Awanish Kumar

List of Publications by Year in descending order

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261 papers

5,721 citations

39 h-index 110387 64 g-index

270 all docs

270 docs citations

270 times ranked

7823 citing authors

#	Article	IF	CITATIONS
1	Scientific rationale of Indian AYUSH Ministry advisory for COVID-19 prevention, prophylaxis, and immunomodulation. Advances in Traditional Medicine, 2023, 23, 321-345.	2.0	5
2	Ayurvedic Herbs Advised for COVID-19 Management: Therapeutic Potential and Clinical Relevance. Current Traditional Medicine, 2023, 9, .	0.4	1
3	Mucosal and transdermal vaccine delivery strategies against COVID-19. Drug Delivery and Translational Research, 2022, 12, 968-972.	5.8	17
4	Application of probiotics in candidiasis management. Critical Reviews in Food Science and Nutrition, 2022, 62, 8249-8264.	10.3	17
5	l-asparaginase: Need for an Expedition from an Enzymatic Molecule to Antimicrobial Drug. International Journal of Peptide Research and Therapeutics, 2022, 28, 9.	1.9	5
6	Microbial pathogenesis in inflammatory bowel diseases. Microbial Pathogenesis, 2022, 163, 105383.	2.9	8
7	Rifampicin Increases Expression of Plant Codon-Optimized Bacillus thuringiensis \hat{l} -Endotoxin Genes in Escherichia coli. Protein Journal, 2022, , 1.	1.6	3
8	Role and challenges of internet of things and informatics in Healthcare research. Health and Technology, 2022, 12, 701-712.	3.6	4
9	Wideband, polarization independent electromagnetic wave absorber using cross arrow resonator and lumped <scp>SMD</scp> resistors for C and X band applications. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, .	1.2	7
10	Involvement of Cathepsins Protein in Mycobacterial Infection and Its Future Prospect as a Therapeutic Target. International Journal of Peptide Research and Therapeutics, 2022, 28, 1.	1.9	1
11	Initial Retrocolic Endoscopic Tunnel Approach As an Ergonomic and Oncologically Apt Laparoscopic Technique for Resection of Malignant Right Colonic Lesions: An Experience from a University Hospital. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2022, , .	1.0	O
12	Targeting delta-endotoxin (Cry1Ac) of Bacillus thuringiensis to subcellular compartments increases the protein expression, stability, and biological activity. International Journal of Biological Macromolecules, 2022, 205, 185-192.	7.5	0
13	Salmonella typhi induced oncogenesis in gallbladder cancer: Co-relation and progression. Advances in Cancer Biology Metastasis, 2022, 4, 100032.	2.0	3
14	Targeted therapy of irritable bowel syndrome with anti-inflammatory cytokines. Clinical Journal of Gastroenterology, 2022, 15, 1-10.	0.8	9
15	Biotransformation of root and tuber crops by lactic acid bacteria into value-added bio-commodities., 2022,, 63-86.		O
16	HPLC in the discovery of plant phenolics as antifungal molecules against Candida infection related biofilms. Microchemical Journal, 2022, 179, 107572.	4.5	3
17	Frequently Used Allopathic and Traditional Medicine for COVID-19 Treatment and Feasibility of Their Integration. Chinese Journal of Integrative Medicine, 2022, 28, 1040-1047.	1.6	3
18	High-performance thin-layer chromatography-based quantification of therapeutic phytochemicals in the methanolic extract of Ayurvedic formulation Drakshavaleha. Journal of Planar Chromatography - Modern TLC, 2022, 35, 117-125.	1.2	3

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19	Biopolymeric nanocarrier: an auspicious system for oral delivery of insulin. Journal of Biomaterials Science, Polymer Edition, 2022, 33, 2145-2164.	3.5	7
20	Target shortage and less explored multiple targeting: hurdles in the development of novel antifungals but overcome/addressed effectively through structural bioinformatics. Briefings in Bioinformatics, 2021, 22, .	6.5	6
21	A prospective randomised control trial to compare the perioperative outcomes and ergonomic challenges between triangular versus midline port placement in total extra-peritoneal repair of uncomplicated unilateral inguinal hernia. Surgical Endoscopy and Other Interventional Techniques, 2021. 35. 1395-1404.	2.4	4
22	Targeting type II diabetes with plant terpenes: the new and promising antidiabetic therapeutics. Biologia (Poland), 2021, 76, 241-254.	1.5	29
23	Extraction and characterization of secondary metabolites produced by bacteria isolated from industrial wastewater. Journal of Water Process Engineering, 2021, 40, 101811.	5.6	5
24	Antimicrobial potency evaluation of free and immobilized l-asparaginase using chitosan nanoparticles. Journal of Drug Delivery Science and Technology, 2021, 61, 102231.	3.0	9
25	Identification of novel inhibitors of angiotensin-converting enzyme 2 (ACE-2) receptor from Urtica dioica to combat coronavirus disease 2019 (COVID-19). Molecular Diversity, 2021, 25, 1795-1809.	3.9	16
26	Maintenance of Leishmania parasite. , 2021, , 17-24.		0
27	Vaccination approaches for VL., 2021, , 103-115.		0
28	Comparative evaluation of outcomes in different techniques of mesh fixation in totally extraperitoneal hernioplasty. International Journal of Abdominal Wall and Hernia Surgery, 2021, 4, 64.	0.4	1
29	Promising Antiviral Molecules from Ayurvedic Herbs and Spices against COVID-19. Chinese Journal of Integrative Medicine, 2021, 27, 243-244.	1.6	7
30	Significant biopolymers and their applications in buccal mediated drug delivery. Journal of Biomaterials Science, Polymer Edition, 2021, 32, 1203-1218.	3.5	10
31	Rapid eye movement sleep deprivation impairs neuronal plasticity and reduces hippocampal neuronal arborization in male albino rats: Noradrenaline is involved in the process. Journal of Neuroscience Research, 2021, 99, 1815-1834.	2.9	14
32	Antibiotic resistome of Salmonella typhi: molecular determinants for the emergence of drug resistance. Frontiers of Medicine, 2021, 15, 693-703.	3.4	8
33	COVID-19 gripped the globe with some unnoticed facts and too many questions. VirusDisease, 2021, , 1-4.	2.0	0
34	Asymmetric meander line <scp>slotâ€based Xâ€band</scp> leaky wave antenna. Microwave and Optical Technology Letters, 2021, 63, 2846-2851.	1.4	4
35	Overview on the Prevalence of Fungal Infections, Immune Response, and Microbiome Role in COVID-19 Patients. Journal of Fungi (Basel, Switzerland), 2021, 7, 720.	3.5	49
36	Chitosan derivatives: A suggestive evaluation for novel inhibitor discovery against wild type and variants of SARS-CoV-2 virus. International Journal of Biological Macromolecules, 2021, 187, 492-512.	7.5	17

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37	Innovative screening and drug susceptibility analysis on Candida albicans using Foldscope microscopy. Rendiconti Lincei, 2021, 32, 163-180.	2.2	5
38	Leishmaniasis: An overview., 2021, , 1-15.		0
39	Flexible EM Wave Absorber with High Angular Stability and Low Cross Polarization Reflection Level. , 2021, , .		4
40	Proteomics in Host-Protozoan Parasite Interactions and Development of Drug and Vaccine. Advanced Pharmaceutical Bulletin, 2021, 11, 209-211.	1.4	1
41	Energy Conservation Implementation at Cable Manufacturing Industry through ETAP Analysis., 2021,,.		0
42	Degradation product of curcumin restrain Salmonella typhimurium virulent protein L-asparaginase. Journal of Complementary and Integrative Medicine, 2021, .	0.9	0
43	High-performance thin-layer chromatographic standardization and quantification of marker compounds in an Ayurvedic polyherbal formulation: Krishnadi Churna. Journal of Planar Chromatography - Modern TLC, 2021, 34, 493-502.	1.2	4
44	<i>Hedychium coronarium</i> Rhizomes: Promising Antidiabetic and Natural Inhibitor of α-Amylase and α-Glucosidase. Journal of Dietary Supplements, 2020, 17, 81-87.	2.6	12
45	In Vitro and In Vivo Anti-diabetic Activity of Fractions Obtained from the Unexplored Hedychium coronarium Rhizome. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2020, 90, 605-614.	1.0	6
46	Multiple Drug Targeting Potential of Novel Ligands Against Virulent Proteins of Candida albicans. International Journal of Peptide Research and Therapeutics, 2020, 26, 921-942.	1.9	8
47	Coumarins: antifungal effectiveness and future therapeutic scope. Molecular Diversity, 2020, 24, 1367-1383.	3.9	41
48	Subtractive Proteome Analysis of Candida albicans Divulges Promising Antifungal Targets. International Journal of Peptide Research and Therapeutics, 2020, 26, 1559-1566.	1.9	5
49	Deciphering the function of unknown Leishmania donovani cytosolic proteins using hyperparameter-tuned random forest. Network Modeling Analysis in Health Informatics and Bioinformatics, 2020, 9, 1.	2.1	2
50	Have RCTs brought back the "Empirical―into Economics?. World Development, 2020, 127, 104828.	4.9	4
51	In vitro and in vivo degradation behavior and the long-term performance of biodegradable PLCL balloon implants. International Journal of Pharmaceutics, 2020, 574, 118870.	5.2	16
52	Identification of potential inhibitors targeted for strengthening search of anti-leishmanial therapeutics. Biologia (Poland), 2020, 75, 437-445.	1.5	2
53	Virtual global biorepository: access for all to speed-up result-oriented research. Cell and Tissue Banking, 2020, 21, 361-365.	1.1	2
54	DNA-based microarray studies in visceral leishmaniasis: identification of biomarkers for diagnostic, prognostic and drug target for treatment. Acta Tropica, 2020, 208, 105512.	2.0	21

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55	Genetically modified live attenuated vaccine: A potential strategy to combat visceral leishmaniasis. Parasite Immunology, 2020, 42, e12732.	1.5	22
56	A spotlight on the diagnostic methods of a fatal disease Visceral Leishmaniasis. Parasite Immunology, 2020, 42, e12727.	1.5	33
57	The virtuous potential of chitosan oligosaccharide for promising biomedical applications. Journal of Materials Research, 2020, 35, 1123-1134.	2.6	23
58	A mathematical model of adiponectin resistance. Journal of Theoretical Biology, 2020, 494, 110246.	1.7	6
59	Survival Strategies of Leishmania Parasite: Too Many Questions and Few Answers. Current Pharmacology Reports, 2020, 6, 25-27.	3.0	4
60	An Improved Synthesis of Key Intermediate to the Formation of Selected Indolin-2-Ones Derivatives Incorporating Ultrasound and Deep Eutectic Solvent (DES) Blend of Techniques, for Some Biological Activities and Molecular Docking Studies. Molecules, 2020, 25, 1118.	3.8	5
61	Optimization for bio-processing of elephant foot yam (Amorphophallus paeoniifolius) into Lacto-pickle using Taguchi statistical approach. Journal of Food Measurement and Characterization, 2020, 14, 1470-1480.	3.2	2
62	Traditionally fermented pickles: How the microbial diversity associated with their nutritional and health benefits?. Journal of Functional Foods, 2020, 70, 103971.	3.4	132
63	Structure-Based Immunogenicity Prediction of Uricase from Fungal (Aspergillus flavus), Bacterial (Bacillus subtillis) and Mammalian Sources Using Immunoinformatic Approach. Protein Journal, 2020, 39, 133-144.	1.6	6
64	Molecular docking and ADMET-based mining of terpenoids against targets of type-II diabetes. Network Modeling Analysis in Health Informatics and Bioinformatics, 2020, 9, 1.	2.1	3
65	Transfascial suture versus tack fixation of mesh in totally extraperitoneal repair of inguinal hernia: A prospective comparative study. Journal of Minimal Access Surgery, 2020, 16, 132.	0.7	2
66	Classification of Diabetic Retinopathy Based on Segmentation of Medical Images. Studies in Computational Intelligence, 2020, , 67-83.	0.9	2
67	Improved Polarization Insensitive Dual Band Electromagnetic Wave Absorber. , 2019, , .		2
68	Fabrication of eggshell membrane–based novel buccal mucosa–mimetic surface and mucoadhesion testing of chitosan oligosaccharide films. Journal of Materials Research, 2019, 34, 3777-3786.	2.6	7
69	Poly(lactic acid) and poly(lactic-co-glycolic) acid nanoparticles: versatility in biomedical applications. , 2019, , 199-216.		3
70	Identification of trans-2-cis-8-Matricaria-ester from the Essential Oil of Erigeron multiradiatus and Evaluation of Its Antileishmanial Potential by in Vitro and in Silico Approaches. ACS Omega, 2019, 4, 14640-14649.	3.5	19
71	Japanese encephalitis virus: Associated immune response and recent progress in vaccine development. Microbial Pathogenesis, 2019, 136, 103678.	2.9	19
72	Biobased technologies for the efficient extraction of biopolymers from waste biomass. Bioprocess and Biosystems Engineering, 2019, 42, 1893-1901.	3.4	66

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73	Biodegradable implantable balloons: Mechanical stability under physiological conditions. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 100, 103404.	3.1	5
74	Transmission of leishmaniasis from human to other vertebrates: a rapid zooanthroponotic evolution. International Microbiology, 2019, 22, 399-401.	2.4	3
75	Optimization for enhanced hydrogen production from Rhodobacter sphaeroides using response surface methodology. SN Applied Sciences, 2019, 1, 1.	2.9	5
76	Alginate for delivery of sensitive molecules and cells for diabetes treatment., 2019, , 105-126.		1
77	Why Study on Helicobacter pylori Type IV Secretion System is Slow?. SN Comprehensive Clinical Medicine, 2019, 1, 339-341.	0.6	0
78	Sludge: next paradigm for enzyme extraction and energy generation. Preparative Biochemistry and Biotechnology, 2019, 49, 105-116.	1.9	8
79	Cannula-Assisted Port Placement during Video Endoscopic Inguinal Lymphadenectomy (VEIL)—a Novel and Safe Technique. Indian Journal of Surgical Oncology, 2019, 10, 570-573.	0.7	1
80	Biochemical analysis of elephant foot yam (Amorphophallus paeoniifolius) lacto-pickle with probiotic Lactobacillus plantarum. Annals of Microbiology, 2019, 69, 577-590.	2.6	6
81	Effect of Ethylene Oxide and Gamma (\hat{I}^3 -) Sterilization on the Properties of a PLCL Polymer Material in Balloon Implants. ACS Omega, 2019, 4, 21319-21326.	3.5	20
82	Strategic planning of proteins in ionic liquids: future solvents for the enhanced stability of proteins against multiple stresses. Physical Chemistry Chemical Physics, 2019, 21, 23269-23282.	2.8	26
83	Anticandidal agent for multiple targets: the next paradigm in the discovery of proficient therapeutics/overcoming drug resistance. Future Medicinal Chemistry, 2019, 11, 2955-2974.	2.3	8
84	Inhibitors of CPH1-MAP Kinase Pathway: Ascertaining Potential Ligands as Multi-Target Drug Candidate in Candida albicans. International Journal of Peptide Research and Therapeutics, 2019, 25, 997-1010.	1.9	8
85	Transforming the Healthcare System Through Therapeutic Enzymes. , 2019, , 603-625.		2
86	Biodegradable wafers releasing Temozolomide and Carmustine for the treatment of brain cancer. Journal of Controlled Release, 2019, 295, 93-101.	9.9	64
87	Dispersible hydrolytically sensitive nanoparticles for nasal delivery of thyrotropin releasing hormone (TRH). Journal of Controlled Release, 2019, 295, 278-289.	9.9	24
88	Evaluation of antileishmanial potential of computationally screened compounds targeting DEAD-box RNA helicase of Leishmania donovani. International Journal of Biological Macromolecules, 2019, 121, 480-487.	7.5	23
89	Detection of type-2 diabetes using characteristics of toe photoplethysmogram by applying support vector machine. Biocybernetics and Biomedical Engineering, 2019, 39, 38-51.	5.9	40
90	Phytochemicals As Uropathognic Escherichia Coli FimH Antagonist: In Vitro And In Silico Approach. Current Molecular Medicine, 2019, 18, 640-653.	1.3	10

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91	Experimental Optimization of Green Hydrogen Production from Phototrophic Bacteria Rhodobacter sphaeroides. Recent Innovations in Chemical Engineering, 2019, 12, 98-109.	0.4	o
92	Antidiabetic phytoconstituents and their mode of action on metabolic pathways. Therapeutic Advances in Endocrinology and Metabolism, 2018, 9, 81-100.	3.2	120
93	Muscarinic and nicotinic acetylcholine receptor agonists: current scenario in Alzheimer's disease therapy. Journal of Pharmacy and Pharmacology, 2018, 70, 985-993.	2.4	88
94	Rough set method accurately predicts unknown protein class/family of Leishmania donovani membrane proteome. Mathematical Biosciences, 2018, 301, 37-49.	1.9	7
95	Synthesis, Anticancer Evaluation, and Molecular Docking Studies of Novel (4â€Hydroxyâ€2â€Thioxoâ€3,4â€Dihydroâ€2 <i>H</i> i>à€{1,3]Thiazinâ€6â€Yl)â€Chromenâ€2â€Ones via a Multico Journal of the Chinese Chemical Society, 2018, 65, 810-821.	o m ponent	Ap proach.
96	Targeting oxidative stress through antioxidants in diabetes mellitus. Journal of Drug Targeting, 2018, 26, 766-776.	4.4	47
97	Aminoacyl-tRNA synthetases: Structure, function, and drug discovery. International Journal of Biological Macromolecules, 2018, 111, 400-414.	7.5	89
98	Slow pace of antileishmanial drug development. Parasitology Open, 2018, 4, .	0.9	25
99	Innovative aspects of protein stability in ionic liquid mixtures. Biophysical Reviews, 2018, 10, 841-846.	3.2	35
100	Identification of potential inhibitors of <i>Fasciola gigantica </i> thioredoxin1: computational screening, molecular dynamics simulation, and binding free energy studies. Journal of Biomolecular Structure and Dynamics, 2018, 36, 2147-2162.	3.5	45
101	Deciphering the role of Sodium Lignosulfonate against Candida spp. as persuasive anticandidal agent. International Journal of Biological Macromolecules, 2018, 107, 1212-1219.	7.5	21
102	Alzheimer's Disease Therapy: Present and Future Molecules. Neuromethods, 2018, , 3-22.	0.3	4
103	Statistical optimization of elephant foot yam (Amorphophallus paeoniifolius) lacto-pickle for maximal yield of lactic acid. LWT - Food Science and Technology, 2018, 87, 342-350.	5.2	9
104	Antibiotic resistance and wastewater: Correlation, impact and critical human health challenges. Journal of Environmental Chemical Engineering, 2018, 6, 52-58.	6.7	166
105	How Does a Smart Polymer Respond to Imidazolium-Based Ionic Liquids?. ACS Sustainable Chemistry and Engineering, 2018, 6, 1400-1410.	6.7	15
106	Recent developments in synthesis of embelin heterocyclic derivatives and their biological applications. Chemical Papers, 2018, 72, 1065-1080.	2.2	5
107	Eugenol derivatives prospectively inhibit l-asparaginase: A heady target protein ofÂSalmonella typhimurium. Microbial Pathogenesis, 2018, 114, 8-16.	2.9	6
108	Onâ∈Water NiFe ₂ O ₄ Nanoparticleâ€Catalyzed Oneâ€Pot Synthesis of Biofunctionalized Pyrimidineâ€Thiazole Derivatives: In Silico Binding Affinity and In Vitro Anticancer Activity Studies. ChemistrySelect, 2018, 3, 11012-11019.	1.5	7

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109	l-Asparaginase: a feasible therapeutic molecule for multiple diseases. 3 Biotech, 2018, 8, 278.	2.2	14
110	Noninvasive Diagnostic Methods for Better Screening of Peripheral Arterial Disease. Annals of Vascular Surgery, 2018, 52, 263-272.	0.9	11
111	Targeted therapy of chronic liver diseases with the inhibitors of angiogenesis. Biomedicine and Pharmacotherapy, 2018, 105, 256-266.	5.6	9
112	Antimicrobial polymeric gels., 2018,, 357-371.		0
113	Potential of photoplethysmogram for the detection of calcification and stenosis in lower limb. International Journal of Bioinformatics Research and Applications, 2018, 14, 283.	0.2	1
114	Reply: Prophylactic placement of permanent synthetic mesh at the time of ostomy closure prevents formation of incisional hernias. Surgery, 2018, 164, 1126-1134.	1.9	0
115	A Prospective Nonrandomized Study of Comparison of Perioperative and Quality of Life Outcomes of Endoscopic Versus Open Inguinal Hernia Repair: Data from a Developing Country. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2017, 27, 264-267.	1.0	3
116	Interleukin-10: A Compelling Therapeutic Target in Patients With Irritable Bowel Syndrome. Clinical Therapeutics, 2017, 39, 632-643.	2.5	27
117	Modeling of Simultaneous Application of Vibriosp. (SK1) and Biochar Amendment for Removal of Pentachlorophenol in Soil. Environmental Engineering Science, 2017, 34, 551-561.	1.6	4
118	Chitosan/TiO 2 composite membrane improves proliferation and survival of L929 fibroblast cells: Application in wound dressing and skin regeneration. International Journal of Biological Macromolecules, 2017, 98, 329-340.	7.5	133
119	Putative Drug and Vaccine Target Identification in Leishmania donovani Membrane Proteins Using NaÃ-ve Bayes Probabilistic Classifier. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2017, 14, 204-211.	3.0	11
120	Therapeutic molecules against type 2 diabetes: What we have and what are we expecting?. Pharmacological Reports, 2017, 69, 959-970.	3.3	31
121	Evaluation of biliary ductal anatomy in potential living liver donors: comparison between MRCP and Gd-EOB-DTPA-enhanced MRI. Abdominal Radiology, 2017, 42, 2428-2435.	2.1	11
122	Mesenchymal stem cell in venous leg ulcer: An intoxicating therapy. Journal of Tissue Viability, 2017, 26, 216-223.	2.0	14
123	Re: Single-incision versus 3-port laparoscopic cholecystectomy in symptomatic gallstones: A prospective randomized study. Surgery, 2017, 162, 1347.	1.9	1
124	Biocompatibility of ionic liquids towards protein stability: A comprehensive overview on the current understanding and their implications. International Journal of Biological Macromolecules, 2017, 96, 611-651.	7.5	83
125	Development and characterization of tripolymeric and bipolymeric composite films using glyoxal as a potent crosslinker for biomedical application. Materials Science and Engineering C, 2017, 73, 333-339.	7.3	11
126	In vitro screening and in silico validation revealed key microbes for higher production of significant therapeutic enzyme l-asparaginase. Enzyme and Microbial Technology, 2017, 98, 9-17.	3.2	29

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127	Gut biofilm forming bacteria in inflammatory bowel disease. Microbial Pathogenesis, 2017, 112, 5-14.	2.9	39
128	Design of Divider Using Taylor Series in QCA. Energy Procedia, 2017, 117, 818-825.	1.8	7
129	Eucalyptol, sabinene and cinnamaldehyde: potent inhibitors of salmonella target protein l-asparaginase. 3 Biotech, 2017, 7, 258.	2.2	11
130	A Prospective Randomized Controlled Trial Comparing Quality of Life Following Endoscopic Totally Extraperitoneal (TEP) Versus Open Stoppa Inguinal Hernioplasty. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques, 2017, 27, 257-261.	0.8	7
131	Biotechnological production and practical application of L-asparaginase enzyme. Biotechnology and Genetic Engineering Reviews, 2017, 33, 40-61.	6.2	52
132	Production and Recovery of Pyruvic Acid: Recent Advances. Journal of the Institution of Engineers (India): Series E, 2017, 98, 165-175.	0.9	8
133	Antioxidant potentials of successive solvent extracts from the unexplored Hedhychium coronarium rhizome. Journal of Food Science and Technology, 2017, 54, 3297-3306.	2.8	7
134	The morpheein model of allosterism: a remedial step for targeting virulent l -asparaginase. Drug Discovery Today, 2017, 22, 814-822.	6.4	6
135	Drug Resistance in Candida. , 2017, , 41-47.		0
136	Drug Development Strategies. , 2017, , 63-71.		4
137	Design of adder and binary multiplier in QCA using coplanar technique. , 2017, , .		2
138	Antifungals Used Against Candidiasis., 2017,, 11-39.		3
139	Crosstalk between Substrates and Rho-Associated Kinase Inhibitors in Cryopreservation of Tissue-Engineered Constructs. Stem Cells International, 2017, 2017, 1-9.	2.5	3
140	<i>Selaginella bryopteris</i> Aqueous Extract Improves Stability and Function of Cryopreserved Human Mesenchymal Stem Cells. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-10.	4.0	6
141	The Role of Ionic Liquids in Protein Folding/Unfolding Studies. , 2017, , .		1
142	Multidrug Resistance and Transporters. , 2017, , 49-54.		0
143	Potential Anticandidal Targets. , 2017, , 55-61.		0
144	Host–Pathogen Interaction. , 2017, , 7-10.		O

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145	Liquid-liquid extraction equilibrium for pyruvic acid recovery: experimental data and modeling. Brazilian Journal of Chemical Engineering, 2017, 34, 919-925.	1.3	3
146	Reactive oxygen species: sources, consequences and targeted therapy in type 2 diabetes. Journal of Drug Targeting, 2017, 25, 93-101.	4.4	74
147	A Peptide Based Pro-Drug Ameliorates Amyloid-β Induced Neuronal Apoptosis in In Vitro SH-SY5Y Cells. Current Alzheimer Research, 2017, 14, 1293-1304.	1.4	9
148	Spices Chemoconstituents as Persuasive Inhibitor of S. typhimurium Virulent Protein L-asparaginase. Letters in Drug Design and Discovery, 2017, 14, .	0.7	4
149	Short-term effect of conservation agriculture practices on soil quality of a vertisol in central India. Applied Biological Research, 2017, 19, 26.	0.2	2
150	A demographic study on relation between uric acid and diabetes parameters in the Chhattisgarh State of India. Advances in Human Biology, 2017, 7, 124.	0.2	0
151	Influence of zypmite on productivity and nutrient uptake of chickpea (Cicer arietinum L.) crop under rainfed condition Chhattisgarh plain region. Legume Research, 2017, , .	0.1	1
152	Exploring the Behavior of Bovine Serum Albumin in Response to Changes in the Chemical Composition of Responsive Polymers: Experimental and Simulation Studies. Polymers, 2016, 8, 238.	4.5	35
153	Molecular Docking and $\langle i \rangle$ In Silico $\langle i \rangle$ ADMET Study Reveals Acylguanidine 7a as a Potential Inhibitor of $\langle i \rangle$ $\hat{i}^2 \langle i \rangle$ -Secretase. Advances in Bioinformatics, 2016, 2016, 1-6.	5.7	87
154	Recent Advances and Future Direction in Lyophilisation and Desiccation of Mesenchymal Stem Cells. Stem Cells International, 2016, 2016, 1-9.	2.5	27
155	University laboratory power audit study with conservation recommendation. , 2016, , .		1
156	Why Chitosan? From properties to perspective of mucosal drug delivery. International Journal of Biological Macromolecules, 2016, 91, 615-622.	7.5	151
157	l -Asparaginase as morpheein: A potential drug target. Pharmacological Research, 2016, 111, 101.	7.1	0
158	Refolding effects of partially immiscible ammonium-based ionic liquids on the urea-induced unfolded lysozyme structure. Physical Chemistry Chemical Physics, 2016, 18, 12419-12422.	2.8	27
159	Development and targeting of transcriptional regulatory network controlling FLU1 activation in Candida albicans for novel antifungals. Journal of Molecular Graphics and Modelling, 2016, 69, 1-7.	2.4	7
160	Platform Chemicals and Pharmaceutical Industries. , 2016, , 285-306.		0
161	<scp>DNA</scp> vaccine against visceral leishmaniasis: a promising approach for prevention and control. Parasite Immunology, 2016, 38, 273-281.	1.5	34
162	Modeling and Optimization of Reactive Extraction of Citric Acid. Journal of Chemical & Samp; Engineering Data, 2016, 61, 2614-2623.	1.9	48

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163	Long-term primary culture of neurons taken from chick embryo brain: A model to study neural cell biology, synaptogenesis and its dynamic properties. Journal of Neuroscience Methods, 2016, 263, 123-133.	2.5	14
164	Reactive extraction of pyruvic acid using mixed extractants. Separation Science and Technology, 2016, 51, 1141-1150.	2.5	18
165	Exploring the structure and stability of amino acids and glycine peptides in biocompatible ionic liquids. RSC Advances, 2016, 6, 18763-18777.	3.6	13
166	Docking and ADMET prediction of few GSK-3 inhibitors divulges 6-bromoindirubin-3-oxime as a potential inhibitor. Journal of Molecular Graphics and Modelling, 2016, 65, 100-107.	2.4	75
167	Current and novel therapeutic molecules and targets in Alzheimer's disease. Journal of the Formosan Medical Association, 2016, 115, 3-10.	1.7	111
168	Microbial Decolorization and Degradation of Reactive Red 198 Azo Dye by a Newly Isolated Alkaligenes Species. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2016, 86, 805-815.	1.0	9
169	Review on industrial audit and energy saving recommendation in aluminium industry. , 2016, , .		7
170	Effect of Seaweed Saps on Growth, Nutrient Uptake and Yield of Potato (<i>Solanum tuberosum</i> L.). Applied Biological Research, 2016, 18, 1.	0.2	2
171	Phytotherapy for diabetes mellitus: back to nature. Minerva Endocrinologica, 2016, 41, 143-6.	1.8	1
172	Obesity: single house for many evils. Minerva Endocrinologica, 2016, 41, 499-508.	1.8	6
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