

Marischa Elveny

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

691
citations

623188

14
h-index

642321

23
g-index

69
all docs

69
docs citations

69
times ranked

347
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Application of micro and porous materials as nano-reactors. <i>Reviews in Inorganic Chemistry</i> , 2022, 42, 121-136. | 1.8 | 21 |
| 2 | Artificial Intelligence simulation of water treatment using nanostructure composite ordered materials. <i>Journal of Molecular Liquids</i> , 2022, 345, 117046. | 2.3 | 12 |
| 3 | Natural convection of water and nano-emulsion phase change material inside a square enclosure to cool the electronic components. <i>International Journal of Energy Research</i> , 2022, 46, 2403-2417. | 2.2 | 16 |
| 4 | Numerical investigation of water forced convection inside a copper metal foam tube: Genetic algorithm (GA) based fuzzy inference system (GAFIS) contribution with CFD modeling. <i>International Journal of Heat and Mass Transfer</i> , 2022, 182, 122016. | 2.5 | 11 |
| 5 | Creep Deformation of Zr55Co25Al15Ni5 Bulk Metallic Glass Near Glass Transition Temperature: A Nanoindentation Study. <i>Transactions of the Indian Institute of Metals</i> , 2022, 75, 673-680. | 0.7 | 3 |
| 6 | Computational fluid dynamic simulations to improve heat transfer in shell tube heat exchangers. <i>International Journal of Chemical Reactor Engineering</i> , 2022, 20, 749-764. | 0.6 | 1 |
| 7 | A new fingerprint authentication coplanar scheme based on quantum-dot cellular automata. <i>Optik</i> , 2022, 251, 168463. | 1.4 | 2 |
| 8 | Implementation of Renewable Energy Indicators to Manage Water Supply Resources. <i>Asian Journal of Water, Environment and Pollution</i> , 2022, 19, 23-26. | 0.4 | 0 |
| 9 | Corrigendum to "Estimation of Isentropic Compressibility of Biodiesel Using ELM Strategy: Application in Biofuel Production Processes". <i>BioMed Research International</i> , 2022, 2022, 1-1. | 0.9 | 0 |
| 10 | Text File Compression Using Hybrid Run Length Encoding (Rle) Algorithm With Even Rodeh Code (Erc) And Variable Length Binary Encoding (Vlbe) To Save Storage Space. <i>Journal of Physics: Conference Series</i> , 2021, 1830, 012022. | 0.3 | 2 |
| 11 | Data science: A Review towards the Big Data Problems. <i>Journal of Physics: Conference Series</i> , 2021, 1898, 012006. | 0.3 | 2 |
| 12 | Sensitivity of MAPE using detection rate for big data forecasting crude palm oil on k-nearest neighbor. <i>International Journal of Electrical and Computer Engineering</i> , 2021, 11, 2696. | 0.5 | 4 |
| 13 | Estimation of Isentropic Compressibility of Biodiesel Using ELM Strategy: Application in Biofuel Production Processes. <i>BioMed Research International</i> , 2021, 2021, 1-7. | 0.9 | 3 |
| 14 | Application of a Supervised Learning Machine for Accurate Prognostication of Hydrogen Contents of Bio-Oil. <i>International Journal of Chemical Engineering</i> , 2021, 2021, 1-8. | 1.4 | 4 |
| 15 | Engineering of Novel Fe-Based Bulk Metallic Glasses Using a Machine Learning-Based Approach. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 12417-12425. | 1.7 | 23 |
| 16 | CFD-based simulation to reduce greenhouse gas emissions from industrial plants. <i>International Journal of Chemical Reactor Engineering</i> , 2021, 19, 1179-1186. | 0.6 | 32 |
| 17 | Substituent effects of fused Hammick germlylenes: Estimating the stability and reactivity using density functional theory. <i>Journal of Physical Organic Chemistry</i> , 2021, 34, e4262. | 0.9 | 7 |
| 18 | Velocity prediction of Cu/water nanofluid convective flow in a circular tube: Learning CFD data by differential evolution algorithm based fuzzy inference system (DEFIS). <i>International Communications in Heat and Mass Transfer</i> , 2021, 126, 105373. | 2.9 | 21 |

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|----|---|-----|-----------|
| 19 | A paradigm shift in cell-free approach: the emerging role of MSCs-derived exosomes in regenerative medicine. <i>Journal of Translational Medicine</i> , 2021, 19, 302. | 1.8 | 120 |
| 20 | Current Challenges and Advancements on the Management of Water Retreatment in Different Production Operations of Shale Reservoirs. <i>Water (Switzerland)</i> , 2021, 13, 2131. | 1.2 | 1 |
| 21 | Machine learning based simulation of water treatment using LDH/MOF nanocomposites. <i>Environmental Technology and Innovation</i> , 2021, 23, 101805. | 3.0 | 14 |
| 22 | A New Hybrid Algorithm for Multi-Objective Reactive Power Planning via FACTS Devices and Renewable Wind Resources. <i>Sensors</i> , 2021, 21, 5246. | 2.1 | 3 |
| 23 | Developing a multilateral-based neural network model for engineering of high entropy amorphous alloys. <i>Modelling and Simulation in Materials Science and Engineering</i> , 2021, 29, 065019. | 0.8 | 7 |
| 24 | Implementing PSO-ELM Model to Approximate Trolox Equivalent Antioxidant Capacity as One of the Most Important Biological Properties of Food. <i>BioMed Research International</i> , 2021, 2021, 1-7. | 0.9 | 4 |
| 25 | Predicting soil organic carbon by integrating Landsat 8 OLI, GIS and data mining techniques in semi-arid region. <i>Earth Science Informatics</i> , 2021, 14, 2113-2122. | 1.6 | 10 |
| 26 | Role of Cryogenic Cycling Rejuvenation on Flow Behavior of ZrCuAlNiAg Metallic Glass at Relaxation Temperature. <i>Transactions of the Indian Institute of Metals</i> , 2021, 74, 3241-3247. | 0.7 | 21 |
| 27 | Forecasting Daily Electricity Price by Hybrid Model of Fractional Wavelet Transform, Feature Selection, Support Vector Machine and Optimization Algorithm. <i>Electronics (Switzerland)</i> , 2021, 10, 2214. | 1.8 | 6 |
| 28 | Computational simulation and modelling of uranium extraction using tributylphosphate through membrane extractor. <i>Scientific Reports</i> , 2021, 11, 17818. | 1.6 | 1 |
| 29 | Incorporation of Bi ₂ O ₃ Residuals with Metallic Bi as High Performance Electrocatalyst toward Hydrogen Evolution Reaction. <i>Catalysts</i> , 2021, 11, 1099. | 1.6 | 20 |
| 30 | The Economic Evaluation of Methanol and Propylene Production from Natural Gas at Petrochemical Industries in Iran. <i>Sustainability</i> , 2021, 13, 9990. | 1.6 | 22 |
| 31 | Influence of material positioning during modified friction stir clinching brazing of Al/Zn/Cu welds. <i>Materials Letters</i> , 2021, 301, 130250. | 1.3 | 7 |
| 32 | Computational simulation of critical speed and dynamic analysis of agglomerated CNTs/fiber/polymer/metal laminates rotating cylindrical shell. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103358. | 2.3 | 4 |
| 33 | Adsorption of thallium from wastewater using disparate nano-based materials: A systematic review. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103382. | 2.3 | 17 |
| 34 | A state-of-the-art review on the application of various pharmaceutical nanoparticles as a promising technology in cancer treatment. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103352. | 2.3 | 27 |
| 35 | Improving the rheological properties and thermal stability of water-based drilling fluid using biogenic silica nanoparticles. <i>Energy Reports</i> , 2021, 7, 6162-6171. | 2.5 | 9 |
| 36 | Simultaneous injection of chemical agents and carbon dioxide to enhance the sweep efficiency from fractured tight core samples. <i>Energy Reports</i> , 2021, 7, 5639-5646. | 2.5 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Carbon dioxide-based enhanced oil recovery methods to evaluate tight oil reservoirs productivity: A laboratory perspective coupled with geo-sequestration feature. Energy Reports, 2021, 7, 4697-4704. | 2.5 | 9 |
| 38 | Implementation of artificial intelligence and support vector machine learning to estimate the drilling fluid density in high-pressure high-temperature wells. Energy Reports, 2021, 7, 4106-4113. | 2.5 | 15 |
| 39 | A laboratory approach to enhance oil recovery factor in a low permeable reservoir by active carbonated water injection. Energy Reports, 2021, 7, 3149-3155. | 2.5 | 5 |
| 40 | Enhanced X-band wave dissipation performance in bilayer absorber composed of bare epoxy resin and epoxy resin filled with [CaTiO ₃ /ZnFe ₂ O ₄] _@ C nanocomposite. Journal of Magnetism and Magnetic Materials, 2021, 539, 168385. | 1.0 | 11 |
| 41 | Evaluation and Classification Risks of Implementing Blockchain in the Drug Supply Chain with a New Hybrid Sorting Method. Sustainability, 2021, 13, 11466. | 1.6 | 10 |
| 42 | Numerical investigation of nanofluid flow using CFD and fuzzy-based particle swarm optimization. Scientific Reports, 2021, 11, 20973. | 1.6 | 8 |
| 43 | Prediction of CO ₂ solubility in electrolyte solutions using the e-PHSC equation of state. Journal of Supercritical Fluids, 2021, 180, 105454. | 1.6 | 2 |
| 44 | The molecular mechanisms and therapeutic potential of EZH2 in breast cancer. Life Sciences, 2021, 286, 120047. | 2.0 | 15 |
| 45 | Influence of Different Rotations of Organic Formamidinium Molecule on Electronic and Optical Properties of FAPbBr ₃ Perovskite. Coatings, 2021, 11, 1341. | 1.2 | 21 |
| 46 | Optimal parameters estimation of the PEMFC using a balanced version of Water Strider Algorithm. Energy Reports, 2021, 7, 6876-6886. | 2.5 | 7 |
| 47 | Advanced Binder-Free Electrode Based on CuCo ₂ O ₄ Nanowires Coated with Polypyrrole Layer as a High-Performance Nonenzymatic Glucose Sensing Platform. Coatings, 2021, 11, 1462. | 1.2 | 1 |
| 48 | Prediction of Sand Production Through Porous Media: Mechanisms and Challenges to Optimising the Inefficiencies. Asian Journal of Water, Environment and Pollution, 2021, 18, 45-52. | 0.4 | 0 |
| 49 | Optimization of PEMFC Model Parameters Using Meta-Heuristics. Sustainability, 2021, 13, 12771. | 1.6 | 73 |
| 50 | Classification of Beef Freshness With Color and Texture Feature Extraction Using Learning Vector Quantization Algorithm. , 2021, , . | | 0 |
| 51 | Mathematic. Journal of Physics: Conference Series, 2020, 1566, 012030. | 0.3 | 1 |
| 52 | Implementation of Linear Congruential Generator (LCG) Algorithm, Most Significant Bit (MSB) and Fibonacci Code in Compression and Security Messages Using Images. Journal of Physics: Conference Series, 2020, 1566, 012015. | 0.3 | 2 |
| 53 | A similarity for new meanings. , 2020, , . | | 1 |
| 54 | Performance Knowledge Acceleration Optimization with MARS to Customer Behavior in Merchant Ecosystem. , 2020, , . | | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Similarity Approach Based to Customer Behavior for Trade Business Metrics. Journal of Physics: Conference Series, 2020, 1641, 012053. | 0.3 | 1 |
| 56 | Identification of Tuberculosis (TB) Disease Based on Lung X-Rays using Extreme Learning Machine. Journal of Physics: Conference Series, 2020, 1566, 012085. | 0.3 | 1 |
| 57 | Enhanced Knowledge Acceleration Estimator Optimally with MARS to Business Metrics in Merchant Ecosystem. , 2020, , . | | 2 |
| 58 | Clustering Large DataSet™ to Prediction Business Metrics. Advances in Intelligent Systems and Computing, 2020, , 1117-1127. | 0.5 | 2 |
| 59 | Taxonomy Business Model to Customer Behaviour in E-Metric Ecosystem. Journal of Advanced Research in Dynamical and Control Systems, 2020, 12, 99-104. | 0.3 | 3 |
| 60 | Identification of Diabetic Retinopathy with Retinal Fundus Imagery Using Probabilistic Neural Network. Journal of Physics: Conference Series, 2020, 1641, 012055. | 0.3 | 2 |
| 61 | A semantic interpretations of citation as assumptions. Journal of Physics: Conference Series, 2019, 1235, 012112. | 0.3 | 0 |
| 62 | Information Retrieval on social network: An Adaptive Proof. IOP Conference Series: Materials Science and Engineering, 2018, 300, 012055. | 0.3 | 13 |
| 63 | Studies on behaviour of information to extract the meaning behind the behaviour. Journal of Physics: Conference Series, 2017, 801, 012022. | 0.3 | 6 |
| 64 | Behavior of the resources in the growth of social network. , 2015, , . | | 7 |
| 65 | Disaster Forecasting Approach in Indonesia: A Fuzzy Time Series - Markov Chain Model. SSRN Electronic Journal, 0, , . | 0.4 | 0 |