

# Sandeep Kumar

## List of Publications by Year in descending order

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455  
papers

8,967  
citations

61984

43  
h-index

95266

68  
g-index

473  
all docs

473  
docs citations

473  
times ranked

8654  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hazardous heavy metals contamination of vegetables and food chain: Role of sustainable remediation approaches - A review. <i>Environmental Research</i> , 2019, 179, 108792.	7.5	309
2	Trace elements in soil-vegetables interface: Translocation, bioaccumulation, toxicity and amelioration - A review. <i>Science of the Total Environment</i> , 2019, 651, 2927-2942.	8.0	253
3	Fluoride contamination, health problems and remediation methods in Asian groundwater: A comprehensive review. <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109362.	6.0	250
4	Synthesis, characterization and on field evaluation of pesticide loaded sodium alginate nanoparticles. <i>Carbohydrate Polymers</i> , 2014, 101, 1061-1067.	10.2	231
5	Bioaccumulation and potential sources of heavy metal contamination in fish species in River Ganga basin: Possible human health risks evaluation. <i>Toxicology Reports</i> , 2019, 6, 472-481.	3.3	179
6	Prediction of COVID-19 corona virus pandemic based on time series data using support vector machine. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2020, 23, 1583-1597.	0.8	157
7	Chitin and chitosan-based support materials for enzyme immobilization and biotechnological applications. <i>Environmental Chemistry Letters</i> , 2020, 18, 315-323.	16.2	140
8	Environmentally Friendly, Co-catalyst-Free Chemical Fixation of CO <sub>2</sub> at Mild Conditions Using Dual-Walled Nitrogen-Rich Three-Dimensional Porous Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2019, 58, 3925-3936.	4.0	111
9	Descriptive analysis of COVID-19 patients in the context of India. <i>Journal of Interdisciplinary Mathematics</i> , 2021, 24, 489-504.	0.7	111
10	MMP proteolytic activity regulates cancer invasiveness by modulating integrins. <i>Scientific Reports</i> , 2017, 7, 14219.	3.3	110
11	Analysis and predictions of spread, recovery, and death caused by COVID-19 in India. <i>Big Data Mining and Analytics</i> , 2021, 4, 65-75.	8.9	105
12	Rational Design of a Bifunctional, Two-Fold Interpenetrated Zn <sup>II</sup> -Metal-Organic Framework for Selective Adsorption of CO <sub>2</sub> and Efficient Aqueous Phase Sensing of 2,4,6-Trinitrophenol. <i>Chemistry - A European Journal</i> , 2017, 23, 16204-16212.	3.3	100
13	A study on software fault prediction techniques. <i>Artificial Intelligence Review</i> , 2019, 51, 255-327.	15.7	100
14	Structural, XPS and magnetic studies of pulsed laser deposited Fe doped Eu <sub>2</sub> O <sub>3</sub> thin film. <i>Materials Research Bulletin</i> , 2015, 70, 392-396.	5.2	85
15	Human health risk assessment: Study of a population exposed to fluoride through groundwater of Agra city, India. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 106, 68-80.	2.7	85
16	Plant leaf disease identification using exponential spider monkey optimization. <i>Sustainable Computing: Informatics and Systems</i> , 2020, 28, 100283.	2.2	85
17	Recent advances in near-infrared light-responsive nanocarriers for cancer therapy. <i>Drug Discovery Today</i> , 2018, 23, 1115-1125.	6.4	82
18	Improved taxonomic assignment of rumen bacterial 16S rRNA sequences using a revised SILVA taxonomic framework. <i>PeerJ</i> , 2019, 7, e6496.	2.0	82

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19	Towards an ensemble based system for predicting the number of software faults. Expert Systems With Applications, 2017, 82, 357-382.	7.6	79
20	An empirical study of some software fault prediction techniques for the number of faults prediction. Soft Computing, 2017, 21, 7417-7434.	3.6	79
21	Crowd anomaly detection using Aggregation of Ensembles of fine-tuned ConvNets. Neurocomputing, 2020, 371, 188-198.	5.9	74
22	Automated soil prediction using bag-of-features and chaotic spider monkey optimization algorithm. Evolutionary Intelligence, 2021, 14, 293-304.	3.6	73
23	Supported Palladium Nanoparticle-Catalyzed Carboxylation of Aryl Halides, Alkenylsilanes, and Organoboronic Acids Employing Oxalic Acid as the C <sub>1</sub> Source. Organic Letters, 2015, 17, 5352-5355.	4.6	65
24	Rational Design of a 3D Mn <sup>II</sup> Metal-Organic Framework Based on a Nonmetallated Porphyrin Linker for Selective Capture of CO <sub>2</sub> and One-Pot Synthesis of Styrene Carbonates. Chemistry - A European Journal, 2018, 24, 16662-16669.	3.3	65
25	Empirical analysis of change metrics for software fault prediction. Computers and Electrical Engineering, 2018, 67, 15-24.	4.8	64
26	Linear and non-linear heterogeneous ensemble methods to predict the number of faults in software systems. Knowledge-Based Systems, 2017, 119, 232-256.	7.1	62
27	Highly Efficient 2.4 and 5.8 GHz Dual-Band Rectenna for Energy Harvesting Applications. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2637-2641.	4.0	60
28	Improved production of lipid contents by cultivating Chlorella pyrenoidosa in heterogeneous organic substrates. Clean Technologies and Environmental Policy, 2019, 21, 1969-1978.	4.1	58
29	Ontology Cohesion and Coupling Metrics. International Journal on Semantic Web and Information Systems, 2017, 13, 1-26.	5.1	57
30	bSSA: Binary Salp Swarm Algorithm With Hybrid Data Transformation for Feature Selection. IEEE Access, 2021, 9, 14867-14882.	4.2	57
31	Injectable, Self-Healing Chimeric Catechol-Fe(III) Hydrogel for Localized Combination Cancer Therapy. ACS Biomaterials Science and Engineering, 2017, 3, 3404-3413.	5.2	56
32	Electronic Structure Calculations of Hydrogen Storage in Lithium-Decorated Metal-Graphyne Framework. ACS Applied Materials & Interfaces, 2017, 9, 28659-28666.	8.0	56
33	Predicting information diffusion probabilities in social networks: A Bayesian networks based approach. Knowledge-Based Systems, 2017, 133, 66-76.	7.1	56
34	A decision tree logic based recommendation system to select software fault prediction techniques. Computing (Vienna/New York), 2017, 99, 255-285.	4.8	53
35	Object-Based Image Retrieval Using the U-Net-Based Neural Network. Computational Intelligence and Neuroscience, 2021, 2021, 1-14.	1.7	53
36	Advances in self-assembled injectable hydrogels for cancer therapy. Biomaterials Science, 2020, 8, 2055-2073.	5.4	52

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37	A Comparative Analysis of Machine Learning Algorithms for Detection of Organic and Nonorganic Cotton Diseases. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-18.	1.1	51
38	Cross-linked enzyme aggregates of recombinant <i>Pseudomonas putida</i> nitrilase for enantioselective nitrile hydrolysis. <i>Bioresource Technology</i> , 2010, 101, 6856-6858.	9.6	50
39	Face Spoofing, Age, Gender and Facial Expression Recognition Using Advance Neural Network Architecture-Based Biometric System. <i>Sensors</i> , 2022, 22, 5160.	3.8	49
40	A New Route toward Semiconductor Nanospintronics: Highly Mn-Doped GaAs Nanowires Realized by Ion-Implantation under Dynamic Annealing Conditions. <i>Nano Letters</i> , 2011, 11, 3935-3940.	9.1	47
41	Predicting Number of Faults in Software System using Genetic Programming. <i>Procedia Computer Science</i> , 2015, 62, 303-311.	2.0	47
42	Semantic web reasoners and languages. <i>Artificial Intelligence Review</i> , 2011, 35, 339-368.	15.7	44
43	Low-latitude Aurorae during the Extreme Space Weather Events in 1859. <i>Astrophysical Journal</i> , 2018, 869, 57.	4.5	44
44	Preparation, characterization and targeted delivery of serratiopeptidase immobilized on amino-functionalized magnetic nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 413-426.	4.3	43
45	Supported Palladium Nanoparticle Catalyzed $\alpha$ -Alkylation of Ketones Using Alcohols as Alkylating Agents. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 9683-9691.	6.7	43
46	Cross-talk between bile acids and gastrointestinal tract for progression and development of cancer and its therapeutic implications. <i>IUBMB Life</i> , 2015, 67, 514-523.	3.4	41
47	Screening and evaluation of cellulolytic fungal strains for saccharification and bioethanol production from rice residue. <i>Energy</i> , 2020, 190, 116422.	8.8	41
48	A comparative study on face spoofing attacks. , 2017, , .		40
49	Hopping Conduction in Mn Ion-Implanted GaAs Nanowires. <i>Nano Letters</i> , 2012, 12, 4838-4842.	9.1	39
50	Profiling of virulence associated genes of <i>Pasteurella multocida</i> isolated from cattle. <i>Veterinary Research Communications</i> , 2013, 37, 83-89.	1.6	39
51	Leaf Disease Detection and Classification based on Machine Learning. , 2020, , .		39
52	Dual Mechanism of Action of 5-Nitro-1,10-Phenanthroline against <i>Mycobacterium tuberculosis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	38
53	Cholic Acid-Peptide Conjugates as Potent Antimicrobials against Interkingdom Polymicrobial Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	38
54	X-ray photoemission and spectral investigations of Dy <sup>3+</sup> activated magnesium pyrophosphate phosphors. <i>Journal of Alloys and Compounds</i> , 2019, 777, 562-571.	5.5	38

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55	Sharpea and Kandleria are lactic acid producing rumen bacteria that do not change their fermentation products when co-cultured with a methanogen. <i>Anaerobe</i> , 2018, 54, 31-38.	2.1	37
56	Color Object Detection Based Image Retrieval Using ROI Segmentation with Multi-Feature Method. <i>Wireless Personal Communications</i> , 2020, 112, 169-192.	2.7	37
57	Spider Monkey Crow Optimization Algorithm With Deep Learning for Sentiment Classification and Information Retrieval. <i>IEEE Access</i> , 2021, 9, 24249-24262.	4.2	37
58	Surface and spectral studies of Eu <sup>3+</sup> doped $\gamma$ -Al <sub>2</sub> O <sub>3</sub> synthesized via solution combustion synthesis. <i>Advanced Powder Technology</i> , 2015, 26, 1263-1268.	4.1	36
59	Lithium doping and photoluminescence properties of ZnO nanorods. <i>AIP Advances</i> , 2018, 8, .	1.3	36
60	Proficient QoS-Based Target Coverage Problem in Wireless Sensor Networks. <i>IEEE Access</i> , 2020, 8, 74315-74325.	4.2	36
61	A feature reduction based reflected and exploited DDoS attacks detection system. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2022, 13, 393-405.	4.9	36
62	Deciphering the Role of Intramolecular Networking in Cholic Acidâ€“Peptide Conjugates on the Lipopolysaccharide Surface in Combating Gram-Negative Bacterial Infections. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 1875-1886.	6.4	35
63	Biological Management of Banana Fusarium Wilt Caused by <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> Tropical Race 4 Using Antagonistic Fungal Isolate CSR-T-3 ( <i>Trichoderma reesei</i> ). <i>Frontiers in Microbiology</i> , 2020, 11, 595845.	3.5	35
64	Chitosan-assisted immobilization of serratiopeptidase on magnetic nanoparticles, characterization and its target delivery. <i>Journal of Drug Targeting</i> , 2014, 22, 123-137.	4.4	34
65	Nuclear softening is essential for protease-independent migration. <i>Matrix Biology</i> , 2019, 82, 4-19.	3.6	34
66	Evolution of wireless sensor network design from technology centric to user centric: An architectural perspective. <i>International Journal of Distributed Sensor Networks</i> , 2020, 16, 155014772094913.	2.2	34
67	Multi-level image thresholding based on Kapur and Tsallis entropy using firefly algorithm. <i>Journal of Interdisciplinary Mathematics</i> , 2020, 23, 563-571.	0.7	34
68	A Classification Based Web Service Selection Approach. <i>IEEE Transactions on Services Computing</i> , 2021, 14, 315-328.	4.6	33
69	Influence of swift heavy ion irradiation on electrical characteristics of Au/n-Si (1â€“0â€“0) Schottky barrier structure. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 6892-6897.	2.8	32
70	A Localized Chimeric Hydrogel Therapy Combats Tumor Progression through Alteration of Sphingolipid Metabolism. <i>ACS Central Science</i> , 2019, 5, 1648-1662.	11.3	32
71	WR-ELM: Weighted Regularization Extreme Learning Machine for Imbalance Learning in Software Fault Prediction. <i>IEEE Transactions on Reliability</i> , 2020, 69, 1355-1375.	4.6	32
72	Immobilization of amyloglucosidase from SSF of <i>Aspergillus niger</i> by crosslinked enzyme aggregate onto magnetic nanoparticles using minimum amount of carrier and characterizations. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 98, 30-36.	1.8	31

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73	Automatic Live Facial Expression Detection Using Genetic Algorithm with Haar Wavelet Features and SVM. <i>Wireless Personal Communications</i> , 2018, 103, 2435-2453.	2.7	31
74	On effect of tool rotation on performance of rotary tool micro-ultrasonic machining. <i>Materials and Manufacturing Processes</i> , 2019, 34, 475-486.	4.7	31
75	An efficient feature reduction method for the detection of DoS attack. <i>ICT Express</i> , 2021, 7, 371-375.	4.8	31
76	Ferulic acid amide derivatives as anticancer and antioxidant agents: synthesis, thermal, biological and computational studies. <i>Medicinal Chemistry Research</i> , 2016, 25, 1175-1192.	2.4	30
77	Laser patterned, high-power graphene paper resistor with dual temperature coefficient of resistance. <i>RSC Advances</i> , 2019, 9, 8262-8270.	3.6	30
78	Gender Classification Using Machine Learning with Multi-Feature Method. , 2019, , .		30
79	Applications of deep learning for phishing detection: a systematic literature review. <i>Knowledge and Information Systems</i> , 2022, 64, 1457-1500.	3.2	30
80	Live Detection of Face Using Machine Learning with Multi-feature Method. <i>Wireless Personal Communications</i> , 2018, 103, 2353-2375.	2.7	29
81	A nanogel based oral gene delivery system targeting SUMOylation machinery to combat gut inflammation. <i>Nanoscale</i> , 2019, 11, 4970-4986.	5.6	29
82	Performance investigation of PID controller in trajectory control of two-link robotic manipulator in medical robots. <i>Journal of Interdisciplinary Mathematics</i> , 2021, 24, 467-478.	0.7	29
83	Machine learning for cooperative spectrum sensing and sharing: A survey. <i>Transactions on Emerging Telecommunications Technologies</i> , 2022, 33, e4352.	3.9	29
84	Review on Evaluation of Renewable Bioenergy Potential for Sustainable Development: Bright Future in Energy Practice in India. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 16007-16030.	6.7	29
85	Synthesis of buried SiC using an energetic ion beam. <i>Journal Physics D: Applied Physics</i> , 2006, 39, 3969-3973.	2.8	28
86	Temperature-dependent barrier characteristics of swift heavy ion irradiated Au <sup>n</sup> -Si Schottky structure. <i>Journal of Applied Physics</i> , 2006, 100, 113723.	2.5	28
87	Characterizations of pulsed laser deposited SiC thin films. <i>Journal of Non-Crystalline Solids</i> , 2007, 353, 4660-4665.	3.1	28
88	Solid-supported ruthenium(0): an efficient heterogeneous catalyst for hydration of nitriles to amides under microwave irradiation. <i>New Journal of Chemistry</i> , 2013, 37, 2987.	2.8	28
89	Structural, magnetic, magnetocaloric and specific heat investigations on Mn doped PrCrO <sub>3</sub> orthochromites. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 195802.	1.8	28
90	Homo- and heteroleptic trimethoxy terpyridine-Cu(II) complexes: synthesis, characterization, DNA/BSA binding, DNA cleavage and cytotoxicity studies. <i>Dalton Transactions</i> , 2020, 49, 4100-4113.	3.3	28

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91	Carbodiimide-mediated immobilization of serratiopeptidase on amino-, carboxyl-functionalized magnetic nanoparticles and characterization for target delivery. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	27
92	Hydrogen Storage in Sc and Li Decorated Metal-Organic Framework. <i>ACS Applied Energy Materials</i> , 2018, 1, 1328-1336.	5.1	27
93	Synthesis anti-inflammatory and anticancer activity evaluation of some pyrazole and oxadiazole derivatives. <i>Medicinal Chemistry Research</i> , 2012, 21, 3043-3052.	2.4	26
94	Magnetic Polarons and Large Negative Magnetoresistance in GaAs Nanowires Implanted with Mn Ions. <i>Nano Letters</i> , 2013, 13, 5079-5084.	9.1	26
95	A novel yellowish white Dy <sup>3+</sup> activated $\text{Al}_2\text{O}_3$ phosphor: Photoluminescence and optical studies. <i>Functional Materials Letters</i> , 2015, 08, 1550061.	1.2	26
96	Inflammasome activation and regulation during <i>Helicobacter pylori</i> pathogenesis. <i>Microbial Pathogenesis</i> , 2018, 125, 468-474.	2.9	26
97	On machining of hard and brittle materials using rotary tool micro-ultrasonic drilling process. <i>Materials and Manufacturing Processes</i> , 2019, 34, 736-748.	4.7	26
98	Parameter Estimation of Heavy-Tailed AR Model With Missing Data Via Stochastic EM. <i>IEEE Transactions on Signal Processing</i> , 2019, 67, 2159-2172.	5.3	26
99	Surface and spectral investigation of Sm <sup>3+</sup> doped MgO-ZrO <sub>2</sub> phosphor. <i>Optik</i> , 2020, 216, 164909.	2.9	26
100	Solid supported palladium(0) nano/microparticle: a ligand-free efficient recyclable heterogeneous catalyst for mono- and $\beta,\beta'$ -double-Heck reaction. <i>Tetrahedron Letters</i> , 2012, 53, 7044-7051.	1.4	25
101	Fitness Based Position Update in Spider Monkey Optimization Algorithm. <i>Procedia Computer Science</i> , 2015, 62, 442-449.	2.0	25
102	Supported palladium nanoparticles-catalyzed decarboxylative coupling approaches to aryl alkynes, indoles and pyrrolines synthesis. <i>RSC Advances</i> , 2016, 6, 71117-71121.	3.6	25
103	Oral Delivery of Cholic Acid-Derived Amphiphile Helps in Combating <i>Salmonella</i> -Mediated Gut Infection and Inflammation. <i>Bioconjugate Chemistry</i> , 2019, 30, 721-732.	3.6	25
104	An Approach for the Prediction of Number of Software Faults Based on the Dynamic Selection of Learning Techniques. <i>IEEE Transactions on Reliability</i> , 2019, 68, 216-236.	4.6	25
105	Early Identification and Detection of Driver Drowsiness by Hybrid Machine Learning. <i>IEEE Access</i> , 2021, 9, 162805-162819.	4.2	25
106	Barrier height modification of Au/n-Si Schottky structures by swift heavy ion irradiation. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2006, 248, 109-112.	1.4	24
107	On the reduced geoeffectiveness of solar cycle 24: A moderate storm perspective. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 8188-8202.	2.4	24
108	Fundamental Study of Reversible Hydrogen Storage in Titanium- and Lithium-Functionalized Calix[4]arene. <i>Journal of Physical Chemistry C</i> , 2017, 121, 8703-8710.	3.1	24

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109	A study on face recognition techniques with age and gender classification. , 2017, , .		24
110	On the physical layer security over Beaulieu-Xie fading channel. AEU - International Journal of Electronics and Communications, 2020, 113, 152940.	2.9	24
111	Efficient 3D AlexNet Architecture for Object Recognition Using Syntactic Patterns from Medical Images. Computational Intelligence and Neuroscience, 2022, 2022, 1-19.	1.7	24
112	Inhomogeneities in 130MeV Au <sup>12+</sup> ion irradiated Au/n-Si (100) Schottky structure. Applied Surface Science, 2008, 254, 3277-3281.	6.1	23
113	Immobilization of Î±-amylase and amyloglucosidase onto ion-exchange resin beads and hydrolysis of natural starch at high concentration. Bioprocess and Biosystems Engineering, 2013, 36, 1715-1724.	3.4	23
114	In vitro and in vivo pathogenicity studies of Pasteurella multocida strains harbouring different ompA. Veterinary Research Communications, 2014, 38, 183-191.	1.6	23
115	Supported Gold Nanoparticlesâ€Catalyzed Microwaveâ€CAssisted Hydration of Nitriles to Amides under Baseâ€CFree Conditions. Advanced Synthesis and Catalysis, 2016, 358, 2889-2894.	4.3	23
116	First-principles study of hydrogen storage in metal functionalized [4,4]paracyclophane. International Journal of Hydrogen Energy, 2018, 43, 5680-5689.	7.1	23
117	Twitter sentiments based suggestive framework to predict trends. Journal of Statistics and Management Systems, 2018, 21, 685-693.	0.6	23
118	BN-analogue of [2,2]paracyclophane functionalized with Sc and Ti for hydrogen storage. International Journal of Hydrogen Energy, 2019, 44, 6663-6673.	7.1	23
119	A restriction enzyme reduced representation sequencing approach for low-cost, high-throughput metagenome profiling. PLoS ONE, 2020, 15, e0219882.	2.5	23
120	Synthesis, Characterization, and Applications of Europium Oxide: A Review. Reviews in Advanced Sciences and Engineering, 2015, 4, 247-257.	0.6	23
121	Multifunctional role of dysprosium in HfO <sub>2</sub> : stabilization of the high temperature cubic phase, and magnetic and photoluminescence properties. Physical Chemistry Chemical Physics, 2017, 19, 18957-18967.	2.8	22
122	An Improved Spider Monkey Optimization Algorithm. Advances in Intelligent Systems and Computing, 2018, , 73-81.	0.6	22
123	Cholic Acid-Derived Amphiphile which Combats Gram-Positive Bacteria-Mediated Infections via Disintegration of Lipid Clusters. ACS Biomaterials Science and Engineering, 2019, 5, 4764-4775.	5.2	22
124	Optimization Algorithms for Graph Laplacian Estimation via ADMM and MM. IEEE Transactions on Signal Processing, 2019, 67, 4231-4244.	5.3	22
125	Distinct Intramolecular Hydrogen Bonding Dictates Antimicrobial Action of Membrane-Targeting Amphiphiles. Journal of Physical Chemistry Letters, 2019, 10, 754-760.	4.6	22
126	An empirical study of ensemble techniques for software fault prediction. Applied Intelligence, 2021, 51, 3615-3644.	5.3	22



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127	Point defect creation by low fluence swift heavy ion irradiation-induced low energy electrons in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ . Superconductor Science and Technology, 2008, 21, 085016.	3.5	22
128	Self-organization of 6H-SiC (0001) surface under keV ion irradiation. Journal of Applied Physics, 2007, 102, .	2.5	21
129	Pulsed laser deposition of SiC thin films at medium substrate temperatures. Thin Solid Films, 2008, 516, 6083-6087.	1.8	21
130	Microwave assisted solvent and catalyst free method for novel classes of $\beta^2$ -enaminoester and acridinedione synthesis. RSC Advances, 2013, 3, 10335.	3.6	21
131	Hydrogen sorption efficiency of titanium decorated calix[4]pyrroles. Physical Chemistry Chemical Physics, 2017, 19, 32566-32574.	2.8	21
132	Performance of MRC receiver over Hoyt/lognormal composite fading channel. International Journal of Electronics, 2018, 105, 1433-1450.	1.4	21
133	Evidence of Ostwald Ripening in opinion driven dynamics of mutually competitive social networks. Physica A: Statistical Mechanics and Its Applications, 2019, 522, 182-194.	2.6	21
134	Web Services in the Internet of Things and Smart Cities: A Case Study on Classification Techniques. IEEE Consumer Electronics Magazine, 2019, 8, 39-43.	2.3	21
135	Structural, electrical, optical and magnetic properties of $\text{SmCrO}_3$ chromites: Influence of Gd and Mn co-doping. Journal of Alloys and Compounds, 2019, 792, 1122-1131.	5.5	21
136	Integrated yet distributed operations planning approach: A next generation manufacturing planning system. Journal of Manufacturing Systems, 2020, 54, 103-122.	13.9	21
137	X-ray Analysis of $\beta\text{-Al}_2\text{O}_3$ Particles by Williamson-Hall Methods. Materials Focus, 2016, 5, 545-549.	0.4	21
138	A Novel Hybrid Crossover based Artificial Bee Colony Algorithm for Optimization Problem. International Journal of Computer Applications, 2013, 82, 18-25.	0.2	21
139	Ontology for Detection of Web Attacks. , 2013, , .		20
140	Synthesis, anti-inflammatory, and antiproliferative activity evaluation of isoindole, pyrrolopyrazine, benzimidazoisoindole, and benzimidazopyrrolopyrazine derivatives. Molecular Diversity, 2013, 17, 753-766.	3.9	20
141	Solid state fermentation with recovery of Amyloglucosidase from extract by direct immobilization in cross linked enzyme aggregate for starch hydrolysis. Biocatalysis and Agricultural Biotechnology, 2015, 4, 486-492.	3.1	20
142	Investigating the value of integrated operations planning: A case-based approach from automotive industry. International Journal of Production Research, 2018, 56, 6971-6992.	7.5	20
143	Combined heterogeneity in cell size and deformability promotes cancer invasiveness. Journal of Cell Science, 2021, 134, .	2.0	20
144	Object detection and recognition using contour based edge detection and fast R-CNN. Multimedia Tools and Applications, 2022, 81, 42183-42207.	3.9	20

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145	Estimation of interplanetary electric field conditions for historical geomagnetic storms. Journal of Geophysical Research: Space Physics, 2015, 120, 7307-7317.	2.4	19
146	Iron-Catalyzed Regioselective Remote C(sp <sup>2</sup> )-H Carboxylation of Naphthyl and Quinoline Amides. Journal of Organic Chemistry, 2019, 84, 10481-10489.	3.2	19
147	An <i>ab initio</i> study of reversible dihydrogen adsorption in metal decorated $\text{h}^3$ -graphyne. Journal of Applied Physics, 2019, 126, .	2.5	19
148	Robot Path Planning Using Modified Artificial Bee Colony Algorithm. Advances in Intelligent Systems and Computing, 2020, , 25-36.	0.6	19
149	First principle study of reversible hydrogen storage in Sc grafted Calix[4]arene and Octamethylcalix[4]arene. International Journal of Hydrogen Energy, 2019, 44, 4889-4896.	7.1	19
150	Temperature-dependence of barrier height of swift heavy ion irradiated Au/n-Si Schottky structure. Solid-State Electronics, 2006, 50, 1835-1837.	1.4	18
151	Iodine(III)-Promoted Ring Contractive Cyanation of Exocyclic $\beta$ -Enaminones for the Synthesis of Cyanocyclopentanones. Advanced Synthesis and Catalysis, 2017, 359, 2209-2214.	4.3	18
152	Opinion Dynamics Through Natural Phenomenon of Grain Growth and Population Migration. , 2017, , 161-175.		18
153	Self balanced particle swarm optimization. International Journal of Systems Assurance Engineering and Management, 2018, 9, 774-783.	2.4	18
154	Hydrogel-mediated delivery of celastrol and doxorubicin induces a synergistic effect on tumor regression <i>via</i> upregulation of ceramides. Nanoscale, 2020, 12, 18463-18475.	5.6	18
155	Surface and luminescent properties of Mg <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> :Dy <sup>3+</sup> phosphors. Optik, 2021, 225, 165717.	2.9	18
156	Multiple Face Detection Using Hybrid Features with SVM Classifier. Advances in Intelligent Systems and Computing, 2019, , 253-265.	0.6	18
157	Effects of swift heavy ion irradiation on the electrical characteristics of Au/n-GaAs Schottky diodes. Applied Surface Science, 2007, 254, 459-463.	6.1	17
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159	A study on web application security and detecting security vulnerabilities. , 2017, , .		17
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