

List of Publications by Year in descending order

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259
papers

12,549
citations

29994

54
h-index

32761

100
g-index

265
all docs

265
docs citations

265
times ranked

13177
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological Synthesis of Nanoparticles from Plants and Microorganisms. Trends in Biotechnology, 2016, 34, 588-599.	4.9	1,161
2	Gold Nanoparticles in Diagnostics and Therapeutics for Human Cancer. International Journal of Molecular Sciences, 2018, 19, 1979.	1.8	709
3	Temperature dependence of solar cell performance—an analysis. Solar Energy Materials and Solar Cells, 2012, 101, 36-45.	3.0	672
4	Electrochemical, Theoretical, and Surface Morphological Studies of Corrosion Inhibition Effect of Green Naphthyridine Derivatives on Mild Steel in Hydrochloric Acid. Journal of Physical Chemistry C, 2016, 120, 3408-3419.	1.5	270
5	Chemical profile, antifungal, antiaflatoxic and antioxidant activity of Citrus maxima Burm. and Citrus sinensis (L.) Osbeck essential oils and their cyclic monoterpene, dl-limonene. Food and Chemical Toxicology, 2010, 48, 1734-1740.	1.8	255
6	Novel quinoline derivatives as green corrosion inhibitors for mild steel in acidic medium: Electrochemical, SEM, AFM, and XPS studies. Journal of Molecular Liquids, 2016, 216, 164-173.	2.3	249
7	Temperature dependence of I–V characteristics and performance parameters of silicon solar cell. Solar Energy Materials and Solar Cells, 2008, 92, 1611-1616.	3.0	232
8	Assessment of Thymus vulgaris L. essential oil as a safe botanical preservative against post harvest fungal infestation of food commodities. Innovative Food Science and Emerging Technologies, 2008, 9, 575-580.	2.7	192
9	Integration of new evolutionary approach with artificial neural network for solving short term load forecast problem. Applied Energy, 2018, 217, 537-549.	5.1	186
10	Ecofriendly synthesis of silver and gold nanoparticles by <i>Euphrasia officinalis</i> leaf extract and its biomedical applications. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1163-1170.	1.9	173
11	A strategic approach for rapid synthesis of gold and silver nanoparticles by <i>Panax ginseng</i> leaves. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 1949-1957.	1.9	167
12	Green synthesis of gold and silver nanoparticles from <i>Cannabis sativa</i> (industrial) Tj ETQqO O O rgBT /Overlock 10 13, 3571-3591.	3.3	165
13	Assessment of some essential oils as food preservatives based on antifungal, antiaflatoxin, antioxidant activities and in vivo efficacy in food system. Food Research International, 2012, 49, 201-208.	2.9	158
14	Biosynthesis, characterization, and antimicrobial applications of silver nanoparticles. International Journal of Nanomedicine, 2015, 10, 2567.	3.3	148
15	Chemical composition, antifungal and antiaflatoxic activities of <i>Ocimum sanctum</i> L. essential oil and its safety assessment as plant based antimicrobial. Food and Chemical Toxicology, 2010, 48, 539-543.	1.8	145
16	Efficacy of chemically characterized Piper betle L. essential oil against fungal and aflatoxin contamination of some edible commodities and its antioxidant activity. International Journal of Food Microbiology, 2010, 142, 114-119.	2.1	143
17	Extracellular synthesis of silver and gold nanoparticles by <i>Sporosarcina koreensis</i> DC4 and their biological applications. Enzyme and Microbial Technology, 2016, 86, 75-83.	1.6	142
18	Extracellular synthesis of silver nanoparticles by <i>Pseudomonas</i> sp. THG-LS1.4 and their antimicrobial application. Journal of Pharmaceutical Analysis, 2018, 8, 258-264.	2.4	138

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19	Antimicrobial Effects of Biogenic Nanoparticles. <i>Nanomaterials</i> , 2018, 8, 1009.	1.9	138
20	Efficacy of chemically characterized <i>Ocimum gratissimum</i> L. essential oil as an antioxidant and a safe plant based antimicrobial against fungal and aflatoxin B1 contamination of spices. <i>Food Research International</i> , 2011, 44, 385-390.	2.9	128
21	Intracellular synthesis of gold nanoparticles with antioxidant activity by probiotic <i>Lactobacillus kimchicus</i> DCY51 T isolated from Korean kimchi. <i>Enzyme and Microbial Technology</i> , 2016, 95, 85-93.	1.6	126
22	Antifungal, aflatoxin inhibition and antioxidant activity of <i>Callistemon lanceolatus</i> (Sm.) Sweet essential oil and its major component 1,8-cineole against fungal isolates from chickpea seeds. <i>Food Control</i> , 2012, 25, 27-33.	2.8	115
23	Anticancer activity of silver nanoparticles from <i>Panax ginseng</i> fresh leaves in human cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 158-165.	2.5	114
24	Molecular basis of outer kinetochore assembly on CENP-T. <i>ELife</i> , 2016, 5, .	2.8	113
25	Safety assessment of <i>Zanthoxylum alatum</i> Roxb. essential oil, its antifungal, antiaflatoxin, antioxidant activity and efficacy as antimicrobial in preservation of <i>Piper nigrum</i> L. fruits. <i>International Journal of Food Microbiology</i> , 2012, 153, 183-191.	2.1	109
26	Rapid green synthesis of silver and gold nanoparticles using <i>Dendropanax morbiferum</i> leaf extract and their anticancer activities. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 3691-3701.	3.3	109
27	Cardamom fruits as a green resource for facile synthesis of gold and silver nanoparticles and their biological applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 108-117.	1.9	109
28	Green synthesis of silver nanoparticles by <i>Bacillus methylotrophicus</i> , and their antimicrobial activity. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1-6.	1.9	108
29	Chemically modified expired Dapsone drug as environmentally benign corrosion inhibitor for mild steel in sulphuric acid useful for industrial pickling process. <i>Journal of Molecular Liquids</i> , 2019, 286, 110903.	2.3	107
30	Efficacy of <i>Lippia alba</i> (Mill.) N.E. Brown essential oil and its monoterpene aldehyde constituents against fungi isolated from some edible legume seeds and aflatoxin B1 production. <i>International Journal of Food Microbiology</i> , 2009, 135, 165-170.	2.1	104
31	Corrosion inhibition of mild steel using Novel Bis Schiff's Bases as corrosion inhibitors: Electrochemical and Surface measurement. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016, 86, 114-124.	2.5	104
32	Expired atorvastatin drug as corrosion inhibitor for mild steel in hydrochloric acid solution. <i>International Journal of Industrial Chemistry</i> , 2017, 8, 363-372.	3.1	101
33	Anti-biofilm effects of gold and silver nanoparticles synthesized by the <i>Rhodiola rosea</i> rhizome extracts. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 886-899.	1.9	98
34	Comparative Effectiveness of Ultrasonography, 99mTc-Sestamibi, and 18F-Fluorocholine PET/CT in Detecting Parathyroid Adenomas in Patients With Primary Hyperparathyroidism. <i>Clinical Nuclear Medicine</i> , 2017, 42, e491-e497.	0.7	96
35	<i>Pseudomonas deceptionensis</i> DC5-mediated synthesis of extracellular silver nanoparticles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1576-1581.	1.9	91
36	<i>In vitro</i> anti-inflammatory activity of spherical silver nanoparticles and monodisperse hexagonal gold nanoparticles by fruit extract of <i>Prunus serrulata</i> : a green synthetic approach. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1-11.	1.9	89

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37	Biogenic silver and gold nanoparticles synthesized using red ginseng root extract, and their applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1-6.	1.9	85
38	Fungal Contamination of Raw Materials of Some Herbal Drugs and Recommendation of Cinnamomum camphora Oil as Herbal Fungitoxicant. <i>Microbial Ecology</i> , 2008, 56, 555-560.	1.4	83
39	<i>Weissella oryzae</i> DC6-facilitated green synthesis of silver nanoparticles and their antimicrobial potential. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1569-1575.	1.9	81
40	Green synthesis of multifunctional silver and gold nanoparticles from the oriental herbal adaptogen: Siberian ginseng. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 3131-3143.	3.3	78
41	<i>Valeriana wallichii</i> root extract as a green & sustainable corrosion inhibitor for mild steel in acidic environments: experimental and theoretical study. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1225-1237.	3.2	78
42	The development of a green approach for the biosynthesis of silver and gold nanoparticles by using <i>Panax ginseng</i> root extract, and their biological applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1-8.	1.9	77
43	Botanicals as eco friendly biorational alternatives of synthetic pesticides against <i>Callosobruchus</i> spp. (Coleoptera: Bruchidae) – a review. <i>Journal of Food Science and Technology</i> , 2015, 52, 1239-1257.	1.4	77
44	Biological synthesis of gold and silver chloride nanoparticles by <i>Glycyrrhiza uralensis</i> and <i>in vitro</i> applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 303-312.	1.9	76
45	Thiopyrimidine derivatives as new and effective corrosion inhibitors for mild steel in hydrochloric acid: Electrochemical and quantum chemical studies. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 60, 588-601.	2.7	73
46	Prediction of advertisement preference by fusing EEG response and sentiment analysis. <i>Neural Networks</i> , 2017, 92, 77-88.	3.3	72
47	Tumor Suppressor Protein Pcd4 Inhibits Translation of p53 mRNA. <i>Journal of Biological Chemistry</i> , 2011, 286, 42855-42862.	1.6	70
48	BUB1 and CENP-U, Primed by CDK1, Are the Main PLK1 Kinetochore Receptors in Mitosis. <i>Molecular Cell</i> , 2021, 81, 67-87.e9.	4.5	66
49	Safety profile assessment and efficacy of chemically characterized <i>Cinnamomum glaucescens</i> essential oil against storage fungi, insect, aflatoxin secretion and as antioxidant. <i>Food and Chemical Toxicology</i> , 2013, 53, 160-167.	1.8	65
50	Amino acid chirons: a tool for asymmetric synthesis of heterocycles. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 6297-6339.	1.5	64
51	Rootletin organizes the ciliary rootlet to achieve neuron sensory function in <i>Drosophila</i> . <i>Journal of Cell Biology</i> , 2015, 211, 435-453.	2.3	63
52	Optimization of cultural conditions using response surface methodology versus artificial neural network and modeling of L-glutaminase production by <i>Bacillus cereus</i> MTCC 1305. <i>Bioresource Technology</i> , 2013, 137, 261-269.	4.8	62
53	Primary hyperparathyroidism: insights from the Indian PHPT registry. <i>Journal of Bone and Mineral Metabolism</i> , 2018, 36, 238-245.	1.3	62
54	Biosynthesis of Anisotropic Silver Nanoparticles by <i>Bhargavaea indica</i> and Their Synergistic Effect with Antibiotics against Pathogenic Microorganisms. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-10.	1.5	61

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55	Applications of Panax ginseng leaves-mediated gold nanoparticles in cosmetics relation to antioxidant, moisture retention, and whitening effect on B16BL6 cells. Journal of Ginseng Research, 2018, 42, 327-333.	3.0	60
56	A hybrid method based on neural network and improved environmental adaptation method using Controlled Gaussian Mutation with real parameter for short-term load forecasting. Energy, 2019, 174, 460-477.	4.5	58
57	Protein Mass-Modulated Effects in the Catalytic Mechanism of Dihydrofolate Reductase: Beyond Promoting Vibrations. Journal of the American Chemical Society, 2014, 136, 8333-8341.	6.6	56
58	Nicotinonitriles as green corrosion inhibitors for mild steel in hydrochloric acid: Electrochemical, computational and surface morphological studies. Journal of Molecular Liquids, 2016, 220, 71-81.	2.3	55
59	The Microcephaly-Associated Protein Wdr62/CG7337 Is Required to Maintain Centrosome Asymmetry in Drosophila Neuroblasts. Cell Reports, 2016, 14, 1100-1113.	2.9	55
60	Bovine serum albumin as a nanocarrier for the efficient delivery of ginsenoside compound K: preparation, physicochemical characterizations and in vitro biological studies. RSC Advances, 2017, 7, 15397-15407.	1.7	55
61	Use of essential oil from <i>Mentha arvensis</i> L. to control storage moulds and insects in stored chickpea. Journal of the Science of Food and Agriculture, 2009, 89, 2643-2649.	1.7	54
62	Silver nanoparticles produced from <i>Cedecea</i> sp. exhibit antibiofilm activity and remarkable stability. Scientific Reports, 2021, 11, 12619.	1.6	53
63	Biosynthesized gold and silver nanoparticles by aqueous fruit extract of <i>Chaenomeles sinensis</i> and screening of their biomedical activities. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 599-606.	1.9	52
64	Assessing essential oil components as plant-based preservatives against fungi that deteriorate herbal raw materials. International Biodeterioration and Biodegradation, 2013, 80, 16-21.	1.9	51
65	Extension and Limits of the Network of Coupled Motions Correlated to Hydride Transfer in Dihydrofolate Reductase. Journal of the American Chemical Society, 2014, 136, 2575-2582.	6.6	51
66	A novel hybrid model based on neural network and multi-objective optimization for effective load forecast. Energy, 2019, 182, 606-622.	4.5	51
67	Facile synthesis of Au and Ag nanoparticles using fruit extract of <i>Lycium chinense</i> and their anticancer activity. Journal of Drug Delivery Science and Technology, 2019, 49, 308-315.	1.4	51
68	Gold nanoparticles synthesized using <i>Panax ginseng</i> leaves suppress inflammatory - mediators production via blockade of NF- κ B activation in macrophages. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 270-276.	1.9	50
69	Gold nanoflowers synthesized using <i>Acanthopanax cortex</i> extract inhibit inflammatory mediators in LPS-induced RAW264.7 macrophages via NF- κ B and AP-1 pathways. Colloids and Surfaces B: Biointerfaces, 2018, 162, 398-404.	2.5	50
70	A Deep Learning Frame-Work for Recognizing Developmental Disorders. , 2017, , .		49
71	Biodeterioration of some herbal raw materials by storage fungi and aflatoxin and assessment of <i>Cymbopogon flexuosus</i> essential oil and its components as antifungal. International Biodeterioration and Biodegradation, 2009, 63, 712-716.	1.9	48
72	<i>Burkholderia ginsengiterrae</i> sp. nov. and <i>Burkholderia panaciterrae</i> sp. nov., antagonistic bacteria against root rot pathogen <i>Cylindrocarpon destructans</i> , isolated from ginseng soil. Archives of Microbiology, 2015, 197, 439-447.	1.0	48

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73	Microbial synthesis of Flower-shaped gold nanoparticles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1469-1474.	1.9	47
74	Insecticidal activity of <i>Ageratum conyzoides</i> L., <i>Coleus aromaticus</i> Benth. and <i>Hyptis suaveolens</i> (L.) Poit essential oils as fumigant against storage grain insect <i>Tribolium castaneum</i> Herbst. <i>Journal of Food Science and Technology</i> , 2014, 51, 2210-2215.	1.4	46
75	The Centriolar Protein Bld10/Cep135 Is Required to Establish Centrosome Asymmetry in <i>Drosophila</i> Neuroblasts. <i>Current Biology</i> , 2014, 24, 1548-1555.	1.8	46
76	Study of enabling factors affecting the adoption of ICT in the Indian built environment sector. <i>Ain Shams Engineering Journal</i> , 2021, 12, 2313-2319.	3.5	46
77	Effect of <i>Citrus reticulata</i> and <i>Cymbopogon citratus</i> Essential Oils on <i>Aspergillus flavus</i> Growth and Aflatoxin Production on <i>Asparagus racemosus</i> . <i>Mycopathologia</i> , 2010, 170, 195-202.	1.3	45
78	Bioinspired synergistic formulation from dihydropyrimidinones and iodide ions for corrosion inhibition of carbon steel in sulphuric acid. <i>Journal of Molecular Liquids</i> , 2020, 298, 112051.	2.3	45
79	Assessment of <i>Pelargonium graveolens</i> oil as plant-based antimicrobial and aflatoxin suppressor in food preservation. <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 2421-2425.	1.7	44
80	Network of Remote and Local Protein Dynamics in Dihydrofolate Reductase Catalysis. <i>ACS Catalysis</i> , 2015, 5, 3067-3073.	5.5	44
81	Essential Oil of <i>Aegle marmelos</i> , as a Safe Plant-Based Antimicrobial Against Postharvest Microbial Infestations and Aflatoxin Contamination of Food Commodities. <i>Journal of Food Science</i> , 2009, 74, M302-7.	1.5	43
82	Role of green silver nanoparticles synthesized from <i>Symphytum officinale</i> leaf extract in protection against UVB-induced photoaging. <i>Journal of Nanostructure in Chemistry</i> , 2018, 8, 359-368.	5.3	43
83	A novel combination of the essential oils of <i>Cinnamomum camphora</i> and <i>Alpinia galanga</i> in checking aflatoxin B1 production by a toxigenic strain of <i>Aspergillus flavus</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 693-697.	1.7	42
84	Pharmacological importance, characterization and applications of gold and silver nanoparticles synthesized by <i>Panax ginseng</i> fresh leaves. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1415-1424.	1.9	42
85	Reversible data hiding based on Shamir's secret sharing for color images over cloud. <i>Information Sciences</i> , 2018, 422, 77-97.	4.0	42
86	Development of superparamagnetic iron oxide nanoparticles via direct conjugation with ginsenosides and its in-vitro study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 185, 100-110.	1.7	42
87	In vivo activity of thiophene-containing trisubstituted methanes against acute and persistent infection of non-tubercular <i>Mycobacterium fortuitum</i> in a murine infection model. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 1188-1197.	1.3	41
88	In situ preparation of water-soluble ginsenoside Rh2-entrapped bovine serum albumin nanoparticles: in vitro cytocompatibility studies. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 4073-4084.	3.3	40
89	Antifungal and antiaflatoxicogenic efficacy of <i>Caesulia axillaris</i> Roxb. essential oil against fungi deteriorating some herbal raw materials, and its antioxidant activity. <i>Industrial Crops and Products</i> , 2012, 36, 74-80.	2.5	38
90	Genetic polymorphisms of GSTM1, GSTT1 and GSTP1 and susceptibility to DNA damage in workers occupationally exposed to organophosphate pesticides. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 725, 36-42.	0.9	37

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91	Automatic classification of leukocytes using morphological features and Naïve Bayes classifier. , 2016, , ,		37
92	Investigation of the corrosion inhibition effect of 3-methyl-6-oxo-4-(thiophen-2-yl)-4,5,6,7-tetrahydro-2H-pyrazolo[3,4-b]pyridine-5-carbonitrile (TPP) on mild steel in hydrochloric acid. Journal of Taibah University for Science, 2016, 10, 139-147.	1.1	37
93	Characterization and antimicrobial application of biosynthesized gold and silver nanoparticles by using <i>Microbacterium resistens</i> . Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 1714-1721.	1.9	36
94	Promoter hypermethylation inactivates CDKN2A, CDKN2B and RASSF1A genes in sporadic parathyroid adenomas. Scientific Reports, 2017, 7, 3123.	1.6	36
95	Integrated genomic view of SARS-CoV-2 in India. Wellcome Open Research, 2020, 5, 184.	0.9	36
96	EFFICACY OF ESSENTIAL OIL COMBINATION OF <i>CURCUMA LONGA</i> L. AND <i>ZINGIBER OFFICINALE</i> ROSC. AS A POSTHARVEST FUNGITOXICANT, AFLATOXIN INHIBITOR AND ANTIOXIDANT AGENT. Journal of Food Safety, 2012, 32, 279-288.	1.1	35
97	Investigating the disposal of E-Waste as in architectural engineering and construction industry. Materials Today: Proceedings, 2022, 56, 1891-1895.	0.9	33
98	A Sustainable Approach for the Green Synthesis of Silver Nanoparticles from <i>Solibacillus isronensis</i> sp. and Their Application in Biofilm Inhibition. Molecules, 2020, 25, 2783.	1.7	32
99	Reduced Calcium Sensing Receptor (CaSR) Expression Is Epigenetically Deregulated in Parathyroid Adenomas. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 3015-3024.	1.8	32
100	Development of Prediction Models to Determine Compressive Strength and Workability of Sustainable Concrete with ANN. Lecture Notes in Electrical Engineering, 2021, , 753-769.	0.3	32
101	Efficacy of essential oils of <i>Lippia alba</i> (Mill.) N.E. Brown and <i>Callistemon lanceolatus</i> (Sm.) Sweet and their major constituents on mortality, oviposition and feeding behaviour of pulse beetle, <i>Callosobruchus chinensis</i> L.. Journal of the Science of Food and Agriculture, 2011, 91, n/a-n/a.	1.7	31
102	Influence of CYP2C9, GSTM1, GSTT1 and NAT2 genetic polymorphisms on DNA damage in workers occupationally exposed to organophosphate pesticides. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 741, 101-108.	0.9	31
103	Thiophene containing trisubstituted methanes [TRSMs] as identified lead against <i>Mycobacterium tuberculosis</i> . European Journal of Medicinal Chemistry, 2015, 95, 357-368.	2.6	31
104	Quinoxaline derivatives as efficient corrosion inhibitors: Current status, challenges and future perspectives. Journal of Molecular Liquids, 2020, 320, 114387.	2.3	31
105	Don't just sign use brain too: A novel multimodal approach for user identification and verification. Information Sciences, 2018, 430-431, 163-178.	4.0	30
106	Antibacterial Effect of Silver Nanoparticles Is Stronger If the Production Host and the Targeted Pathogen Are Closely Related. Biomedicines, 2022, 10, 628.	1.4	30
107	Antifungal, anti-aflatoxigenic, and antioxidant efficacy of <i>Jamrosia</i> essential oil for preservation of herbal raw materials. International Biodeterioration and Biodegradation, 2012, 74, 11-16.	1.9	28
108	Effect of organic solvents on peroxidases from rice and horseradish: Prospects for enzyme based applications. Talanta, 2012, 97, 204-210.	2.9	28

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109	Efficacy of <i>Angelica archangelica</i> essential oil, phenyl ethyl alcohol and α -terpineol against isolated molds from walnut and their anti-aflatoxigenic and antioxidant activity. <i>Journal of Food Science and Technology</i> , 2015, 52, 2220-2228.	1.4	28
110	Secure data deduplication using secret sharing schemes over cloud. <i>Future Generation Computer Systems</i> , 2018, 88, 156-167.	4.9	28
111	Diagnostic cut-offs, prevalence, and biochemical predictors of sarcopenia in healthy Indian adults: The Sarcopenia-Chandigarh Urban Bone Epidemiological Study (Sarco-CUBES). <i>European Geriatric Medicine</i> , 2020, 11, 725-736.	1.2	28
112	Strong Antimicrobial Activity of Silver Nanoparticles Obtained by the Green Synthesis in <i>Viridibacillus</i> sp. Extracts. <i>Frontiers in Microbiology</i> , 2022, 13, 820048.	1.5	28
113	Crowding-Induced Quenching of Intrinsic Tryptophans of Serum Albumins: A Residue-Level Investigation of Different Conformations. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 2610-2617.	2.1	27
114	Engineering of mesoporous silica nanoparticles for release of ginsenoside CK and Rh2 to enhance their anticancer and anti-inflammatory efficacy: in vitro studies. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	0.8	27
115	Adaptive Fuzzy Logic Models for the Prediction of Compressive Strength of Sustainable Concrete. <i>Lecture Notes in Networks and Systems</i> , 2022, , 593-605.	0.5	27
116	Secure Cloud-Based Image Tampering Detection and Localization Using POB Number System. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2017, 13, 1-23.	3.0	26
117	Applications of porous silicon thin films in solar cells and biosensors. <i>Jom</i> , 2010, 62, 15-24.	0.9	25
118	Linking Protein Motion to Enzyme Catalysis. <i>Molecules</i> , 2015, 20, 1192-1209.	1.7	25
119	<i>Sphingomonas panacis</i> sp. nov., isolated from rhizosphere of rusty ginseng. <i>Antonie Van Leeuwenhoek</i> , 2015, 108, 711-720.	0.7	25
120	A (n, n) threshold non-expansible XOR based visual cryptography with unique meaningful shares. <i>Signal Processing</i> , 2018, 142, 301-319.	2.1	25
121	Genetically Diverse Variants of <i>Sugarcane bacilliform virus</i> Infecting Sugarcane in India and Evidence of a Novel Recombinant <i>Badnavirus</i> Variant. <i>Journal of Phytopathology</i> , 2014, 162, 779-787.	0.5	24
122	Adjunctive Local Delivery of Aloe Vera Gel in Patients With Type 2 Diabetes and Chronic Periodontitis: A Randomized, Controlled Clinical Trial. <i>Journal of Periodontology</i> , 2016, 87, 268-274.	1.7	24
123	A multimodal biometric watermarking system for digital images in redundant discrete wavelet transform. <i>Multimedia Tools and Applications</i> , 2017, 76, 3871-3897.	2.6	24
124	One percent alendronate and aloe vera gel local host modulating agents in chronic periodontitis patients with class II furcation defects: A randomized, controlled clinical trial. <i>Journal of Investigative and Clinical Dentistry</i> , 2018, 9, e12334.	1.8	24
125	Efficacy of <i>Corvus calamus</i> essential oil as a safe plant-based antioxidant, aflatoxin B ₁ suppressor and broad spectrum antimicrobial against food-infecting fungi. <i>International Journal of Food Science and Technology</i> , 2013, 48, 128-135.	1.3	23
126	An efficient fragile watermarking scheme with multilevel tamper detection and recovery based on dynamic domain selection. <i>Multimedia Tools and Applications</i> , 2016, 75, 8165-8194.	2.6	23

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127	Pathogenesis strategies and regulation of ginsenosides by two species of <i>Ilyonectria</i> in <i>Panax ginseng</i> : power of speciation. <i>Journal of Ginseng Research</i> , 2020, 44, 332-340.	3.0	23
128	Green synthesis and antibacterial applications of gold and silver nanoparticles from <i>Ligustrum vulgare</i> berries. <i>Scientific Reports</i> , 2022, 12, 7902.	1.6	23
129	<i>Cupriavidus yeoncheonense</i> sp. nov., isolated from soil of ginseng. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 749-758.	0.7	22
130	The mRNA capping enzyme of <i>Saccharomyces cerevisiae</i> has dual specificity to interact with CTD of RNA Polymerase II. <i>Scientific Reports</i> , 2016, 6, 31294.	1.6	22
131	Chemical composition of <i>Ocimum basilicum</i> L. essential oil and its efficacy as a preservative against fungal and aflatoxin contamination of dry fruits. <i>International Journal of Food Science and Technology</i> , 2011, 46, 1840-1846.	1.3	21
132	Synthetic approach towards trisubstituted methanes and a chiral tertiary β -hydroxyaldehyde, a possible intermediate for tetrasubstituted methanes. <i>RSC Advances</i> , 2013, 3, 12100.	1.7	21
133	An evolutionarily conserved interaction of tumor suppressor protein Pcd4 with the poly(A)-binding protein contributes to translation suppression by Pcd4. <i>Nucleic Acids Research</i> , 2014, 42, 11107-11118.	6.5	21
134	A self recoverable dual watermarking scheme for copyright protection and integrity verification. <i>Multimedia Tools and Applications</i> , 2017, 76, 6389-6428.	2.6	21
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