

Ashwani Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

282
papers

8,142
citations

53794

45
h-index

79698

73
g-index

284
all docs

284
docs citations

284
times ranked

8465
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconfiguration of food grain supply network amidst COVID-19 outbreak: an emerging economy perspective. <i>Annals of Operations Research</i> , 2024, 335, 1177-1207.	4.1	7
2	Green Finance Barriers and Solution Strategies for Emerging Economies: The Case of India. <i>IEEE Transactions on Engineering Management</i> , 2024, 71, 414-425.	3.5	5
3	Eucalyptus: phytochemical composition, extraction methods and food and medicinal applications. <i>Advances in Traditional Medicine</i> , 2023, 23, 369-380.	2.0	5
4	Recent Advances in Extraction, Techno-functional Properties, Food and Therapeutic Applications as Well as Safety Aspects of Natural and Modified Stabilizers. <i>Food Reviews International</i> , 2023, 39, 2233-2276.	8.4	7
5	Applying the theory of reasoned action to examine consumers' attitude and willingness to purchase organic foods. <i>International Journal of Consumer Studies</i> , 2023, 47, 118-135.	11.6	11
6	How can banks and finance companies incorporate value chain factors in their risk management strategy? The case of agro-food firms. <i>Business Strategy and the Environment</i> , 2023, 32, 858-877.	14.3	1
7	A hybrid decision model for supplier selection in Online Fashion Retail (OFR). <i>International Journal of Logistics Research and Applications</i> , 2022, 25, 27-51.	8.8	12
8	Modelling and prioritizing the factors for online apparel return using BWM approach. <i>Electronic Commerce Research</i> , 2022, 22, 843-873.	5.0	17
9	EVBlocks: A Blockchain-Based Secure Energy Trading Scheme for Electric Vehicles underlying 5G-V2X Ecosystems. <i>Wireless Personal Communications</i> , 2022, 127, 1943-1983.	2.7	11
10	Critical success factors influencing artificial intelligence adoption in food supply chains. <i>International Journal of Production Research</i> , 2022, 60, 4621-4640.	7.5	66
11	Business continuity through customer engagement in sustainable supply chain management: outlining the enablers to manage disruption. <i>Environmental Science and Pollution Research</i> , 2022, 29, 14999-15017.	5.3	9
12	Densities, viscosities, speeds of sound and refractive indices for binary mixtures of N-Vinyl-2-pyrrolidinone with n-Alcohols (C ₄ -C ₇) at 293.15 to 313.15 K. <i>Physics and Chemistry of Liquids</i> , 2022, 60, 409-426.	1.2	6
13	Role of millets in disease prevention and health promotion. , 2022, , 341-357.		3
14	Nanoemulsions: Techniques for the preparation and the recent advances in their food applications. <i>Innovative Food Science and Emerging Technologies</i> , 2022, 76, 102914.	5.6	43
15	A Chromo-Fluorogenic Naphthoquinolinedione-Based Probe for Dual Detection of Cu ²⁺ and Its Use for Various Water Samples. <i>Molecules</i> , 2022, 27, 785.	3.8	7
16	Salt Tolerant Eggplant Rootstocks Modulate Sodium Partitioning in Tomato Scion and Improve Performance under Saline Conditions. <i>Agriculture (Switzerland)</i> , 2022, 12, 183.	3.1	19
17	Sustainable waste electrical and electronic equipment management guide in emerging economies context: A structural model approach. <i>Journal of Cleaner Production</i> , 2022, 336, 130391.	9.3	25
18	A cloud-based buyer-seller watermarking protocol (CB-BSWP) using semi-trusted third party for copy deterrence and privacy preserving. <i>Multimedia Tools and Applications</i> , 2022, 81, 21417-21448.	3.9	13

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19	Salt Removal through Residue-Filled Cut-Soiler Simulated Preferential Shallow Subsurface Drainage Improves Yield, Quality and Plant Water Relations of Mustard (<i>Brassica juncea</i> L.). <i>Sustainability</i> , 2022, 14, 4146.	3.2	2
20	Interaction behavior of sucrose in aqueous tributylmethylammonium chloride solutions at various temperatures: A volumetric, ultrasonic and viscometric study. <i>Chemical Thermodynamics and Thermal Analysis</i> , 2022, 6, 100043.	1.5	4
21	Development of 1,3-acetonedicarboxylate-derived glucoside amphiphiles (ACAs) for membrane protein study. <i>Chemical Science</i> , 2022, 13, 5750-5759.	7.4	5
22	Urban Water Resilience in Landscape of Digitally Connected Built Environment: An Assessment Matrix for Cities of Developing Nations. <i>ECS Transactions</i> , 2022, 107, 18457-18464.	0.5	0
23	Sustainability Attributes of Transformation in Vernacular Architecture of Chhattisgarh. <i>ECS Transactions</i> , 2022, 107, 18969-18978.	0.5	0
24	Smart Healthcare: Disease Prediction Using the Cuckoo-Enabled Deep Classifier in IoT Framework. <i>Scientific Programming</i> , 2022, 2022, 1-11.	0.7	4
25	CoySVM-(GeD): Coyote Optimization-Based Support Vector Machine Classifier for Cancer Classification Using Gene Expression Data. <i>Journal of Sensors</i> , 2022, 2022, 1-9.	1.1	3
26	SmHeSol (IoT-BC): Smart Healthcare Solution for Future Development Using Speech Feature Extraction Integration Approach with IoT and Blockchain. <i>Journal of Sensors</i> , 2022, 2022, 1-13.	1.1	7
27	CORAL: Quantitative Structure Retention Relationship (QSRR) of flavors and fragrances compounds studied on the stationary phase methyl silicone OV-101 column in gas chromatography using correlation intensity index and consensus modelling. <i>Journal of Molecular Structure</i> , 2022, 1265, 133437.	3.6	14
28	Salinity Stress Tolerance in Potato Cultivars: Evidence from Physiological and Biochemical Traits. <i>Plants</i> , 2022, 11, 1842.	3.5	15
29	A review on the nutritional composition, phytochemicals, and health benefits of barberry: An insight into culinary applications and future prospects. <i>Journal of Food Processing and Preservation</i> , 2022, 46, .	2.0	1
30	Health effects, sources, utilization and safety of tannins: a critical review. <i>Toxin Reviews</i> , 2021, 40, 432-444.	3.4	90
31	<i>In silico</i> exploration of the fingerprints triggering modulation of glutaminyl cyclase inhibition for the treatment of Alzheimer's disease using SMILES based attributes in Monte Carlo optimization. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 7181-7193.	3.5	10
32	<i>In-silico</i> identification of fingerprint of pyrazolyl sulfonamide responsible for inhibition of N-myristoyltransferase using Monte Carlo method with index of ideality of correlation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 5014-5025.	3.5	13
33	Effect of Rose Syrup and Marigold Powder on the Physicochemical, Phytochemical, Sensorial and Storage Properties of Nutricereals and Milk-Based Functional Beverage. <i>Journal of the American College of Nutrition</i> , 2021, 40, 133-140.	1.8	4
34	Design, synthesis, antimicrobial evaluation and <i>in silico</i> studies of symmetrical bis (urea-1,2,3-triazole) hybrids. <i>Research on Chemical Intermediates</i> , 2021, 47, 1087-1103.	2.7	15
35	Ameliorants and salt tolerant varieties improve rice-wheat production in soils undergoing sodification with alkali water irrigation in Indo-Gangetic Plains of India. <i>Agricultural Water Management</i> , 2021, 243, 106492.	5.6	44
36	Cytotoxicity of quantum dots: Use of quasiSMILES in development of reliable models with index of ideality of correlation and the consensus modelling. <i>Journal of Hazardous Materials</i> , 2021, 402, 123777.	12.4	42

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37	Design, synthesis, anticancer and antioxidant activities of amide linked 1,4-disubstituted 1,2,3-triazoles. Journal of Molecular Structure, 2021, 1226, 129255.	3.6	22
38	Facile synthesis, antimicrobial evaluation and molecular docking studies of pyrazole-imidazole-triazole hybrids. Journal of Molecular Structure, 2021, 1223, 129216.	3.6	15
39	Pentacoordinated diorganotin(IV) complexes resulting from tridentate (NOO) donor Schiff bases: Synthesis, characterization, <i>in vitro</i> antioxidant, antimicrobial activities, and QSAR studies. Phosphorus, Sulfur and Silicon and the Related Elements, 2021, 196, 119-132.	1.6	9
40	Variability of durum wheat genotypes in terms of physio-biochemical traits against salinity stress. Cereal Research Communications, 2021, 49, 45-54.	1.6	9
41	Tankyrase inhibitors: emerging and promising therapeutics for cancer treatment. Medicinal Chemistry Research, 2021, 30, 50-73.	2.4	10
42	Identification of good and bad fragments of tricyclic triazinone analogues as potential PKC- δ inhibitors through SMILES-based QSAR and molecular docking. Structural Chemistry, 2021, 32, 149-165.	2.0	18
43	Colorimetric quantification of α -tocopherol (vitamin E) in pure form and different comestible samples by using newly synthesized tetrazolium salts. Journal of the Iranian Chemical Society, 2021, 18, 429-443.	2.2	2
44	Synthesis, molecular docking and QSAR study of thiazole clubbed pyrazole hybrid as α -amylase inhibitor. Journal of Biomolecular Structure and Dynamics, 2021, 39, 91-107.	3.5	51
45	Hydrogen sulfide-induced GAPDH sulfhydration disrupts the CCAR2-SIRT1 interaction to initiate autophagy. Autophagy, 2021, 17, 3511-3529.	9.1	36
46	Prediction of Loan Scoring Strategies Using Deep Learning Algorithm for Banking System. Advances in Science, Technology and Innovation, 2021, , 115-121.	0.4	2
47	Analyzing the Need of Edge Computing for Internet of Things (IoT). Lecture Notes in Networks and Systems, 2021, , 203-212.	0.7	2
48	Addressing Transparency Vis-a-Vis Privacy in Portability of Health Insurance Through Blockchain. Advances in Science, Technology and Innovation, 2021, , 407-411.	0.4	0
49	Biofilm formation in the lung contributes to virulence and drug tolerance of Mycobacterium tuberculosis. Nature Communications, 2021, 12, 1606.	12.8	99
50	Security & Privacy in Digital Image Watermarking: Recent Trends and Scope. Recent Patents on Engineering, 2021, 15, 187-187.	0.4	0
51	Agile Approach as a Universal Remedy for the Usual Failure in the Development of Software Projects. Recent Patents on Engineering, 2021, 15, 188-194.	0.4	3
52	AnSMart: A SVM-based anomaly detection scheme via system profiling in Smart Grids. , 2021, , .		7
53	Sensitive detection of DMSO/DMF in water, human urine and blood plasma using novel 1,8-naphthalimide-based amphiphilic spectroscopic probes. Dyes and Pigments, 2021, 189, 109240.	3.7	15
54	Industry 4.0, cleaner production and circular economy: An integrative framework for evaluating ethical and sustainable business performance of manufacturing organizations. Journal of Cleaner Production, 2021, 295, 126253.	9.3	169

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55	Bioenergetic Heterogeneity in Mycobacterium tuberculosis Residing in Different Subcellular Niches. MBio, 2021, 12, e0108821.	4.1	4
56	Effect of choline chloride and urea based deep eutectic solvent on the physicochemical properties of salicylic acid and salicylamide at T _A =Å(288.15 to 313.15)ÅK. Journal of Molecular Liquids, 2021, 334, 116500.	4.9	9
57	Netnography. International Journal of Electronic Government Research, 2021, 17, 63-83.	1.1	0
58	Efficient Machine Learning Model for Intrusion Detectionâ€™A Comparative Study. Advances in Intelligent Systems and Computing, 2021, , 435-444.	0.6	0
59	Resume Screening Using Natural Language Processing and Machine Learning: A Systematic Review. Advances in Intelligent Systems and Computing, 2021, , 207-214.	0.6	7
60	Rice bean (<i>Vigna umbellata</i>) based readyâ€™toâ€™eat geriatric premix: Optimization and analysis. Journal of Food Processing and Preservation, 2021, 45, e16075.	2.0	2
61	Preparation, Characterization and Properties of some Acrylic Base Latex: A Review. Oriental Journal of Chemistry, 2021, 37, 1002-1016.	0.3	3
62	Development of nutricereals and milkâ€™based beverage: Process optimization and validation of improved nutritional properties. Journal of Food Process Engineering, 2020, 43, e13025.	2.9	14
63	Nucleobase sequence based building up of reliable QSAR models with the index of ideality correlation using Monte Carlo method. Journal of Biomolecular Structure and Dynamics, 2020, 38, 3296-3306.	3.5	40
64	A Review on Implementation of Digital Image Watermarking Techniques Using LSB and DWT. Advances in Intelligent Systems and Computing, 2020, , 595-602.	0.6	22
65	Evaluating green performance of the airports using hybrid BWM and VIKOR methodology. Tourism Management, 2020, 76, 103941.	9.8	122
66	Pyridoanthrone-based chromo-fluorogenic amphiphiles for selective CNâ€™ ³⁺ detection and their bioimaging application. Sensors and Actuators B: Chemical, 2020, 304, 127396.	7.8	25
67	Reductive Stress: New Insights in Physiology and Drug Tolerance of <i>Mycobacterium</i> . Antioxidants and Redox Signaling, 2020, 32, 1348-1366.	5.4	30
68	A dual-responsive anthrapyridone-triazole-based probe for selective detection of Ni ²⁺ and Cu ²⁺ : A mimetic system for molecular logic gates based on color change. Dyes and Pigments, 2020, 174, 108092.	3.7	30
69	Solution properties of an antidiabetic drug metformin hydrochloride in aqueous urea and thiourea solutions: A physicochemical study. Journal of Molecular Liquids, 2020, 300, 111985.	4.9	15
70	The index of ideality of correlation: A statistical yardstick for better QSAR modeling of glucokinase activators. Structural Chemistry, 2020, 31, 831-839.	2.0	33
71	A facile microwave synthesis of Cr-doped CdS QDs and investigation of their physical properties for optoelectronic applications. Applied Nanoscience (Switzerland), 2020, 10, 3973-3985.	3.1	24
72	Efficient Microwaveâ€™Assisted Synthesis, In Vitro Antimicrobial Evaluation of Furo[3,2â€™]pyrones and Furo[3,2â€™]coumarins along with Molecular Docking Studies. ChemistrySelect, 2020, 5, 14041-14049.	1.5	4

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73	Process optimisation for saccharification and fermentation of wheat straw for the production of single cell protein. International Journal of Environment and Waste Management, 2020, 25, 176.	0.3	0
74	A review of antimalarial activity of two or three nitrogen atoms containing heterocyclic compounds. Medicinal Chemistry Research, 2020, 29, 1723-1750.	2.4	23
75	Quantitative structure toxicity analysis of ionic liquids toward acetylcholinesterase enzyme using novel QSTR models with index of ideality of correlation and correlation contradiction index. Journal of Molecular Liquids, 2020, 318, 114055.	4.9	27
76	Synthesis, characterization and biological activities of sulfonamide tagged 1,2,3-triazoles. Synthetic Communications, 2020, 50, 3443-3461.	2.1	6
77	Novel rare earth Dy doping impact on physical properties of PbI ₂ nanostructures synthesized by microwave route for optoelectronics. Materials Characterization, 2020, 170, 110688.	4.4	7
78	CORAL: QSAR models of CB1 cannabinoid receptor inhibitors based on local and global SMILES attributes with the index of ideality of correlation and the correlation contradiction index. Chemometrics and Intelligent Laboratory Systems, 2020, 200, 103982.	3.5	46
79	A novel anthrapyridone diamine-based probe for selective and distinctive Cu ²⁺ and Hg ²⁺ sensing in aqueous solution; utility as molecular logic gates. Dyes and Pigments, 2020, 181, 108522.	3.7	30
80	Object Recognition and Detection in Remote Sensing Images: A Comparative Study. , 2020, , .		18
81	Synthesis, antimicrobial potency with in silico study of Boc-leucine-1,2,3-triazoles. Steroids, 2020, 161, 108675.	1.8	14
82	Synthesis and antidiabetic evaluation of benzimidazole-ethered 1,2,3-triazoles. Archiv Der Pharmazie, 2020, 353, e2000090.	4.1	42
83	Apparent molar volume, isentropic compressibilities, viscosity B-coefficients and activation parameters of thiamine hydrochloride in aqueous solutions of saccharides at different temperatures. Journal of Chemical Thermodynamics, 2020, 150, 106228.	2.0	21
84	Object Detection System Based on Convolution Neural Networks Using Single Shot Multi-Box Detector. Procedia Computer Science, 2020, 171, 2610-2617.	2.0	63
85	Index of ideality of correlation and correlation contradiction index: a confluent perusal on acetylcholinesterase inhibitors. Molecular Simulation, 2020, 46, 777-786.	2.0	11
86	Process optimization for the development of a synbiotic beverage based on lactic acid fermentation of nutriceals and milk-based beverage. LWT - Food Science and Technology, 2020, 131, 109774.	5.2	17
87	Use of Graph Based Descriptors for Determination of Structural Features Causing Modulation of Fructose-1,6-Bisphosphatase. Drug Research, 2020, 70, 226-232.	1.7	5
88	Prioritizing and Establishing Cause and Effect Relationships Among Financial Reporting Quality Metrics. Vision, 2020, 24, 330-344.	2.4	3
89	Synthesis, Antimicrobial Activity, Molecular Docking and DFT Study: Aryl-Carbamic Acid 1-Benzyl-1 <i>H</i> -[1,2,3]Triazol-4-ylmethyl Esters. ChemistrySelect, 2020, 5, 6723-6729.	1.5	21
90	Leaf stripping: an alternative strategy to manage banded leaf and sheath blight of maize. Indian Phytopathology, 2020, 73, 203-211.	1.2	12

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91	Construction of pioneering quantitative structure activity relationship screening models for abuse potential of designer drugs using index of ideality of correlation in monte carlo optimization. Archives of Toxicology, 2020, 94, 3069-3086.	4.2	22
92	Development of a framework for selecting a sustainable location of waste electrical and electronic equipment recycling plant in emerging economies. Journal of Cleaner Production, 2020, 277, 122645.	9.3	37
93	Analysis of interactions between streptomycin sulphate and aqueous food acids (L-ascorbic acid and) Tj ETQq1 1 0.784314 rgBT /Ove 151, 106207.	2.0	17
94	Design, synthesis, biological activity, molecular docking and computational studies on novel 1,4-disubstituted-1,2,3-Triazole-Thiosemicarbazone hybrid molecules. Journal of Molecular Structure, 2020, 1209, 127951.	3.6	36
95	5-Fluoro-1H-indole-2,3-dione-triazoles- synthesis, biological activity, molecular docking, and DFT study. Journal of Molecular Structure, 2020, 1209, 127982.	3.6	53
96	Synthesis, characterization, $\hat{\pm}$ -glucosidase inhibition and molecular modeling studies of some pyrazoline-1H-1,2,3-triazole hybrids. Journal of Molecular Structure, 2020, 1216, 128253.	3.6	47
97	Design, synthesis, antimicrobial evaluation and docking studies of urea-triazole-amide hybrids. Journal of Molecular Structure, 2020, 1215, 128234.	3.6	29
98	Assessing enablers of e-waste management in circular economy using DEMATEL method: An Indian perspective. Environmental Science and Pollution Research, 2020, 27, 13325-13338.	5.3	103
99	Object detection in real time based on improved single shot multi-box detector algorithm. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	2.4	90
100	Computational Studies on Acetylcholinesterase Inhibitors: From Biochemistry to Chemistry. Mini-Reviews in Medicinal Chemistry, 2020, 20, 1403-1435.	2.4	8
101	Snacks and Snacking: Impact on Health of the Consumers and Opportunities for its Improvement. Current Nutrition and Food Science, 2020, 16, 1028-1043.	0.6	6
102	Terminal Respiratory Oxidases: A Targetables Vulnerability of Mycobacterial Bioenergetics?. Frontiers in Cellular and Infection Microbiology, 2020, 10, 589318.	3.9	14
103	Edge Detection and Enhancement of Color Images Based on Bilateral Filtering Method Using K-Means Clustering Algorithm. Advances in Intelligent Systems and Computing, 2020, , 151-159.	0.6	2
104	BaY cP: A novel Bayesian customer Churn prediction scheme for Telecom sector. , 2020, , .		2
105	QSAR Models for Nitrogen Containing Monophosphonate and Bisphosphonate Derivatives as Human Farnesyl Pyrophosphate Synthase Inhibitors Based on Monte Carlo Method. Drug Research, 2019, 69, 159-167.	1.7	43
106	Facile Synthesis, Antimicrobial Activity and Molecular Docking of Novel 2,4,5- $\hat{\pm}$ -Trisubstituted-1,2,3-Triazole- $\hat{\pm}$ -Triazole Hybrid Compounds. Journal of Heterocyclic Chemistry, 2019, 56, 2571-2579.	2.6	6
107	Economic Utilization and Potential of Halophytes. , 2019, , 195-220.		7
108	Wine: a potential source of antimicrobial compounds. Journal of Wine Research, 2019, 30, 220-237.	1.5	5

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109	Digital Image Forgery Detection Techniques: A Comprehensive Review. , 2019, , .		7
110	Preservation and evaluation of spiced chayote juice using hurdle technology. Brazilian Journal of Food Technology, 2019, 22, .	0.8	1
111	A novel hybrid MCDM framework for WEEE recycling partner evaluation on the basis of green competencies. Journal of Cleaner Production, 2019, 241, 118017.	9.3	40
112	Functional annotation of differentially expressed genes under salt stress in <i>Dichanthium annulatum</i> . Plant Physiology Reports, 2019, 24, 104-111.	1.5	16
113	Phytoamelioration of the Salt-Affected Soils Through Halophytes. , 2019, , 313-326.		4
114	Design of Secure Image Fusion Technique Using Cloud for Privacy-Preserving and Copyright Protection. International Journal of Cloud Applications and Computing, 2019, 9, 22-36.	2.0	54
115	Apparent Molar (Volumetric/Compressibility) and Transport Properties of d-Maltose-1-Butyl-3-methylimidazolium Hexafluorophosphateâ€”Water Ternary Systems at Different Temperatures. Journal of Solution Chemistry, 2019, 48, 658-675.	1.2	5
116	Synthesis, Biological Activity and QSAR Studies of Organotin(IV) and Organosilicon(IV) Complexes. ChemistrySelect, 2019, 4, 4512-4520.	1.5	9
117	Synthesis, molecular docking and DFT studies on biologically active 1,4-disubstituted-1,2,3-triazole-semicarbazone hybrid molecules. New Journal of Chemistry, 2019, 43, 8052-8058.	2.8	46
118	Halophyte Growth and Physiology Under Metal Toxicity. , 2019, , 83-113.		5
119	A Review on Microbial Alkaline Protease: An Essential Tool for Various Industrial Approaches. Industrial Biotechnology, 2019, 15, 69-78.	0.8	84
120	Halophytes: The Plants of Therapeutic Medicine. , 2019, , 271-287.		15
121	Synthesis, antimicrobial evaluation and docking study of triazole containing triaryl-1,2,3-triazole. Synthetic Communications, 2019, 49, 1427-1435.	2.1	19
122	Potential of <i>Colocasia</i> leaves in human nutrition: Review on nutritional and phytochemical properties. Journal of Food Biochemistry, 2019, 43, e12878.	2.9	21
123	Self-Assembly Behaviors of a Penta-Phenylene Maltoside and Its Application for Membrane Protein Study. Chemistry - an Asian Journal, 2019, 14, 1926-1931.	3.3	11
124	Volumetric, acoustic and transport properties of ternary solutions of l-serine and l-arginine in aqueous solutions of thiamine hydrochloride at different temperatures. Journal of Chemical Thermodynamics, 2019, 135, 260-277.	2.0	29
125	A Novel Data Security Framework in Distributed Cloud Computing. , 2019, , .		4
126	An Object Detection Technique For Blind People in Real-Time Using Deep Neural Network. , 2019, , .		38

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127	Effect of temperature and concentration alterations on the volumetric, acoustic and hydration studies of l-threonine in aqueous lactose solutions. <i>Journal of Molecular Liquids</i> , 2019, 276, 961-969.	4.9	10
128	Fluorescence tunable thiophene-bis(benzimidazole)-based probes for a cascade trace detection of Hg ²⁺ and lysine: A molecular switch mimic. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 933-944.	7.8	36
129	Considerations for development of lactose-free food. <i>Journal of Nutrition & Intermediary Metabolism</i> , 2019, 15, 27-34.	1.7	66
130	TURN-ON fluorescence detection of cyanide using an ensemble system consisting of a dansyl-based cationic probe and dicyanovinyl derivative. <i>Dyes and Pigments</i> , 2019, 162, 348-357.	3.7	23
131	Binary metal zinc-lead perovskite built-in air ambient: Towards lead-less and stable perovskite materials. <i>Solar Energy Materials and Solar Cells</i> , 2019, 191, 339-344.	6.2	15
132	A Two-Stage Model to Predict Surgical Patients' Lengths of Stay From an Electronic Patient Database. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2019, 23, 848-856.	6.3	10
133	SYSTEMATIC INVESTIGATION ON PRODUCTION AND QUALITY EVALUATION OF LUGDI: A TRADITIONAL ALCOHOLIC BEVERAGE OF HIMACHAL PRADESH, INDIA. <i>Journal of Microbiology, Biotechnology and Food Sciences</i> , 2019, 8, 1307-1311.	0.8	1
134	Antimycobacterial effect of IFNG (interferon gamma)-induced autophagy depends on HMOX1 (heme) Tj ETQq0 0 0 rgBT /Overlock 10 TF PPP3/calcineurin-TFEB (transcription factor EB) axis. <i>Autophagy</i> , 2018, 14, 1-20.	9.1	31
135	Diffusion-Controlled Faradaic Charge Storage in High-Performance Solid Electrolyte-Gated Zinc Oxide Thin-Film Transistors. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 9782-9791.	8.0	51
136	Aromatic sulfonium polyoxomolybdates: tuning the photochromic properties through substitutions on the counter ion moiety. <i>CrystEngComm</i> , 2018, 20, 2733-2740.	2.6	11
137	Impact of channel thickness on the performance of an E-mode p-channel MOSFET in GaN. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	6
138	Aggregation induced emission enhancement behavior of conformationally rigid pyreneamide-based probe for ultra-trace detection of picric acid (PA). <i>Dyes and Pigments</i> , 2018, 156, 307-317.	3.7	27
139	An analysis of barriers affecting the implementation of e-waste management practices in India: A novel ISM-DEMATEL approach. <i>Sustainable Production and Consumption</i> , 2018, 14, 36-52.	11.0	232
140	Type II flavohemoglobin of <i>Mycobacterium smegmatis</i> oxidizes d-lactate and mediate electron transfer. <i>International Journal of Biological Macromolecules</i> , 2018, 112, 868-875.	7.5	8
141	Design, synthesis, characterization, antimicrobial evaluation and molecular modeling studies of some dehydroacetic acid-chalcone-1,2,3-triazole hybrids. <i>Bioorganic Chemistry</i> , 2018, 77, 236-244.	4.1	107
142	Evaluating critical barriers to implementation of WEEE management using DEMATEL approach. <i>Resources, Conservation and Recycling</i> , 2018, 131, 101-121.	10.8	96
143	Synthesis, characterization, biological activity, and QSAR studies of transition metal complexes derived from piperonylamine Schiff bases. <i>Chemical Papers</i> , 2018, 72, 2479-2502.	2.2	32
144	A sequential stochastic mixed integer programming model for tactical master surgery scheduling. <i>European Journal of Operational Research</i> , 2018, 270, 734-746.	5.7	27

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145	Waterlogging effects on elemental composition of wheat genotypes in sodic soils. Journal of Plant Nutrition, 2018, 41, 1252-1262.	1.9	17
146	Monte Carlo Method Based QSAR Studies of Mer Kinase Inhibitors in Compliance with OECD Principles. Drug Research, 2018, 68, 189-195.	1.7	37
147	Simultaneous Quantification of Vitamin A and E in Pharmaceutical Formulations and fruit Samples Using Fe(II)-1-Nitroso-2-Naphthol Complex. Oriental Journal of Chemistry, 2018, 34, 2948-2953.	0.3	3
148	QSAR Studies on Microbicidal Activity of Disubstituted 1,2,3-Triazoles having Ester Linkages. Asian Journal of Chemistry, 2018, 30, 2337-2342.	0.3	0
149	A Secure Technique of Image Fusion Using Cloud Based Copyright Protection for Data Distribution. , 2018, , .		2
150	Molecular Interactions in L-threonine Aqueous-Lactose Solutions at (293.15â€“313.15) K on Viscometric Data. Russian Journal of Physical Chemistry A, 2018, 92, 2196-2203.	0.6	0
151	Alcopops: a global perspective on the new category of alcoholic beverage. Drugs and Alcohol Today, 2018, 18, 272-280.	0.7	3
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