|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **ID** | **Title** | **Author** | **Country** |
| 1 | 1 | Technical and environmental study of acid gas Reinjection into SEEPAGE bed in an oil & gas field of Erbil governorate  | *Farhad A. Khoshnaw, Sarhad A. Farkha, Pshtiwan T. Jaf* | Iraq |
| 2 | 2 | Adaptive frequency domain equalizer for MIMO SCFDMA System  | *Maha George* | Iraq |
| 3 | 5 | Voice controlled wheelchair using DSK TMS320C6713  | *Ganesh Babul* | Iraq |
| 4 | 7 | Comparative analysis of disinfection techniques performances in drinking water treatment plant using a process simulation software  | *Hayder M. Issa* | Iraq |
| 5 | 8 | The metaphor of nature as a strategy for modern bathroom design  | *Eman Al-Brefkani* | Cyprus |
| 6 | 9 | The ellipse of position Error  | *Mohammed Anwer Jassim* | Iraq |
| 7 | 10 | Experimental study of the Impact of added packing on performance characteristics of closed wet cooling tower based on energy analysis  | *Qasim Saleh , Hayder Mohammed Jaffal* | Iraq |
| 8 | 11 | The complete switching circuit design for CPU joint body biasing and supply voltage scaling  | *Diary R. Sulaiman, Ibrahim I. Hamarash, Muhammed A. Ibrahim* | Iraq |
| 9 | 13 | The behavior of Glauber's salt as a heat storage material for residential Iraqi buildings  | *Marwa H. Wasmi, Hayder M. Jaffal, Tawfeeq W. Mohammed* | Iraq |
| 10 | 18 | Effect of naco-cerium oxide and water additives on B5 combustion emissions  | *Esmail Khalife, Taha R. Shojaei, Meisam Tabatabaei, Bahman* *Najafi, Mostafa Mirsalim, Mohamad A. Mohd Salleh* | Iran |
| 11 | 19 | Simulation the effect of impact on the mobile cover using solid works analysis  | *Serwan S. Mohammed, Ahmad T. Azeez* | Iraq |
| 12 | 21 | Some mechanical and physical properties of cement mortar reinforced by wires of scrap tires  | *Ahmed H. Ali, Sarmad I. Ibrahim, Mohammed R. Ghakan* | Iraq |
| 13 | 30 | Reducing the effect of total harmonics distortion of synchronous machines  | *Haydar Ahmad , Aree Akram* | Iraq |
| 14 | 32 | Seismic behavior analysis considering soil structure interaction of RC multistory buildings in halabja city.  | *Hunar Farid Hama, Rabar Faraj, Kamaran Mohammed Kareem* | Iraq |
| 15 | 34 | Steganography-based password management: a conceptual model  | *Omed S. Khalind* | Iraq |
| 16 | 35 | Methods of using water additive and its effect on performance and emissions of diesel engine  | *Homa Hosseinzadeh-Bandbafha1, Esmail Khalife, Meisam* *Tabatabaei, Taha R. Shojaei, Mortaza Aghbashlo* | Iran |
| 17 | 36 | Assessment the stones compatibility based on salt weathering tests  | *Assad Al-omari* | Iraq |
| 18 | 38 | Effect of Number of Base Station Antennas on the Performance of Massive MIMO System  | *Bzhar R. Othman, Thuraya M Qaradaghi* | Iraq |
| 19 | 39 | The impact of employed solar systems in architectural projects facades  | *Maysaa M. Alobaidi, Nasma Maan M. Thabit* | Iraq |
| 20 | 40 | Improved data rate 5G c-node-b design with 64x64 MIMO  | *Ibtihal H. Yousif, Jalal J. Hamad Ameen* | Iraq |
| 21 | 41 | A theoretical framework of design strategies that stimulate the process of self-healing for occupations  | *Ghada M. Younis* | Iraq |
| 22 | 42 | Mechanical properties of poly methyl methacrylate filled with orange peels.  | *Reem A. Mohammed, Ahmed Al-Ghabban* | Iraq |
| 23 | 43 | Analyzing the Hypothetical Shock Wave during Mosul Dam Break by Using Geographic Information System and Gene Expression Programming  | *Hindreen M. Nazif* | Iraq |
| 24 | 44 | Determining casagrande liquid limit by cone penetration method  | *Hawkar Hashim Ibrahim,, Krikar Gharrib Noori* | Iraq |
| 25 | 45 | Form-finding in digital architecture: a case study of tower designs.  | *Dhuha A. Al-kazzaz* | Iraq |
| 26 | 46 | Performance improvement of interconnected 400kV, 50Hz Kurdistan and Iraq power systems using proposed HVDC link  | *Truska Kh.Muhammad, Aree Ak*ram | Iraq |
| 27 | 48 | Fabrication, design and analysis of waste chicken feathers fibers composites for automotive doors.  | *Ahmed Mudhafar, Aseel Mahmood, Amar Jabbar* | Iraq |
| 28 | 49 | Broadband Diamond-Patch-Shape Monopole Microstrip Antenna for X-band Applications  | *Halgurd N. Awi, Bzhar R. Othman, Aven R. Hamza* | Iraq |
| 29 | 50 | Study of fault detection techniques for optical fibers  | *Tariq A. Ali, Jalal J. Hamad Ameen* | Iraq |
| 30 | 51 | Study on strength and corrosion performance of slurry infiltrated Fiber Concrete Exposed to Simulated Acid Rain  | *Mays F. Alrubaie, Shakir A. Salih, Waleed A. Abbas* | Iraq |
| 31 | 52 | Development the fracture toughness for the heat cured acrylic by blending it with natural rubber or silicone rubber and reinforced by pomegranate peels powder  | *Sihama I. Salih, Auda J. Braihi, Hussein M. Sadeq* | Iraq |
| 32 | 54 | Design for energy and electromagnetic friendly buildings  | *Riadh Habash, Kristina Djuki, Gandhim Habash, Jonathan Chiasson* | Canada |
| 33 | 55 | Integration of terrestrial laser scanning and digital close-range photogrammetry for heritage documentation  | *Bakhtyar A. Mala , Dleen M. Salih, Haval A. Sadeq* | Iraq |
| 34 | 56 | Locally resonant acoustic metamaterial structures with stop band behavior for muffler applications  | *Saman Ebrahimi-Nejad, Majid Kheybari* | Iran |
| 35 | 58 | Freeze-thaw behavior of gypseous soil  | *Abdulrahman Aldaood, Marwen Bouasker, Amina Khalil, Ibrahim Alkiki, Muzahim Al-mukhtar* | France |
| 36 | 61 | Visualizing and Comparing Performance of Heuristic Algorithms to Play Dots-and-Boxes Game.  | *Sanar Abduljabbar, Polla Fattah, Natasa Milic-Frayling* | UK |
| 37 | 62 | Permanent magnet synchronous motor drive based on maximum boost control Z-source SVPWM  | *Laith A. Mohammed, Basil M. Saied* | Iraq |
| 38 | 63 | The Iraqi practice in urban conservation an assessment of some projects in Baghdad after 1950.  | *Mazin J. Alnemaa, Emad H. Ismaeel, Mumtaz H. Dawood* | Iraq |
| 39 | 64 | Effect of changed family size and composition on determining the optimum size of neighborhoods in Erbil and Kurdistan  | *M I Dizayee* | Iraq |
| 40 | 65 | Influence of the dividing surface notion on the formulation of Tolman's law.  | *M. T. Horsch* | UK |
| 41 | 66 | The possibility of using fiber reinforced self-compacting lightweight concrete for the manufacture of floating structures  | *Danar AltalabanI, Stefan Linsel, Dillshad. K.H. Bzeni* | Germany |
| 42 | 69 | Formation of the topology of a complex constructive structure in a multi criteria problem.  | *V.S.shmukler , Feirusha S. H., O.I. Lugchenko, A.H. Nazhem* | Ukraine |
| 43 | 70 | Benign and malignant breast cancer features based on region characteristics  | *Gullanar M. Hadi* | Iraq |
| 44 | 72 | Adaptive reuse of heritage buildings: old buildings in Mosul as a case study  | *Mafaz T., Anwar M* | Iraq |
| 45 | 74 | Classification of traditional residential buildings in the old city of Mosul using a computer program  | *Assda A. Al-Tuhafi , Khawola F. Mahmoud* | Iraq |
| 46 | 75 | Power allocation in index modulated trigonometric transform based multi-carrier system  | *Samah A. Mustafa* | Iraq |
| 47 | 76 | Fault zone identification in Kurdistan power system using artificial neural network  | *Alaa M. Abdulrahman* | Iraq |
| 48 | 77 | Geometrical and thermodynamical design of a micro-radial turbine for different organic fluids  | *Masood Ebrahimi, Davood Ghasemi, Ali Keshavars* | Iran |
| 49 | 78 | Crisp set tuning of membership functions in fuzzy logic inference systems by probability density functions  | *Farshid Yari, Kaveh Mollazade, Jalal Khodaei* | Iran |
| 50 | 79 | About the possibility for control of nature of seismic effect of bulky material on lateral surface  | *V.S.Shmuler, Feirusha S.H., O.Kalmykov, R. Khalife* | Ukraine |
| 51 | 82 | A novel route for synthesis of ultra-high temperature diboride nanoceramics: magnesiothermic combustion method  | *Maisam Jalaly* | Iran |
| 52 | 83 | Smart cement modified with nano fly ash and micro fiber for oil well applications | *Alaa A. Abdul-hamead, Farhad M. Othman, Doaa M. Abdullah* | Iraq |
| 53 | 84 | Reducing waste of construction materials in civil engineering project in Iraq  | *Mahmood M. Mahdi, Noori S. Ali* | Iraq |
| 54 | 88 | Water as an element of architectural space design-study the psychological impact of water on the users of the space  | *Khawola F. Mahmoud, Hiyam M. Al-Bary, Assda A. Altuhafi* | Iraq |
| 55 | 89 | Permance evaluation of a variable refrigerant flow airconditioning  | *Kawa A. Abdullah* | Iraq |
| 56 | 90 | Implementation of unmanned aerial vehicle for cadastral mapping  | *Rojgar Q. Ismael, Qubad Z. Henari, Azad A. Abdulwahab* | Iraq |
| 57 | 91 | Validation of the computational ansys-cfx code for free surface flow: skimming flow over non-uniform step size stepped spillways  | *Shawnm M. Saleh, Sarhang M. Hussain* | Iraq |
| 58 | 100 | Essential Treatment Processes for Industrial wastewaters and Reusing for | *Shuokr Q. Aziz , Shawnm M. Saleh, Imad A. Omar* | Iraq |
| 59 | 101 | Comparative study of the flexural strength and impact strength properties between two types of the ternary polymer blends.  | *Sihama I. Salih, Wafaa M. Salih, Teeb A. Mohameed* | Iraq |
| 60 | 102 | Comparison and assessment of using primavera and Microsoft project in construction projects in Erbil city.  | *Khalil I.. Wali, Shamal A. Othman* | Iraq |
| 61 | 104 | Study on the Ti-C/nano-ceramic additives reaction due to sintering of elemental powders.  | *Ahmed al-Ghaban, Niveen Jamal, Hadeel Ahmed* | Iraq |
| 62 | 106 | Analytical framework for the capacity and delay quantification wireless sensor network(WSN)  | *Teba A. Ihad, Sara A.Alwash, Mahmood F. Mosleh* | Iraq |
| 63 | 107 | Decision-making tool for energy and thermal comfort optimization using passive strategies  | *Istvan Kistelegdi, Chro Hama Radha, Baranyai Balint* | Hungary |
| 64 | 109 | An investigation into the effect of regular polygonal crosssections on the thermal performance of microchannel heat sinks  | *Salman Soltanian, Fatemeh Almasi, Mohammad Reza Shetab* | Iran |
| 65 | 110 | Ethanol production from municipal solid waste  | *Peyman Mahmoodi, Keikhosro Karimi* | Iran |
| 66 | 111 | Using inertia sensors for orientation estimation of two links robot manipulator  | *Dler S. Hasan, Carl Crane, Ibrahim I. Hamarash* | USA |
| 67 | 112 | An experimental investigation into the factors affecting strength and flowability of geopolymer binder  | *Ahmed S. Jamal, Dilshad K. Bzeni, Takafumi Noguchi* | Japan |
| 68 | 113 | Effect of heat input condition on the microstructure and mechanical properties of the stir welded high-Ni TRIP steel joints | *H.G. Tehrani-Moghhadam, H.R. Jafarian* | Iran |
| 69 | 114 | A new hybrid differential evolution with gradient search for level set topology optimization  | *Javad Marzbanard, Pooya R. Varnousfaderani* | Iran |
| 70 | 115 | Analytical and numerical acoustic behavior of an automotive passenger compartment in order to reduce interior noise level with viscoelastic material  | *Javad Marzbanrad, Mehdi Mozaffarikhah, Mohammad Hafezian* | Iran |
| 71 | 116 | Optimization of spacer-filled channel hydrodynamics and mass transfer using CFD simulations coupled with RSM | *Mahdi Moghimi, Nematollah Mansoure* | Iran |
| 72 | 117 | Energy analysis of a novel continuous solar-driven hydrogen production system assisted by absorption refrigeration system  | *Mahdi Moghimi, Hossein Pourrahmani* | Iran |
| 73 | 118 | 118-Continuous control set model predictive control (CCS-MPC) of a three-phase rectifier  | *Mohammad shadnam, Masood Saeidi, Abolfazi Yahedi, Hossein Azizi* | Iran |
| 74 | 119 | Fabrication of superhydrophobic CuO-ZnO nanostructural films on the stainless steel meshes for oil-water separation  | *Elmira Velayi, Reza Norouzbeigi* | Iran |
| 75 | 120 | Irreversible demagnetization analysis of the line start permanent magnet motor using time stepping finite element method  | *Farshid Mahmouditabar, Abolfal Vahedi* | Iran |
| 76 | 121 | Efficient implementation of multi-polar multi control quantum gates  | *Saeed Kohzadi* | Iran |
| 77 | 122 | Transient stability assessment using energy function of the power system | *Hamid R. Shabani, Mohsen Kalantar* | Iran |
| 78 | 123 | Comparison between neuman and dupuit for pumping test in water table aquifer | *Dana K. Mawlood , Srwa O. Ismail* | Iraq |