of pumice aggregate concretes using GAMOS Monte carlo simulation code
472	Muhammed Fatih Kuluöztürk, Şule Karatepe and Mahmut Doğru	Assesment of gamma radiation levels of beach sands in Bitlis region of Van Lake
476	Aycan Sahin and Ahmet Bozkurt	Monte Carlo Calculation of Mass Attenuation Coefficients of Some Body Tissues
478	Faez Waheed, Hakan Akyıldırım, Kadir Gunoglu and İskender Akkurt	A Monte Carlo simulation: To determination the buildup factor
482	Şule Karatepe Çelik, Muhammed Fatih Kuluöztürk and Mahmut Doğru	Determination of radon concentration of beach sands in Tatvan, Ahlat and Adilcevaz

Theme -2:Mathematical-Modelling Science and Applications

Abs. #	Authors	Title
154	Salah Mokhnache and Tewfik Bekkouche	Colour Images watermarking based on Reciprocal - Orthogonal Parametric Discrete Transform
195	Burim Kamishi, Rasim Bejtullahu and Halil Sykja	Correlation Function of Partially Coherent Light from Two Different Transparenices
390	Kajtaz Bllaca	On properties of certain special zeros of Rankin-Selberg L -function
480	Abide Tuna Aksoy	Smarandache Curves For Null Quaternionic Frame in R_v^3
484	Necati Ozdemir and Esmahan Uçar	Examination of Cancer-Immune System Model via Atangana-Baleanu Derivative
485	Sümeyra Uçar	Existence and Uniqueness Results for a basic SEIRA model in the view of Atangana-Baleanu derivative
486	Sümeyra Uçar and Necati Ozdemir	A Fractional Order Diabetes Model with Atangana-Baleanu Derivative

Theme -3: Energy and Applications

Abs. #	Authors	Title
4	Xiaohui Wang and Zhichuan Guan	Simulation of the sound field in marine riser annulus
28	Aimad Ahriche, Ahriche Aimad and Ahriche Aimad	RT-Lab Simulation of a Wind Turbine Generation System based on Decoupled Power Control of Doubly-Fed Induction Generator
29	Heng Zhang, Xiaodong Wu, Kuo Zhao, Mengshu Wang and Shuai Jiang	Study on production decline model of dense reservoir
43	Cheng Wang, Liguang Zhong, Yigang Liu, Jian Zou and Qiuxia Wang	Feasibility of Gravity Drainage Process in Offshore Heavy Oil Reservoirs with Bottom Water
70	Mengyu Wang, Shenglai Yang, Junru Wang and Yujie Cao	Study on Oil Imbibition and Production Mechanism of Niudong Fractured Volcanic Rock Compact Reservoir
83	Wenli Ke, Yuetian Liu and Gaoming Yu	The Measurement Method of The Threshold Pressure Gradient
116	Jolita Jablonskiene, Jurate Vaiciuniene, Giedrius Stalnionis, Vitalija Jasulaitiene, Audrius Drabavicius, Loreta Tamasauskaite-Tamasiunaite and Eugenijus Norkus	Graphene and Carbon Supported Manganese(IV)-Cobalt(II/III) Oxides Nanoparticles as High-Performance Electrochemical Supercapacitors
153	Beyza Durusoy, Talat Ozden and Bulent Gultekin Akinoglu	Modelling of Solar Irradiation Incident on the Rear Surface of Bifacial Solar Modules
161	Emre Demirezen, Talat Ozden and Bulent Akinoglu	In Situ Measurements of Photovoltaic Heat Island Effect (PV-HIE) and Findings from Sekbandemirli Solar Power Plant in Tavsanli, Kutahya
179	Ufuk Durmaz, Mehmet Berkant Özel, Orhan Yalçinkaya and Mustafa Özdemir	Temperature and Water Quantity Effects on Sugar Extraction of Carob
180	Ufuk Durmaz, Orhan Yalçinkaya, Mehmet Berkant Özel and Ferhat Yılmaz	An Experimental and Numerical Study on Performance of the Mini Water Turbine
182	Nursel Kiratli Yilmazcoban, Ibrahim Yilmazcoban and Turgay Özkan	Advancement of the Performance of the Experimentally Developed Wells Turbine Blades for the Productivity of Green Energy
229	Wei Lian, Jun Li, Qian Tao and Yan Xi	Analysis of cement sheath sealing failure mechanism during hydraulic fracturing
230	Wei Wang, Gonghui Liu, Jun Li, Chunqing Zha and Tao Huang	Numerical Simulation of Rock-breaking Mechanism Under Compound Impact Load
238	Bulent Gultekin Akinoglu, Talat Ozden, Doga Tolgay and Samet Yakut	An Evaluation on Estimation of Photovoltaic Module Temperature
250	Jiwei Jiang , Jun Li, Gonghui Liu, Wei Lian and Wai Li	Analysis of Influencing Factors on Cement Plug-Casing Interface Debonding in Abandoned Well
265	Bulent G. Akinoglu, Abdullah Bugrahan Karaveli and Talat Ozden	Comparisons of the Models of Solar PV Performance Calculations for Ankara-Middle Anatolia
289	Cihan Burak Firat and Cengiz Polat Uzunoglu	Investigation of Busbar and Cable Based Distribution Systems Under Different Physical Conditions
308	Jiwei Jiang, Jun Li, Gonghui Liu, Wei Lian, Wei Wang and Wai Li	3D Finite Element Simulation of Cement Plug-Casing Interface Debonding in Abandoned Well
328	Miss. Bilge Tuncel, Dr. Talat Ozden, Dr. Robert S. Balog and Prof. Bulent G. Akinoglu	Dynamic Thermal Modeling of PV Performance and Effect of Heat Capacity on the Module Temperature
334	Hassane Zouiri and Yousra El Hajel	Socio-economic and environmental impact of renewable energies : the case of Morocco
461	İsmail Serkan Üncü and Mehmet Kayakuş	Short Free-standing Pole LED Luminaire and Lens Design for Road Lighting
462	Mehmet Kayakuş and İsmail Serkan Üncü	The Measurement and Analysis of Photometric Values of Basketball Halls with Software Developed by Using Image Processing and Artificial Intelligence Techniques

Theme -4: Earth Science and Applications

Abs. #	Authors	Title
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2	Yandong Yang , Hualin Liao and Zhen Wang	Simulation of Rock Breaking Efficiency under Various Shapes of Impact Drilling Loads
68	Lei Wang	A Proactive Approach to Safety Responsibility in the Production Process of Petroleum Industry
73	Lei Wang and Jiayi Li	Artificial intelligence (AI) technology assisted emergency management in oil industry
82	Songqi Li, Yuetian Liu and Rukuan Chai	Experimental Study on the Effect of the Key Ions in Smart Water Flooding for Carbonate Reservoirs in Middle East
181	Alpana, Prof. Satish Chand and Dr. Vivek Mishra	Computer-aided Characterization of Coal Categories using Image Processing and Machine Learning approaches
190	Alpana ., Prof. Satish Chand, Dr. Subrajeet Mohapatra and Dr. Vivek Mishra	Automated Char Classification using Image Analysis and Artificial Intelligence
198	Mr Feihao Chen	Mapping Urban Form and Land Use with Deep Learning Techniques: A Case Study of Dongguan City, China
204	Ugur Yildirim, Ismail Omer Yilmaz, Halim Mutlu, Nesibe Köse, Ünal Akkemik and Bulent G. Akinoglu	Statistical Analysis of Relation between Tree Rings' Stable Isotopes and Sunshine Duration Time Series in the West Part of Anatolia
249	Doc.Li Wei, Prof.Huang Genlu, Prof.Ni Hongjian and Doc.Yu Fan	Experimental and numerical study on motion states of simulative BHA in horizontal wells
294	Yuxiang Zhang, Shenglai Yang, Bei Wang, Yu Huang, Jianxun Chen, Cheng Zou and Jiajun Li	Experimental study on seepage physics of the ultra-deep carbonate gas reservoir in western Sichuan
388	Tuncay Erdoğan, Rıdvan Ünal and Bekir Oruncak	THE RELATIONSHIP BETWEEN CHANGES IN RADON ACTIVITY AND SEISMIC ACTIVITY: A CASE STUDY FOR UŞAK
488	Lihua Shi, Shiqing Cheng, Yuwen Chang, Hailong Dang, Ying Xue and Longlong Chen	Study and application of water drive characteristic curve method for ultra-low permeability tight oil reservoirs -- a case study of yanchang oilfield in ordos basin
489	Kadir Günoğlu, Osman Günay, Yusuf Ceylan and İskender Akkurt	Assignment of lifetime cancer risk in some soil samples from Çekmeköy-İstanbul

Theme -5:Engineering Science and Applications

Abs. #	Authors	Title
3	Qing Wang, Zhichuan Guan, Bo Zhang and Cheng Li	Design and experimental research of downhole acoustic wave generator device based on giant magnetostrictive transducer
5	Hassina Ziou, Hamza Guenfoud and Mohamed Guenfoud	Finite Element Model for Vibration of Functionally Graded Beams
7	Abdelmadjid Recioui	Smart Secure Door Lock Using Machine Learning
23	Adel Benidir and Olivier Flamand	Bridge cable stability: Influence of the inclination and the roundness defect
24	Adel Benidir and Olivier Flamand	The wavelet analysis of the pressure pattern around circular cylinder in critical flow regime
45	Noureddine Hadidi	Numerical simulation of double-diffusive natural convection in an inclined square enclosure filled with vertical composite fluid-porous layers.
55	Ayşe Pekrioglu Balkis	Preventive Solution for the Settlement of the Building on Sloped Expansive Soil
106	Zhang Yuxiang, Yang Shenglai, Liao Changlin, Chen Jianxun and Ma Ruoyu	Study on the Influence of Edge Water Energy on the Development of Layered Edge Water Sandstone Reservoir
107	Mibang Wang , Shenglai Yang, Zuhao Zheng, Jing Wen, Jichang Zhang and Quanzheng Ma	The Potential of Cold-Water Damage on a High Pour Point Reservoir after Long-Term Injection
111	Jianxun Chen, Shenglai Yang, Cheng Zou, Yu Huang, Yuxiang Zhang and Jiajun Li	Experimental study on gas phase flow characteristics and influencing factors in low-permeability(tight) gas reservoirs
129	Wang Hengli, Tian Leng, Gu Daihong, Yang Yicong, Chai Xiaolong and Huang Can	Experimental study on enhanced oil recovery from low permeability reservoir by water flooding to CO2 flooding
145	Imane Amarir, Hamid Mounir, Abdelatif Elmarjani and Kaoutar Daoudi	Finite Element Simulation of Welded Rectangular Profiles for Automotive Utilization

160	Cengiz BeyÇayırı and Zeynep Parlar	ANALYSIS OF THE GASKET GEOMETRY FOR SEALING GLASS LAMINATION AUTOCLAVE
165	Imane Amarir, Hamid Mounir, Abdelatif Elmarjani and Kaoutar Daoudi	Fatigue Analysis of Damped Welded Profiles under Variable Amplitude Loading
166	Yasar Kahraman and Huseyin Onur Ozturk	Effects of Glass Fiber Reinforcement to Tensile Strength and Vibration Damping Capability in Epoxy Matrix Granular Composite Machine Frame Materials
170	Ibrahim Kutay Yilmazcoban, Yang Jiao and Turgay Ozkan	Mechanical Behavior Comparison via 3 Point Bending Tests to Define an Analogy between The Wood Samples and The Bones
177	Murat Kiyak	Investigation of Hole Quality and Drill Bit Wear in Drilling Operations
178	Murat Kiyak	Investigation of Wiper Insert Effect in Machining Processes
199	Nabi Ibadov	Ecology of building solutions in the engineering of construction projects
200	Dariusz Walasek and Nabi Ibadov	Modeling of technical control competence related to designing and execution of construction works
201	Hubert Anysz and Piotr Narloch	Cement Stabilized Rammed Earth Enhanced by Association Analysis
240	Ece GÜrcan, Yücel Can, İbrahim KÜRŞad TÜrkoĞlu and Murat Yazici	Continuous Carbon Fiber/Polypropylene Thermoplastic Composite Based Multilayer Pyramidal Lattice Core Ultra-Light Sandwich Panels
241	Harun Güçlü, İbrahim Kürşad Türkoğlu, Yücel Can and Murat Yazici	Finite Element Analysis on Flexural Behavior of EPP Foam Core Self-Reinforced Polypropylene Thermoplastic Sandwich Structures
244	Yingxu He, Pengyu Chen, Wenjie Xiao and Yunpeng Shan	Foam Performance and Plugging Effect of Viscoelastic Surfactant Solutions
253	Ahmad Naser Aldeen, Yücel Can and Murat Yazici	Modeling Hyperelastic Materials by MATLAB
272	Jianxun Chen, Shenglai Yang, Dongfan Yang, Zhang Yuxiang, Yu Huang, Cheng Zou and Jiajun Li	Study on depletion simulation and influencing factors of deep carbonate gas reservoirs
275	Res. Asst. Ismail Kaya, Res. Asst. Vildan Girişta and Asst. Prof. Zeynep Parlar	Design of an Apparatus for Measuring Gear Efficiency
276	Res. Asst. Tolga Arslan and Asst. Prof. Mutlu Seçer	Fire-Resistant Steel Building Design Considering Environmental Aspects
282	Mustafa Konal and Fırat Kacar	Voltage Differencing Differential Difference Amplifier Based Grounded Inductance Simulator
283	Mustafa Konal and Fırat Kacar	Capacitor Multiplier Circuit Based on Floating Current Sources
285	Melise Karatay Kutman, F.Zumrut Biber Muftuler, Ozge Kozgus Guldu and Coşkun Harmansah	NEW APPROACH TO DETECTING OF MICRO SURFACE DEFECTS ON METALLIC MATERIALS USING BACTERIA BASED LIQUID PENETRANT
286	Asst. Prof. Mutlu Seçer, Lect. Dr. Özgür Bozdağ and Res. Asst. Tolga Arslan	Effects of Soil-Structure Interaction on Seismic Response of Wind Turbine Towers
288	İlyas Kartal, Mehmet Mudu, Kenan Büyükkaya and Halil Demirer	Investigation of Wear Properties of SEBS and SEBS-g-MA Modified Wollastonite and Hazelnut Shell Flour Reinforced Polypropylene Composites
301	Merve Alemdag and Fırat Kacar	Dynamic Threshold MOS (DTMOS) and Its Digital Design Applications
318	Cagri Dogu and Tuncay Ercan	A Security Analysis and Secure Management Model for SCADA Systems
335	Noureddine Dahmani, Khalid Benhida and Said Elfezazi	Improving product design using Lean design and eco design tools
338	Ouali Mohammed , Magraoui Rabah and Mahieddine Ali	Vibration analysis of industrial machines. Application to Wheat Sheller machine
340	Majdi Al-Mahasneh, Taha Rababah and Mohannad Aljarrah	Evaluating the effect of time and storage temperature on Arabic flat bread staling using mid range Fourier Transom Infrared Spectroscopy coupled with multivariate PLSR analysis.
367	Abdelkhalek Bouziane, Frédéric Jamin, Abdennabi El Mandour, Mohamed El Omari, Mounir Bouassida and Moulay Saïd El Yousseoufi	Experimental study on a scaled test model of soil reinforced by stone columns
383	Fatma Zohra Dekhandji, Hamid Bentarzi and Abdelmadjid Recioui	Design of a Smart Home Prototype using LABVIEW
401	Res. Asst. Vildan Girişta and Asst. Prof. Vedat Temiz	Design of a New Screw Seal and Determination of Performance Characteristics
429	Sufian Abedrabbo , N.M. Ravindra and A.T. Fiory	Near-Infrared Band-Edge Efficient Room Temperature Silicon Radiation by Interfacial Random Nanoscale Stresses

445	Baki Bağrıaçık, Zeynel Baran Yıldırım, Esra Deniz Güner and Ahmet Beycioğlu	Assesment of Optimum Pipe Powder Ratio in Soil Improvement Applications by Response Surface Methodology
446	Esra Deniz Güner, Baki Bağrıaçık and Ahmet Bycioğlu	The Investigation of Swelling and Settlement Behavior of Clay Soils Improved with Drinking Water Treatment Sludge
459	Pınar Tapkan, Fatih Bahar, Sinem Kulluk, Lale Özbakir and Burak Gulmez	A Constraint Programing Based Column Generation Approach for Crew Scheduling In Railway Transportation
467	Nuggehalli M. Ravindra	Research – Fundamentals, Throughput & Path Forward
469	Hüseyin Çark, Barış Boru and Ahmet Yahya Teşneli	Optimizing the Sensor Position by Means of Artificial Neural Networks and Improving the Network Performance
471	Mansour H. Almatarneh	Effective use of PowerPoint Presentation in Teaching and Research
477	Mehmet Kayakuş and İsmail Serkan Üncü	The Determination of the Uniformity in Road Lighting with Image Processing and Artificial Intelligence Techniques
481	Hüseyin Çark, Barış Boru and Ahmet Yahya Teşneli	3D Electromagnetic Positioning Optimization by Means of Deep Learning

Theme -6:Material Science and Applications

Abs. #	Authors	Title
21	Samira Kaci, Mohand-Arezki Ouadfel, Yahia Ouadah, Lamia Talbi, Assia Boukezzata, Karima Benfadel, Isma Bozetine, Aissa Keffous, Saida Achacha, Amar Manseri, Chafiaa Yaddadene, Sabrina Belaid and Samia Belhousse	Investigations of a-Si _{1-x} C _x thin films as a Catalyst for CO ₂ Photo-electrochemical Reduction
36	M'Hamed Mahdad , Ahcene Mokhtari, Idir Belaidi and Adel Benidir	An experimental and numerical investigation on low-velocity quasi-static indentation damage of composite laminates
38	Mr. Sofiane Haireche, Mr. Mohamed Bouchenafa and Ms. Sara Chahba Mouna	Ab-initio investigations of the electronic properties of SnO ₂ (110) and ZnO(101 $\bar{0}$) surfaces
60	Naim Syta, Fisnik Aliaj, Njomza Elezaj and Bashkim Dalipi	Comparison of experimental curves of alloy steels after gas nitriding
91	Alaeddine Kaouka and Benarous	Characterization and properties of boriding titanium alloy
92	Kaouka and Benarous	Diffusion of niobium and molybdenum on titanium alloy Ti6Al4V by technical powders
108	Fadila Mezrag, Nadir Bouarissa and Nour El Houda Fares	The band-gap bowing of CdS _x Te _{1-x} alloys beyond the virtual crystal approximation
124	Adel Menedjhi, Salima Saib, Boucenna Mustapha, Fadila Mezrag and Nadir Bouarissa	Band structure and optical spectra of double perovskite Cs ₂ AgBiBr ₆ for solar cells performance
138	Nour El Houda Fares, Nadir Bouarissa and Fadila Mezrag	Computational study of AlP _x Sb _{1-x} : Elastic constants and acoustic wave velocities
139	Nour El Houda Fares, Nadir Bouarissa and Fadila Mezrag	On the behavior of positrons in CdTe under compression
142	Assia Boukezzata, Samira Kaci and Hamid Menari	Al-assisted photochemical etching of a-SiC thin films for NH ₃ sensor
185	Salim TRIAA, Lotfi FAGHI, Fatiha SIAHMED, Fella KALI-ALI	Synthesis and characterization of nanocrystalline Fe ₄₀ Si ₆₀ alloy prepared by high energy ball mill
214	İlyas Kartal, Gülşah Naycı and Halil Demirer	The Effect of Chestnut Tree Flour Size on the Mechanical Properties of Chestnut Tree Flour Filled Vinylester Composites
225	Aleksander NicaŁ	Optimizing transportation in the precast concrete plants
259	Baamara Moussa, Messaoudi Nassereddine, Dr Rayane Karim, Dr Zidelmel Sami and Prof Allaoui Omar	Predicting Charpy Impact Energy for Heat-Treated Dual Phase Steel using Machine Learning
261	Hümanur Ulupınar, İsmail Kaya, Vildan Girişta Kaya and Zeynep Parlar	Wettability of Bio Inspired Surface Textures
264	Merve Ünal, Çağatay Özada, Hakkı Özer, Yakup Aykut, Yücel	Development of Self-Healable Syntactic Foams

	Can and Murat Yazici	
290	Cihan Burak Firat, Faruk Turan and Gökhan Çaylı	Electromagnetic and Physical Properties of Oleic Acid Coated Iron Oxide Nanoparticles
291	Melise Karatay Kutman, Fazilet Zümrüt Biber Muftuler, Özge Kozgus Guldu and Coşkun Harmansah	MAGNETIC NANOPARTICLES SYNTHESIZED BY GREEN CHEMISTRY AND INVESTIGATION OF ITS APPLICATION IN THE MATERIAL INDUSTRY
305	Halil İbrahim İşlek and Yalçın Boztoprak	Mechanical Properties of Polyester, Polyamide, Acrylic Fiber Reinforced Hybrid Composites
306	Halil İbrahim İşlek and Yalçın Boztoprak	Investigation of Mechanical Properties of Hybrid Composites Produced with Carbon Prepreg and Basalt Fiber
347	Bülent Aktaş and Süleyman Tekeli	Inhibition of grain growth in 8 mol.% yttria-stabilized zirconia by the addition of CeO ₂
348	Bülent Aktaş	The relationship between microstructure and fracture toughness in B ₂ O ₃ -doped 8 mol.% yttria-stabilized zirconia
365	Metin Davraz, Ali Ekrem Akdağ, Murat Koru, Semsettin Kılınçarslan, Yunus Emre Delikanlı and Mehmet Çabuk	Investigation of Foaming Additives and Usage Rates for the Production of Ultra-Light Foam Glass
366	Metin Davraz, Ali Ekrem Akdağ, Murat Koru, Yunus Emre Delikanlı, Semsettin Kılınçarslan and Mehmet Çabuk	Investigation of the Producibility of Monolithic Insulation Plate Using Direct Raw Perlite
379	İsmail Hakkı Kara, Taher Ali Issa Yousef, Hayrettin Ahlatci and Yunus Türen	The effect of Ca and Ce on Wear Behavior of Hot-Rolled AZ31 Mg Alloys
381	Ismail Hakkı Kara, Galal Elmensouri, Hayrettin Ahlatci, Yunus Türen, Okan Unal and Ebru Emine Süküroğlu	Wear Properties of Micro Arc Oxidation Coated and Shot Peening Applied AZ31 Mg Sheets.
382	Ismail Hakkı Kara, Galal Elmensouri, Hayrettin Ahlatci, Yunus Türen, Okan Unal and Ebru Emine Süküroğlu	Immersion Corrosion Properties of Micro Arc Oxidation Coated and Shot Peening Applied AZ31 Mg Sheets.
387	Bekir Oruncak	NANOPARTICLE SYNTHESIS AND CHARACTERIZATION BY USING SOLUTION PLASMA PROCESS: THE CASE OF GOLD
395	Ahmed Gueddım, Abdellkader Khadir, Mohamed Kamel Abdelhafidi and Mohamed Lahoual	Optical spectra and electronic features of two dimensional zinc-oxide
396	Zouina Bahi, Ahmed Gueddım, Nadir Bouarissa and Bachir Bentria	Electronic and optical properties of ScN quantum dots
397	Lakhdar Gacem, Ahmed Gueddım, Ahmed Ghezal and Rim Belbal	Luminescence properties of Na ₂ ZnP ₂ O ₇ doped with Tb ³⁺ ions
405	Memduh Kurtulmuş and Ezgi Doğan	Effect of Weld Undercut Geometry on Static Stress Concentration
406	Serap Özhan and Bülent Ekici	THE EFFECT OF HOT FORGING PRESSURE AND HEAT TREATMENT ON CW625N LEAD-FREE BRASS ALLOY DEZINIFICATION RESISTANCE
410	Nabil Khelifati, Imane Boutria, Baya Palahouane and Djoudi Bouhafs	Electrical losses in multi-crystalline silicon based solar cells due to co-firing and emitter formation processes
417	Zhiyong Wang, Zhiyong Li and Shanling Han	Thermal Mechanical Analysis of Heat Assisted Clinching of AZ31 Magnesium Alloy Sheet
422	Serap Özhan Doğan and Bülent Ekici	THE EFFECT OF COOLING METHOD DIFFERENCES FOR CW625N BRASS ALLOY ON DEZINIFICATION RESISTANCE AFTER HOT FORGING
425	Nermin Demirkol and Hakan Ocel	Influence of Different Types of Clay on the Formability and Sintering Properties of Ceramics Based on Clay
470	Aycan Sahin, Kadir Günoğlu and İskender Akkurt	Calculation of mass attenuation coefficient of different types of cements used in concrete

Theme -7: Biological, Medical and Health Science and Applications

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46	Mazhar Al Zoubi and Khalid Al-Batayneh	Genetic Bases of Vitamin B ₁₂ Deficiency: Impact of MTHFR, TCN-II and GIF Polymorphisms on Vitamin B ₁₂ Level
132	Prof. Ionel Mangalagiu, Scientific Researcher Violeta Mangalagiu, Lecturer Vasilichia Antoci, Lecturer Dorina Amariuca-Mantu and Ph-D	Discovery of antituberculosis derivatives: a challenging issue

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216	Taha M. Rababah and Borhan Albiss	Novel Food Fortification Systems to Resolve Vitamin D Deficiency
278	Fatma Ayaz, Nuraniye Eruygur, Yavuz BaĖci and H. Filiz Ayyildiz	Comparison of Phenolic Components and Biological Activities of Three Endemic Rhaponticoides Vaill., Growing in Turkey
284	Ilker Medine, Özge Kozguş Güldü, Hazal Tosun, Ahmet Bilgi, Dilek Taskiran and Mustafa Cosan Terek	SYNTHESIS AND CHARACTERIZATION OF ICG LOADED SILICA NANOPARTICLES FOR DETECTION OF SENTINEL LYMPH NODE
302	Katerina Horackova	The life satisfaction of Holocaust survivors
339	Onur Yarar, Osman Günay and Mucize Sarihan	Evaluation of External Doses Rate from Patients Undergoing Scintigraphy
449	Ümit Atasever	Risk of Mental Disorder in Cancer Patients
490	Şeyda Aşci, Kadir GÜnođlu, Ümit Kara and İskender Akkurt	Determination of Glandular Dose in Mammography

Theme-8: Social and Education Sciences and Applications

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51	Mr Ahmed Cherif Mazari	Sentiment Analysis by Deep Learning to Analyze Attitudes in Dialectal Arabic
362	Jale Yazgan and Feride Kulalı	A comparison of the curriculum of Emergency and Disaster Management Associate Degree Program in Turkey
371	Erdođan Özdemir, Hatice Semrin Timliođlu İper and Onur Yarar	Simulation Design for Vision Rehabilitation with Prisms
420	Monika ZaviŠ and Jozef Lenć	Knowledge of marriage and reproductive issues in Islam: current findings interviewing students of humanities and social sciences at University of Ss. Cyril and Methodius in Trnava, Slovakia

Theme-9: Agricultural and Food Science and Technology

Abs. #	Authors	Title
137	Gizem Özlük Çilak	Reagional difference in microbial load of non-packaged cheese
183	Gizem Özlük Çilak	Growth Kinetics of Coliform Bacteria Isolated from Food
280	Nuraniye Eruygur, Fatma Ayaz, Yavuz BaĖci, Ebru Güler and Esra Maltaş Çađıl	Chemical profiling, in-vitro antioxidant and enzyme inhibition activities of Cardaria draba (L.) Desv. subsp. draba different parts
312	Süleyman Gökmen, Aytaç Kocabaş, Abdulvahit Sayaslan, Mehmet Fatih Aydın, İbrahim Savran, Kadir Günođlu, Iskender Akkurt, Abdullah Çađlar and Hasan Yetim	Effects of neutron irradiation on chemical and microbiological properties of ground-meat stuffed pasta (mantı)
452	Nde Che	Modelling the Dynamics of the Cancer Risk due to Potentially Toxic Elements in agricultural soils, in the Upper Crocodile River Catchment, North-West Province, South Africa.

Theme -10: Forestry and Environmental Science and Engineering

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18	Soumia Zouambia, Yamina Zouambia and Hamida Maachou	ELIMINATION OF ORGANIC POLLUTANTS FROM AN EFFLUENT PHARMACEUTICAL BY VEGETABLE BIOMASS PHARMACEUTIQUE PAR UNE BIOMASSE VEGETALE
329	Zuhal Er and Iskender Akkurt	A Study to Estimate Radiation Doses to Exposure to Neutrons
357	Ouiza Allalou, Mohamed Belmedani and Zahra Sadaoui	Enhanced Removal of Nitrate From Water Using A Surfactant Modified Activated Carbon Prepared From Dates Stems
369	Şemsettin Kılınçarslan and Yasemin Şimşek	The Effect of Different Parameters on Strength Properties of Glulam Timber Beams
455	Stefan-Adrian Strungaru, Roxana Strungaru-Jijie and Mircea Nicoara	Behavioural applications 2D and 3D at zebrafish model for measuring the toxicological effects of aquatic pollutants and future legislation
475	İskender Akkurt, Kadir Gunoglu and Osman Gunay	Investigation of Istanbul Ayazma coastal sands in terms of radiological damage

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Theme -1: Physical Science and Technology

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93	Sabah Fetah	Investigations of Structural, Electronic and Magnetic Properties of New Quaternary Compounds : FP-LAPW Method
119	Dr.Abdelghani Khaldi, Prof.Nadir Bouarissa and Prof.Laurent Tabourot	Phase transition and mechanical stability of MnO compound
120	Dr.Abdelghani Khaldi, Prof.Nadir Bouarissa and Prof.Laurent Tabourot	High-pressure effect on structural and magnetic properties of FeO
125	Saida Kitouni	Impact of Al ₂ O ₃ and Al(OH) ₃ on Dielectric Properties of Algerian Triaxial Porcelain
156	Souheila Chamekh, Abderrahmane Bouabellou and Nora Boussouf	Raman study of Zn and Co doped YBCO superconductors.
162	Nouredine Moussaoui, Fahima Djaidri and Fatma Zohra Ouanoufi	Some characteristics of the E-ELT sodium LGSs
163	Fahima Djaidri and Nouredine Moussaoui	Semi-Empirical model to estimate the “sodium LGSs” return flux
205	Meleq Bahtijari, Gazmend Nafezi, Gezim Hodolli and Sehad Kadiri	The influence of radon concentration in thermal water on radon activity in the indoor air of Kosovo’s spas
212	Karima Boudhar and Mahdi Debieche	A theoretical study on the molecular structure and vibrational Raman spectra of C,p-Chlorophenyl-N-phenyl nitrene
221	Dr. Noudjoud Hamdouni, Prof. Ali Boudjada and Dr. Abdelali Fiala	Crystal structure and spectroscopic characterization of ethyl 2-cyano-2-(1,3-dithian-2-ylidene)acetate
232	Fisnik Aliaj, Naim Syla and Bashkim Dalipi	Physical properties of the binary mixtures of ethanol + benzene and ethanol + pyridine at five temperatures under atmospheric pressure
351	Ahmad Alsaad , Qais Al-Bataineh and Ahmad Ahmad	Optical Band Gap Studies Of Ag Nano particles doped PMMA-PVC Thin Films: New Mathematical Model From The Experimental Transmission Spectra
370	Alexandru-Horatiu Marincas, Marian-Iosif Frincu and Sorin Aurel Dorneanu	Ceramic membrane for electrochemical divided reactor for copper recovery from WEEE leaching concentrated solutions
375	Demet Sariyer and Rahmî Küçer	Investigation of Neutron Attenuation through FeB, Fe ₂ B and Concrete
376	Demet Sariyer and Rahmî Küçer	Effect of Different Materials to Concrete as Neutron Shielding Application
414	Embarka Boutalbi, Leila Ait- Gougam -Tribeche and Fawzia Mekideche-Chafa	The stability of a star in the nonextensive kinetic theory. The Chandrasekhar’s condition

418	Guenif Nama, Ramdane Mahamdi, Shiromani Balmukund Rahi, Mohamed Larbi	Temperature Effect on Double Gate Tunnel Field Effect Transistor: Structure Based On GaAs/Si
456	Zhanar Oralbekova, Makpal Zhartybayeva, Kazizat Iskakov, Zarina Khasenova and Tolky Mirgalikyzy	Information system for monitoring urban pollution by heavy metals
457	Kazizat Iskakov, Ainur Kussainova, Makpal Zhartybayeva, Zhanar Oralbekova and Tolky Mirgalikyzy	Algorithms for interpretation of radarograms by using information and communication technologies
464	Zehra Nur Kuluöztürk and Nilgün Demir	FLUKA Code Application for Efficiency of 2"x2" NaI(Tl) and LaBr3(Ce) Detectors

Theme -2: Mathematical-Modelling Science and Applications

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103	Xiaojun Wu, Zhengfu Ning, Zhilin Cheng, Qing Wang, Heng Zhang, Rongrong Qi, Liang Huang and Wentong Zhang	Validation and modification of simplified local density model for theoretical adsorption simulation
269	Mingqiang Chen, Linsong Cheng, Chaohui Lyu, Xulin Du, Junjie Shi and Chenxu Yang	Effect of Fluid Viscosity on Fluid flow in Micro/Nano Scales considering Fluid-Solid Interaction
270	Mingqiang Chen, Linsong Cheng, Chaohui Lyu, Xulin Du, Junjie Shi and Chenxu Yang	An unstructured pore network model to study fluid flow in tight formations

Theme -3: Energy and Applications

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56	Yanwei Wang, Huiqing Liu, Zhangxin Chen and Xiaohu Dong	A Study of Scaling 3D Experiment on Cold Recovery after Steam Stimulation in Heavy Oil Reservoirs with Edge Water
71	Gaoqiang Ma, Xiaodong Wu and Guoqing Han	A New Coupling model between Reservoir and Horizontal Well with ICDs
75	Mr. Minglu Shao, Prof. Dr. Xiangyan Yue and Mr. Jie He	Application of ARGET ATRP mechanism in gelling time of in-situ polymerization system
80	Yisheng Liu, Yuetian Liu, Qichen Zhang, Wenkuan Zheng, Yanpeng Xue and Yunpeng Wang	Experimental investigation on water-flooding characteristics and efficient development technique for the thick carbonate reservoirs
81	Qichen Zhang, Huiqing Liu, Xiaohu Dong and Yisheng Liu	Investigation on the effects of lean zones on SAGD performance in oil sands reservoirs
94	Sabah Fetah	Modelling of global solar radiation in Algeria based on geographical and all climatic parameters
96	Wenyuan Liu, Jinqiu Hu, Huan Ma, Fengrui Sun, Zheng Sun and Hongyang Chu	Combining Experimental and Theoretical Methods to Predict The Wellbore Hydrate Blockage Risk During Deepwater Gas Wells Production: a Case Study of Deepwater Gas Well Production in The South China Sea
101	Wenbo Su, Yuetian Liu, Xiangming Kong, Jia Fu, Junru Zhang and Xingnan Ren	Experimental Study on Relative Permeability Curves in the Whole Process of High-salinity Water Flooding and the Followed Low-salinity Water Flooding
102	Mr Xin Su, Prof. Xiang-An Yue and Mr Minglu Shao	Comparison of CO2 and N2 EOR efficiency in tight/low permeability core samples
117	Jolita Jablonskiene, Jurate Vaiciuniene, Giedrius Stalnionis, Audrius Drabavicius, Loreta Tamasauskaite-Tamasunaite and Eugenijus Norkus	Electrochemical Performance of Graphene Supported MnO2 and Fe2O3 Nanocomposites for Supercapacitors Application
143	Hao Zheng, Huiqing Liu and Qichen Zhang	The numerical simulation study on percolation characteristics and displacement mechanism of fractured reservoir
150	Gazmend Pula, Skender Kabashi and Lulzim Halitaj	Comparative Analysis of Software-Calculated and On-Site-Measured Values of the On-Grid Photovoltaic System in Banja Peja Onix Turistic Facility
171	Yuejie Wang and Huiqing Liu	A New Method for Studying the Theoretical Relationship Curve between the Water Cut and the Recovery Percent

186	B. Palahouanea, A. Keffousa, M.W. Naceurb, N. Drouichea, M. Hecinia, O. Bouchelaghema, A. Lami, Karim Laiba and A Manseri	Effect of current density on fluoride removal from photovoltaic wastewater by electrocoagulation and characteristics of generated sludge
193	Yousfi Ahmed, Ahmida Rezig, Sylvain Fréour, Frédéric Jacquemin and Samuel Branchu	Increasing the Lifetime of Wind Turbine Blades by CBM in a Dusty Region
197	Yuan Gao, Qi Li, Rongjun Zhang and Chen Wang	Quantitative Study on the Damage to Micro/Nano Pore Due to CO ₂ -Brine-Rock Interactions in Tight Sandstone Reservoir
213	Liguo Zhong, Tongchun Hao and Cheng Wang	Based on injection-production data mining, precision closure and pressure control drilling in peripheral Wells of adjustment Wells
239	Mengyu Wang, Shenglai Yang, Junru Wang, Yujie Cao and Mibang Wang	Study on Mechanism of Surfactant Enhancing Imbibition Recovery of Tight Oil
248	Dr. Peng Yu, Prof. Yuetian Liu and Prof. Liang Xue	Induced Stresses Due to Hydraulic Fracture in Unconventional Reservoirs
263	Fouad Berrabah, Ali Chebabhi and Samir Zeghlache	Direct torque control based on Multi-level space vector modulation of double star asynchronous machine
266	Deqiang Wang, Linsong Cheng, Renyi Cao, Junjie Shi and Fuguo Yin	A New Approach to Enhance Oil Recovery in the Tight Oil Reservoir: Advance Gas Injection
267	Deqiang Wang, Linsong Cheng, Chenxu Yang , Hui Li and Xulin Du	Optimization of gas injection and depletion in tight reservoir
268	Xulin Du, Linsong Cheng, Jun Chen, Mingqiang Chen, Deqiang Wang and Zhihao Jia	An effective hydro-mechanical model for simulating deep shale gas reservoirs considering adsorption swelling and effective stress
295	Chenxu Yang, Linsong Cheng, Hui Li, Xulin Du, Junjie Shi and Ming Ma	Numerical simulation of water-induced fracture in tight formation
298	Junjie Shi, Linsong Cheng, Chenxu Yang, Xulin Du, Deqiang Wang and Chen Mingqiang	Numerical analysis of thermal crack initiation and propagation considering rock inhomogeneity thermophysical properties in tight reservoir
299	Junjie Shi	The " cold affected zone " and its effect on in-situ stress distribution during long-term water injection
307	Noureddine Layadi, Fouad Berrabah, Samir Zeghlache, Ali Djerioui, Hemza Mekki, Houari Azeddineand Mohamed-Fouad Benkhoris	Active Fault Tolerant Control Based on Backstepping Controller and non Linear Adaptive Observer for Double Star Induction Machine
342	Jian Luan and Pingchuan Dong	The Large Scale Experimental Studies of Air Injection and the Rules of Fluid Distribution in the Reservoirs with Low Permeabilities-Taking a Sandstone Oil Reservoir in Eastern China as An Example
409	Lamia Kadir, Meriem Saber, Aissa Khelifi and Nour Eddine Yassaa	A Continuous Anaerobic Co-Digestion Of Poultry Waste And Food Waste At Thermophilic Range
435	Hongli Wang, Hongxing Wang and Suian Zhang	Automatic Segmentation Trend ARIMA Model for Coalbed Methane Production Forecast
483	Nashwa Shiqwarah	An Analytical Study of the Potential of Domestic Solar Hot Water usage in Egypt

Theme -4: Earth Science and Applications

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40	Haitang Yu, Xiangfang Li and Dong Feng	Estimating the Free Gas and Adsorbed Gas in Shale Reservoirs: Model, Experiments and Application in Yanchang Gas Field, China
41	Haitang Yu, Xiangfang Li and Dong Feng	The productivity of tight oil well with considering the percolation characteristic of fracturing fluid
57	Liguo Zhong and Tongchun Hao	Research on Injection-Production Relationship Analysis Method Based on Data Mining
64	Ye Meng , Xiangfang Li, Minxia He and Mingjie Jiang	The Study of Bubble Size Distribution in Reservoir During Foam Flooding and Optimization Design of Gas Alternating Foaming Liquid Injection
95	Zheng Sun, Yisheng Liu and Xiangfang Li	The effect of clay damage caused by fracturing on shale gas production performance with different shut-in time: An experiment and simulation study
217	Ye Meng, Xiangfang Li, Minxia He and Mingjie Jiang	A Study of Intermittent Pumping Design for Low Production Oil Wells in Ordos Basin in China
227	Dr. Peng Yu, Prof. Yuetian Liu and Prof. Liang Xue	Analysis and Application of Nonlinear Flow in Pressure Sensitive and Anisotropic Reservoirs

231	Xingyuan Liang, Jiang Lei and Yi Lu	A New Intermittent Pumping Design for Fluid Shortage Wells
257	Xingyuan Liang, Ji Hu, Qishuang Zhou, Lei Du, Qiang Li, Baofeng Li and Yuan Cheng	Shale Gas Technical Development and Innovation
292	Chaohui Lyu, Zhengfu Ning, Qing Wang, Xulin Du and Mingqiang Chen	Experimental investigation on T2 cutoff value of tight sandstone: A comparison between outcrop and reservoir cores
363	Wenli Ke, Yuetian Liu, Songqi Li and Gaoming Yu	Review on The Threshold Pressure Gradient in Heavy Oil Reservoirs
364	Songqi Li, Yuetian Liu, Rukuan Chai and Wenli Ke	Experimental study on chemistry of produced oil in carbonate reservoirs during high and low salinity water flooding

Theme -5:Engineering Science and Applications

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13	El Bahi Toubal, Abdelkader Belkhir, Messaoud Rahim, Ahmed Kheldoun and Karim Boudjebbour	An Approach based on Model Driven Architecture for Web Service Composition
15	Assia Boukezzata, Sihem Bouanik, Samira Kaci, Ammar Manseri, Hamid Menari and Brahim Mahmoudi	Amorphous silicon carbide nanowires for optical sensor device
19	Karim Boudjebbour, Abdelkader Belkhir, El Bahi Toubal and Messaoud Rahim	CLASSIFICATION OF SOCIAL NETWORK USERS BASED ON PROFILE AND WEB SERVICES
48	Samir Chadli, Billel Bengherbia, Noureddine Ababou, Amina Ababou and Nazim Ouadahi	Design and Implementation of a Body Wireless Node using PsoC device and nRF24 module for Sports and Locomotion analysis applications
50	Hamza Kheddar and Merouane Bouzid	Hiding 2.4 kbps MELP speech stream based on interleaving for VoIP covert communication
67	Samir Ikni and Abdelyazid Achour	Adaptive control of a Puma 600 robot manipulator
78	Messaouda Ayachi , Sabiha Anas Boussaa , Abdennour Lami, Yacine Chettat , Isma Bozetine and Abdelhak Benkrid.	The Effect of The Sintering Temperature of The Si3N4 Coating of The Photovoltaic Solar Crucible on The Adhesion Strength
89	Redha Rebhi, Noureddine Hadidi and Mounir Alliche	Effect of Rheological Parameters on Stability of the Double-Diffusive Convection in Shallow Porous Layer Filled with non-Newtonian Fluids
90	Redha Rebhi, Mounir Alliche and Noureddine Hadidi	Inertial Effect on Hydromagnetic Double-Diffusive Convection in an Inclined Square Porous Enclosure
99	Wei Tian, Huiqing Liu, Shunli He, Xiaohu Dong and Qichen Zhang	Multi-Well Synergy Cyclic Steam Stimulation Process to Control the Steam Breakthrough between Wells: Experimental Studies
114	Djamel Allali, Fares Zerarga, Abdelmadjid Bouhemadou, Foudil Sahnoune, Mohamed Amine Ghebouli and Khadidja Boudiaf	Thermoelectric Properties of the SiX2O4 (X =Mg, Zn and Cd) cubic spinels compounds: An ab-initio FP-LAPW study
115	Fares Zerarga, Djamel Allali, Abdelmadjid Bouhemadou and Khadidja Boudiaf	Thermoelectric Properties of the LiCdX (X =P, As and Sb) filled-tetrahedral compounds: An ab initio FP-LAPW study
121	Yabing Guo, Xiangyan Yue, Jie Dong and Lijuan Zhang	Effects of emulsification capability and interfacial tension of chemical flooding agents on oil displacement efficiency in ultra low permeability reservoirs
130	Xiangming Kong, Yuetian Liu, Xuanyi Song, Wanli Xu, Guanlin Li and Wenbo Su	Developing Effectiveness Evaluation Of Volcanic Reservoir: A Case Study Of Che47 Carboniferous Reservoir
152	Zarina Kutpanova	USE OF SATELLITE NAVIGATION SYSTEMS FOR CONTROL OF UNMANNED AERIAL VEHICLES
172	Huan Ma, Yuetian Liu and Yisheng Liu	Study on Productivity Prediction of Multilayer Fracturing Vertical Well in Bedded Glutenite Reservoir
226	Khalida Boutemak, Ahlam Amrane, Linda Belhadji, Meriem Arkam and Nadjet Taoualit	Physico-chemical, rheological and Fonctionnal properties of mucilage isolated from Punica granatum L. peels
243	Mibang Wang, Shenglai Yang, Mengyu Wang, Yujie Cao, Zichun Tang and Quanzheng Ma	Oil-increasing mechanism of water injection huff and puff in tight reservoirs under multi-field coupling: An example from tight oil reservoir of Jimusar Lucaogou Formation

333	Rahali Hilal and Zeglache Samir	Comparative Analysis between the Adaptive type-1 Fuzzy Field-Oriented Control and hybrid Sliding Mode-Backstepping Control of a Double Star Induction Machine (DSIM)
337	Magraoui Rabah and Ouali Mohammed	Technology Solutions and Modifications for an Axial Burner
341	Zoheir Mentouri, Hakim Doghmane, Abdelkrim Moussaoui, Houcine Bourouba and Adel Boudiaf	New Image Feature Descriptors for Efficient Steel Defect Recognition
343	Sabiha Anas, Naima Zaourar Boutarek and Messaouda Ayachi	Effect of Sursulf Treatment on the Hardness of Steel
394	Wang Hengli, Tian Leng, Wang Ge, Wang Yifeng and Zhang Chunyang	Study on the variation law of microscopic seepage characteristics of reservoirs in the later stage of waterflooding development
416	Zhiyong Wang, Zhiyong Li and Shanling Han	Numerical analysis of mechanical clinching process for joining Mg-Li alloy and Al alloy dissimilar metals
426	Khalida Boutemak, Fayçal Boukheddouni and Kerfi Lamia	Impact of coating on bioplastic films based on starch / biopolymer : rheological behavior and mechanical properties
430	Tülay Korkusuz Polat	ASSESSMENT OF QUALITY CIRCLES WITH MULTI-CRITERIA DECISION MAKING TECHNIQUES: AUTOMOTIVE SUPPLY INDUSTRY APPLICATION
431	Tülay Korkusuz Polat	FORECAST OF PRODUCTIVITY AND AMOUNT OF SCRAP BY DATA MINING IN THE AUTOMOTIVE SUPPLY INDUSTRY' SLITTIN LINE
443	Nedal Al-Ababneh	Misalignment tolerance in Free space optical interconnects with tapered apertures
444	Djamel Khedrouche , Djamel Khezzar and Amed Tayeb Denidni	LTCC Based Reconfigurable Antenna For New Applications Of Future 5G Communication Wireless System
458	Fouad Berrabah and Sadok Benmebarek	Numerical Analysis of Load Transfer Mechanisms in Geosynthetic Reinforced Embankments Overlying Localized Weak Zone
473	Yunpeng Hu	A New Water Cut Prediction Model Based on Generalized Weibull Model and Water Drive Curve

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6	Sihem Chaibeddra and Fattoum Kharchi	Exploitation of Chott Sediments For Construction Purposes
30	Djamel Allali, Fares Zerarga, Abdelmadjid Bouhemadou, Khadidja Boudiaf and Foudil Sahnoune	Thermoelectric Properties of the LiZnX (X =P, As and Sb) filled-tetrahedral compounds: An ab initio FP-LAPW study
31	Fatma Zohra Tighilt, Samia Belhousse, Anis Rahal, Naima Belhaneche, Sabrina Sam, Khaled Hamdani and Kahina Lasmi	Study of Mesoporous Silicon- Polyvinylpyrrolidone Hybrides Structures for Electrochemical Detection
32	Karima Benfadel, Samira Kaci, Aissa Kefous and Abdelbaki Benmounah	Structural Properties Of Silicon Carbide Nanoparticles Synthesized By Sol-Gel Method
35	Naim Mahmudi, Xheneta Zengo and Naim Syla	Comparison of Mechanical Properties of Gypsum with and without Polypropylene Fibers
37	Nassira Ferroudj, Sébastien Abramson, Anne Davidson and Delphine Talbot	Magnetic heterogeneous Fenton catalysts for the efficient removal of Aqueous Organic Pollutants
53	Faiza Tiour, Bedra Benyahia, Noureddine Brihi, Amar Manseri and Brahim Mahmoudi	Correlation between the structural properties of the silicon nanoparticles embedded in nitride matrix, the stoichiometry and the temperature annealing.
61	Zerarga Fares, Allali Djamel, Bouhemadou Abdelmadjid and Boudiaf Khadidja	Thermoelectric Properties of the GeX ₂ O ₄ (X =Mg, Zn and Cd) cubic spinels compounds: An ab-initio FP-LAPW study
66	Aliye Arabacı	Ceria-based solid electrolytes for IT-SOFC applications
88	Nadjah Solti, Souad Kendouli, Samiha Chaguetmi and Slimane Achour	Photoelectrochemical study of various TiO ₂ nanostructures
98	Samia Belhousse, Fatma. Zohra Tighilt, Khaled Hamdani, Ibtissam Aouali, Samir Benouart, Naima Belhaneche, Sabrina Sam, Lasmi Kahina, Amar Manseri, Sabrina Belaid and Samira Kaci	Electrochemically Deposited poly(3,4-propylenedioxythiophene) for Dye-Sensitized Solar Cell

104	Souad Kasrani	Effect of Al ₂ O ₃ additions on densification and mechanical properties of new multifunction resistant porcelains using economic raw materials
109	Fadila Mezrag, Nadir Bouarissa and Nour El Houda Fares	Elastic constants and related mechanical properties of Al _x In _{1-x} P
112	Dr. Isma Bozetine, Samira Kaci, Aissa Keffous, Hamid Menari and Amar Manseri	Study of the influence of the annealing temperature on the properties of SiC-SiO ₂ thin films
118	Fatsah Moulai and Toufik Hadjersi	MnO ₂ nanoparticles decorated silicon nanowires (SiNWs) for supercapacitor and photocatalytic applications
122	Dr. Sihem Chehlatt, Abdelhamid Harabi and Hassane Oudadesse	In vitro bioactivity study of bioactive wollastonite containing 3 wt% B ₂ O ₃ prepared from local raw materials
123	Nadir Bouarissa, Fadila Mezrag, Mustapha Boucenna and Salima Saib	GaP under hydrostatic compression: A pseudopotential approach
126	Lynda Lakhal, Fadila Mezrag, Nadir Bouarissa, Wahiba Baghdadadi and Salima Saib	Band parameters for quasi-binary (InSb) _{1-x} (CdTe) _x crystals
127	Lynda Lakhal, Fadila Mezrag, Nadir Bouarissa and Nour El Houda Fares	Quantum confinement effects on physical properties of ZnTe spherical quantum dots
140	Fahima Fares, Nadir Bouarissa, Nour El Houda Fares and Fadila Mezrag	Electronic properties of Al _x Ga _{1-x} NyAs _{1-y} quaternary semiconducting alloys lattice matched to GaAs
146	Selva Çavuş and Gözde Gül	2-Acrylamido-2-methyl-1-propane sulfonic acid Based Ionic Liquid: Detailed Thermal and Structural Characterization
148	Aliye Arabacı, Sebahattin Kirtay and Ali Murat Sancaktar	An investigation of the formability, mechanical properties and microstructure of niobium and niobium-titanium microalloyed steels
158	Tassi Hocine, Zidelmel Sami and Allaoui Omar	Effect of Intercritical rolling on microstructure, mechanical and corrosion properties of the Dual Phase X70 API pipeline steel
167	Berat Yüksel Price and Gökhan Hardal	An investigation of microstructure properties of ZnO ceramics doped with B ₂ O ₃ and Sb ₂ O ₃
168	Berat Yüksel Price and Gökhan Hardal	The alteration of electrical properties of nickel manganite by adding Cr ₂ O ₃ and V ₂ O ₅
174	Salima Saib, Nadir Bouarissa, Dilmi Souad, Adel Menedjhi and Fadila Mezrag	Vibrational and Thermal properties of potassium and rubidium sulfides
176	Dilmi Souad, Salima Saib and Nadir Bouarissa	Structural, electronic, dynamical and transport properties of XC ₂ (X = Y, Lu, La) intermetallic compounds
187	Fatiha Siahmed and Lotfi Faghi	Thermal and mechanical properties of bio-composites unsaturated polyester reinforced by Luffa cylindrical
191	Rezgallah Lamine, Allaoui Omar and Zidelmel Sami	Characterization of obtained layers on 304L stainless steel surface after a double saturation with Boron and Titanium
194	Allaoui Omar, Khenifer Miloud and Zidelmel Sami	Study of the effect of boriding treatment on corrosion and oxidation resistance of 316L Stainless Steel
203	Rabah Boubaaya, Omar Allaoui and Younes Benarioua	Microstructural and mechanical characterization of chromium carbides and chromium borides layers obtained on the surface of a low carbon steel after a conversion treatment: Diffusion + Annealing
207	Boubekka Ouahida, Ouili . Zineeddine and Boulitif Ali	STRUCTURAL STUDY OF HYBRID MATERIAL PANI/Nb ₃ Sn
209	Faiza Meddour and Leila Nouar	ONIOM computational study of the inclusion complexes of the enantiomers of naproxen with β-cyclodextrin.
210	Miss.Faiza Meddour and Pr.Leila Nouar	DFT investigation of the inclusion complexes nanopaticules between ascorbic acid and β-cyclodextrin.
215	Mokhtar Djendel , Omar Allaoui and Mourad Maazouz	Impact of critical plasma spraying parameter (CPSP) on Plasma-Sprayed Al ₂ O ₃ -3TiO ₂ coatings
228	Haddad Ahmed, Brick Chaouche Souad and Aicha Ziouche	The effect of basic pH on the structural and magnetic characterization, elaboration of iron oxide FeX nanoparticles by co-precipitation method
236	Wentong Zhang , Zhengfu Ning, Qing Wang, Biao Zhang, Xiaojun Wu, Hao Lin and Xiwei Gao	Quantification of the surface charge density using atomic force microscopy by a new method
237	Zhilin Cheng, Zhengfu Ning, Wentong Zhang, Xiaojun Wu and Shizhen Ke	A comprehensive study of the electroviscous effects on the transport of dilute solutions in circular microtubes
242	Zerarga Fares, Zerroug Samir and Aksas Ali	Bond gap energy of ZnS _{1-x} O _x grahene structures
246	Haddad Ahmed, Brick Chaouche Souad and Aicha Bensmaili	Study and development of a new process for the treatment and purification of industrial effluents contaminated by metals by electrodeposition

255	Foudil Sahnoune, Smail Lamara, Djaida Redaoui, Nouari Saheb, Menad Heraiz and Djamel Allali	Phase Transformation and Sintering of Mullite Powder Synthesized via Sol-Gel Process Using Differential Thermal Analysis (DTA) and Dilatometry (DI)
256	Smail Lamara, Foudil Sahnoune, Fatima-Zohra Mezahi, Djaida Redaoui and Nouari Saheb	Crystallization and Phase formation of cordierite ceramics obtained by sol-gel process
258	Ameur Ouali, Foudil Sahnoune and Menad Heraiz	Kinetic Parameters and sintering Mechanism of Algeria Clay Powder Using Differential Thermal Analysis (DTA) and Dilatometry (DI)
271	Heraiz Menad, Boussendel Abdelmadjid, Lamara Ismail, Sahnoune Foudil and Saheb Nouari	Effects of silicon carbide additives on synthesis of porous mullite ceramics
287	Fatima Brik, Abderraouf Fares and Fahima Fares	Determination of different parameters of an optical switch structure with a metallic mirror
293	Abdelmadjid Boussendel and Nadjib Baadji	Strain effect on the magnetic properties and magnetic anisotropy of Fe (001) monolayer
297	Fatima Brik, Fahima Fares and Abderaouf Fares	Influences of different optogeometric parameters on the spectral response of optical fiber bragg grating
313	Rabah Boubaaya, Omar Allaoui, Mokhtar Djendel, Younes Benarioua and Zied Driss	Study of the influence of the cementation layer thickness on the properties of chromium carbide obtained by conversion treatment
319	Mokhtar Djendel, Omar Alloui, Rabah Boubaaya and Mourad Maazouz	Microstructure & Tribological Performance of Alumina-3wt%Titania Coatings Produced by APS
325	Funda Özdemir and Selva Çavuş	Solvent Dependent Swelling Characteristics and Solubility Parameters of Poly(dodecyl methacrylate-co-2-(diethylamino)ethyl methacrylate) Gels
344	Bingfeng Guo and Yuena Sun	The study of wafer-level adhesive bonding properties of two kinds of typical adhesive materials(polyimide and dry film) in 3D IC stacking technique
345	Bingfeng Guo and Yuena Sun	In situ study the effect of optimized Cu substrate structure on interface IMC formation and mechanical properties in Sn-9Zn/Cu solder joints
353	S.S. Yegeubayeva, S.T. Almagambetova, S.S Konyratbekova and A.Zh. Altmyshbayeva	OXIDATION-REDUCTION REACTIONS OF QUINONE AND HYDROQUINONE IN THE ALKALINE CONDITION ON THE GRAPHITE ELECTRODES
356	Atilla Evcin, Harun Güney and Nalan Çiçek Bezir	Preparation of Silan based Zirconia Hybrid Composite Thin Film
358	Atilla Evcin, Harun Güney and Nalan Çiçek Bezir	Preparation of Silan based Titania Hybrid Composite Thin Film
374	Nacira Naar	Improvement of the Structural and electrical properties of the Nanocomposite PMMA/PANI synthesized by in situ Polymerization in a continuous organic phase
377	Nalan Çiçek Bezir, Atilla Evcin, Ayşegül İnceoğlu, Ozan Ceylan and Burcu Özcan	Production and Characterization of Barium-Titanate Nanofibers
378	Nalan Çiçek Bezir, Volkan Akar, Sabriye Perçin Özkorucuklu, Gizem Yıldırım, Atilla Evcin and Ozan Ceylan	Application of TiO ₂ to Dye-Sensitive Solar Cells by Electrochemical Storage Method
380	Ismail Hakki Kara, Taher Ali Issa Yousef, Hayrettin Ahlatci and Yunus Türen	The effect of Ca and Ce on Corrosion Resistance of Hot-Rolled AZ31 Mg Alloys
398	Salima Hocine, Djamila Ghemati and Djamel Aliouche	Synthesis, characterization, and swelling property of PVA - Based macroporous superabsorbent hydrogel
403	Naima Aissi, Djamel Aliouche and Sadia Radji	PREPARATION AND SWELLING BEHAVIOR STUDY OF NANOCOMPOSITE MATERIALS ALGINATE / KAOLINITE BIOFILMS
407	Memduh Kurtulmuş	Effect of Tool Geometry and Welding Parameters on FSSW of 1050 Aluminium Alloy
412	Nabila Aissiou, Moussa Bounoughaz and Amel Djeddi	Nitration Alkali- lignin as a corrosion inhibitor of carbon steel API X52 in 3.5% NaCl, 0.1M HCl medium.
424	Karima Boudhar and Mahdi Debieche	Evolution of elastic constants with temperature during the transition in mixed compounds K _{1-x} Rb _x AlF ₄
432	Dr. Nacira Sassane, Dr. Latifa Alimi, Dr. Temam Tahar Guettaf, Mr. Mohamed Hassani, Mr. Skander Boukhezar, Mr. N. Eddine Boughdir and Nihel Hamzaoui	Thermal analysis of aging of a matrix polymer material reinforced with a glass fiber.
433	Seher Arslankaya	Estimation of Suspension and Disassembly Times in Elokstal Section with Artificial Neural Networks in an Enterprise Producing Aluminum Profiles
453	Mohammed A. Almomani and Bilal R Melhim	Review on the effect of reinforcement particle type, shape, and volume fraction on the porosity content of metal

		matrix composite
460	Amar Djemli, Ameer Ouali, Messaoud Fatmi and Foudil Sahnoune	Physico-Chemical Characterization Of Magnesium Alloys

Theme -7: Biological, Medical and Health Science and Applications

Abs. #	Authors	Title
76	Labinot Kastrati, Gezim Hodolli, Lutfi Istrefi, Gazmend Nafezi, Sehad Kadiri, Meleq Bahtijari and Burim Uka	An Analysis of Energy Gradient of Photons and Electrons Irradiations', Produced by Linear Accelerator and its Positive Role in Radiotherapy for Treatment of Cancer Diseases
97	Samia Berouaken, Mounia Benamara, Siham Azrou, Rachid Belouni and Samia Abdi	Infective Endocarditis Caused By Moraxella.Sp
105	Samia Abdi, Mohamed Makrelouf, Yahia Rous, Crystel Bonnet, Christine Petit and Akila Zenati	Discovery Of The C2299G Deletion Of The USH2A Gene In An Algerian Family
131	Yabka Assia, Hamzaoui Bahia and Boukoffa Sacia	Anatomo-radiological correlation of Ankle Ligaments
133	Violeta Mangalagiu, Prof. Ionel Mangalagiu, Dorina Amariuca-Mantu and Vasilichia Antoci	Anticancer activity of some six member ring azaheterocycles
134	Yabka Assia and Hamzaoui Bahia	The deltoid ligament of the ankle joint. Macroscopic and morphometric study
135	Dr. Hamzaoui Bahia, Yabka Assia and Boukoffa Sacia	Macroscopic and morphometric study of the Berrettini anastomosis
136	Bahia Hamzaoui, Yabka Assia, Hind Bensalem and Boukoffa Sacia	Ultrasound study of aneurism of the ulnar artery compressing the trunk of the ulnar nerve at the wrist Case report and anatomical study
192	Youcef Bouchedoub, Mohamed-Lyes Zelti, Mohamed Kherbeche, Aicha Benzitouni, Mounira Semmana and Ali Meghlaoui	Correlation Between Auto Antibodies and HLA Molecules in Algerian Lupus Patients
196	Youcef Bouchedoub, Lynda Ould-Ali, Imane Mahdi, Fatima-Zohra Boulterhal, Rima Babasaci, Nassima Rachedi, Mohamed-Lyes Zelti, Ilheme Khlifati and Ali Meghlaoui	Comparative Study of the Serological and Immunogenetic Profile of Lupus Patients and Rheumatoid Arthritis Patients
202	Ilijir Kurtishi, Vildana Goga, Behar Raci, Labinot Kastrati and Gazmend Nafezi	Analysis and treatment methods of Breast Cancer in Kosovo
277	Samia Abdi, Mohamed Makrelouf, Yahia Rous, Crystel Bonnet, Christine Petit and Akila Zenati	Pendred syndrome : Pituitary dysfunction of genetic origin
281	Nuraniye Eruygur, Fatma Ayaz, Hamide Filiz Ayyildiz and Yavuz Bađci	A comparative study on antioxidant and enzyme inhibition activities of flowers and stems of Spartium junceum L. with chemical composition by HPLC-DAD
296	Katerina Horackova and Petra Ferancová	Monitoring of selected aspects of the sanitary-epidemiological regime in operating rooms
373	Riyadh Muhaidat, Athena McKown, Mazhar Al Zoubi and Muath Alqudah	Characterization of Kranz anatomy and biochemistry of C4 photosynthesis in Calligonum comosum L'Her. (Polygonaceae) from Jordan
386	Chafika Yasmina Amrane, Assia Yabka, Leila Boukabache and Hamid Boulacel	A special situation of the recurrent laryngeal nerve compared to the inferior thyroid artery making it vulnerable during thyroidectomy?

Theme-8: Social and Education Sciences and Applications

Abs. #	Authors	Title
20	Dalila Yamani, Ali Mouhouche and Amal Ait El Djoudi	The Reflective practice for self-assessment and regulating learning

434	Seher Arslankaya	Estimation of Export in Turkey with Artificial Neural Networks and Multiple Linear Regression
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Theme-9: Agricultural and Food Science and Technology

Abs. #	Authors	Title
279	Fatma Ayaz, Nuraniye Eruygur, Yavuz Bağci, Sibel Cari, Süleyman Doğu and Esra Maltaş Çağil	Biological and Phytochemical Evaluation of Endemic Salvia hypargeia Fisch. & Mey., Collected from Different Regions of Turkey

Theme -10: Forestry and Environmental Science and Engineering

Abs. #	Authors	Title
86	Rahal Soufiane and Hadidi Noureddine	Kinetics Treatment of crude oil polluted soil using anionic surfactant
87	Rahal Soufiane and Hadidi Noureddine	Solubilization of dyes by anionic and nonionic surfactants
<u>274</u>	<u>Xulin Du</u> , Linsong Cheng, Jun Chen, Shili Zhu, Junjie Shi	Numerical Simulation for Elliptical SRV in Shale Gas Reservoirs based on a Triple-Porosity Hybrid Model
320	Jovana Grahovac, Ivana Mitrović, Jelena Dodić, Zorana Rončević, Siniša Dodić, Aleksandar Jokić and Mila Grahovac	Plant protection agents production using glycerol-based medium and Streptomyces hygrosopicus: bioprocess analysis
321	Jovana Grahovac, Ivana Pajčin, Vanja Vlajkov, Jelena Dodić, Zorana Rončević, Siniša Dodić and Mila Grahovac	Antimicrobial compounds produced by Bacillus velezensis: biosynthesis, extraction and biocontrol activity against Xanthomonas spp.
322	Samia Beddek, Mouna Hecini, Salaheddine Aoudj and Nadjib Drouiche	Recovery and Characterization of Solid Wastes Generated During the Slicing Process of Silicon Ingots Into Thin Wafers
<u>330</u>	<u>Fatiha Atmani and Nacéra Yeddou Mezenner</u>	Biological Treatment of Urban Wastewater by an Hybrid Biomass
332	Wafa Benraouane	Reduction of haloacetic acids and haloacetitriles using two materials (NF90 and DESA, HL membranes)
352	Mohamed Belmedani , Asma Hemmi, Elhadj Mekatel and Insaf Oulbrahim	The Removal of Tetracycline in Heterogeneous Phase by Different Catalysts under Solar Irradiation.
359	Mohamed Belmedani, Insaf Oulbrahim, Ahmed Belgacem and Hocine Hadoun	Kinetic Investigation on Sonochemical Degradation of Food Dyes E132 and E127 in Aqueous Solution.
463	Naima Azouaou, Hassiba Mokaddem and Zahra Sadaoui	Preparation of Activated Carbon From Cafeterias Wastes For The Removal of Red Congo Dye
468	Hanane Tounsi	Reduction of nitrates from the photovoltaic industry by continuous electrocoagulation.

PRESENTATIONS IN **ICNASEN-2019**

Abs.#	Authors	Title	Presen.
3	Samira Mecherara-Idjeri, Sihem Boubekeur, Assma Toumache and Sabrina Cherad	Effect of atmospheric pollution on chemical composition of volatiles from wild Dill	poster
4	Mohamed Nadjib Boukhatem	In vitro and ex ovo Cytotoxicity of Essential Oils against Human Cancer Cell Lines: A Comprehensive Review	oral
5	Mohamed Nadjib Boukhatem	The Preservative Potential of Essential Oils in a Real Food System: A Comprehensive Review	poster
6	Taoualit Nadjet, Zoubida Chemat-Djenni, Belkacem Belmiloud, Bouchra Chedik and Youcef Bouchedoub	Adsorption of methylene blue from waste water onto layered double oxide "LDH"	poster
8	Assia Siham Hadj-Hamou , Manel Seray and Naima Abdellaoui	Synergy of clay and ZnO nanoparticles on the improvement of the barrier and mechanical properties of Polybutylene adipate terephthalate-based nanocomposite food packaging films	poster
9	Djamila Fouial Djebbar, Reda Djebbar and Imene Ourabia	ACTIVITES ANTIOXYDANTE ET ANTIMICROBIENNE DE L'EXTRAIT METHANOLIQUE DES FLEURS DE CALENDULA OFFICINALIS L. ET CALENDULA ARVENSIS L.	poster
10	Youcef Bouchedoub, Amina Alliche, Asmaa Ali Turqui, Nassima Rachedi, Khadidja Salah, Rabéa Kerrache, Rima Babasaci and Mohamed Kherbeche	Serological and Clinical Profiles of Celiac Disease in the Adult: About 167 Algerian Cases	poster
11	Sihem A Kerrane, Lynda Boudarene, Abderahmane Djouahri, Boualem Saka, Samira Aitmoussa and Fadhela Benseradj	Antimicrobial and chemical composition studies of terpenic compounds isolated from Algerian Haplophyllum tuberculatum (Forssk) during the fruiting stage	poster
12	Fairouz Tazerouti, Fatima Zahra Bendjersi and Yacine Badjah Hadj Ahmed	Analysis of Algerian Laurus Nobilis L. Leaves Extracts by High performance liquide chromatography	poster
13	Baya Boutemeur, Dhaouya Siziani and Yamina Abdi	A One-Pot homogeneous synthesis of amino aryl-4-(6-methyl-3, 4-dioxo-2,3-dihydro-4H furo[3,2c]pyran-2-yl)-4H-chromene-3-carbonitrile Using organo base Catalysis.	poster
14	Nour Elyakine Amraoui and Dalila Hammoutène	DFT description of Copper Cu(I) Interaction with Nucleotides: Adenosine and Thymidine	poster
15	Naima Abdellaoui, Omar Arous, Fatima Bougheriou and Assia Siham Hadj-Hamou	SIMULTANEOUS REMOVAL OF ANIONS AND HEAVY METALS FROM REAL CONTAMINATED WASTEWATER	poster
18	Burak Kurt	Explicit Relations for the Poly-Tangent polynomials with a q-Parameter	oral
19	Burak Kurt	Some Identities A New Class of Modified Degenerate Bernoulli, Euler and Genocchi Polynomials	oral
20	Petr P Prochazka and Martin J Valek	Effect of extreme combustion on different types of fiber reinforced concrete	oral
23	Karima Boudhar and Mahdi Debieche	Evolution of elastic constants with temperature during the transition in mixed compounds K1-xRbxAlF4	poster
24	Mr. Halil Akbaş and Prof. Dr. Gültekin Özdemir	A Multiobjective Optimization Model of Activated Sludge Process	oral
25	Mouatsi Abdelmalek	Density of State in Carbon NanoTube Field Effect Transistor	oral
26	Prof. Naima Bouslah , Leila Bounabi, Nesma Baa Belemssaoud and Ouazib Farid	POLYMER BLENDS BIOCOMPOSITES FOR CONTROLLED DRUG RELEASE OF PARACETAMOL	poster
27	Brahim Bahloul, Khatir Babesse and Azzedine Dekhira	Electronic and Optical Properties of Antifluorite Mg2Si compound under pressure	poster
28	Kateb Chaima and Bahloul Brahim	Structural, electronic and optical properties of BaxSr1-xTe	poster
29	Ms Embarka Boutalbi, Leila Ait- Gougam -Tribeche, Omar Bouzit and Fawzia Mekideche-Chafa	Soliton propagation in a cold quark- gluon plasma	poster

30	Farid. Metref , N. Arous and A. Ouargli	Efficient facilitated transport of lead and cadmium across a plasticized cellulose triacetate and polymer membranes mediated by crown-ethers.	poster
31	Azmi Yuksel and Başak Şen	Makine Öğrenmesi Modellerinin Test Edilmesinde Kullanılan Kara Kutu Test Teknikleri	oral
32	Ferroudja Bali, Fouzia Touahra, Nadia Aider, Baya Djebarri, Zoulikha Abdelsadek, Khaldoune Bachari and Djamila Halliche	A novel Ni-Based catalysts derived from hydrotalcite precursors synthesis by microwave for dry reforming of methane	Poster
33	Sabiha Anas Boussaa, Abdelhak Benkrid, Messaouda Ayachi and Abdenmour Lami	Silicon Nitride Characteristics for Crucible Coating Application	Poster
34	Boukelloul Mohamed Laid and Fellouh Nacereddine	Dimensioning of the pillars of underground mines. Case Studies: Mines of Algeria	oral
35	Leila Badache, Lakhdar Berriche and Amine Gharbi	Mixed Micellization Study of Cationic and Non-ionic Surfactants in Aqueous Solution at Different Temperatures	oral
36	Lusi Susanti and Yogi Kurnia Resky	Applying SMED Methodology and Line Balancing in Retreaded Tire Production	oral
37	Rusfidra Rusfidra	A Review of West Sumatra Local Ducks as Poultry Genetic Resources in Indonesia	oral
38	Badjoudj Salem	Study of the Magnetic Properties of Iron Ore Sidi-Maârouf-Jijel-Algeria-in view of enrichment by Magnetic separation.	poster
39	Abide Tuna Aksoy and Abdilkadir Ceylan Çöken	Cartan Frame of Null Quaternionic Curves in Semi Euclidean 4-Space R_{-2}^4	poster
40	Soraya Nigri, Rayenne. Djemil, Boulanouar Messaoudi and Rabah Oumeddour	Corrosion inhibition of copper in 1M HNO ₃ solution by oleic acid: weight loss, electrochemical methods and quantum chemical calculations	Poster
41	Djemil Rayenne, Messaoudi Boulouar, Cheriet Mounac, Bencheikh Bochraa, Lachi Nadia and Khatmi Djameleddine	MOLECULAR DOCKING OF THE INHIBITION OF CYP3A4 BY GRAPEFRUIT JUICE	poster
42	Abide Tuna Aksoy	A Characterization For Null Quaternionic Curves in	oral
43	Hülya Türk	Carnitine Confers Tolerance to Cadmium Toxicity to Maize Seedlings	oral