

Awanish Kumar

List of Publications by Year in descending order

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261
papers

5,721
citations

81900

39
h-index

110387

64
g-index

270
all docs

270
docs citations

270
times ranked

7823
citing authors

#	ARTICLE	IF	CITATIONS
1	Equilibrium critical phenomena in binary liquid mixtures. <i>Physics Reports</i> , 1983, 98, 57-143.	25.6	268
2	Strategies for the Production of Recombinant Protein in <i>Escherichia coli</i> . <i>Protein Journal</i> , 2013, 32, 419-425.	1.6	215
3	Overview of the Stability of $\hat{\pm}$ -Chymotrypsin in Different Solvent Media. <i>Chemical Reviews</i> , 2012, 112, 4283-4307.	47.7	211
4	Antibiotic resistance and wastewater: Correlation, impact and critical human health challenges. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 52-58.	6.7	166
5	Why Chitosan? From properties to perspective of mucosal drug delivery. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 615-622.	7.5	151
6	Chitosan/TiO ₂ composite membrane improves proliferation and survival of L929 fibroblast cells: Application in wound dressing and skin regeneration. <i>International Journal of Biological Macromolecules</i> , 2017, 98, 329-340.	7.5	133
7	Traditionally fermented pickles: How the microbial diversity associated with their nutritional and health benefits?. <i>Journal of Functional Foods</i> , 2020, 70, 103971.	3.4	132
8	Antidiabetic phytoconstituents and their mode of action on metabolic pathways. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , 2018, 9, 81-100.	3.2	120
9	Current and novel therapeutic molecules and targets in Alzheimer's disease. <i>Journal of the Formosan Medical Association</i> , 2016, 115, 3-10.	1.7	111
10	Does the stability of proteins in ionic liquids obey the Hofmeister series?. <i>International Journal of Biological Macromolecules</i> , 2014, 63, 244-253.	7.5	104
11	Aminoacyl-tRNA synthetases: Structure, function, and drug discovery. <i>International Journal of Biological Macromolecules</i> , 2018, 111, 400-414.	7.5	89
12	Muscarinic and nicotinic acetylcholine receptor agonists: current scenario in Alzheimer's disease therapy. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 985-993.	2.4	88
13	Molecular Docking and <i>In Silico</i> ADMET Study Reveals Acylguanidine 7a as a Potential Inhibitor of \hat{I}^2 -Secretase. <i>Advances in Bioinformatics</i> , 2016, 2016, 1-6.	5.7	87
14	Biocompatibility of ionic liquids towards protein stability: A comprehensive overview on the current understanding and their implications. <i>International Journal of Biological Macromolecules</i> , 2017, 96, 611-651.	7.5	83
15	Multistage Multiantigen Heterologous Prime Boost Vaccine for <i>Plasmodium knowlesi</i> Malaria Provides Partial Protection in Rhesus Macaques. <i>Infection and Immunity</i> , 2001, 69, 5565-5572.	2.2	80
16	Curcumin Targets Cell Wall Integrity via Calcineurin-Mediated Signaling in <i>Candida albicans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 167-175.	3.2	78
17	Docking and ADMET prediction of few GSK-3 inhibitors divulges 6-bromoindirubin-3-oxime as a potential inhibitor. <i>Journal of Molecular Graphics and Modelling</i> , 2016, 65, 100-107.	2.4	75
18	Reactive oxygen species: sources, consequences and targeted therapy in type 2 diabetes. <i>Journal of Drug Targeting</i> , 2017, 25, 93-101.	4.4	74

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19	Pro-apoptotic effect of the landrace Bangla Mahoba of Piper betle on Leishmania donovani may be due to the high content of eugenol. Journal of Medical Microbiology, 2009, 58, 1058-1066.	1.8	68
20	Sorptive removal of endocrine-disruptive compound (estriol, E3) from aqueous phase by batch and column studies: Kinetic and mechanistic evaluation. Journal of Hazardous Materials, 2009, 164, 820-828.	12.4	66
21	Biobased technologies for the efficient extraction of biopolymers from waste biomass. Bioprocess and Biosystems Engineering, 2019, 42, 1893-1901.	3.4	66
22	16 β -Hydroxycyclohexylidene from <i>Polyalthia longifolia</i> : a safe and orally active antileishmanial agent. British Journal of Pharmacology, 2010, 159, 1143-1150.	5.4	65
23	Prevention of insulin self-aggregation by a protic ionic liquid. RSC Advances, 2013, 3, 362-367.	3.6	64
24	Ecotoxic heavy metals transformation by bacteria and fungi in aquatic ecosystem. World Journal of Microbiology and Biotechnology, 2015, 31, 1595-1603.	3.6	64
25	Biodegradable wafers releasing Temozolomide and Carmustine for the treatment of brain cancer. Journal of Controlled Release, 2019, 295, 93-101.	9.9	64
26	Proteome mapping of overexpressed membrane-enriched and cytosolic proteins in sodium antimony gluconate (SAG) resistant clinical isolate of <i>Leishmania donovani</i> . British Journal of Clinical Pharmacology, 2010, 70, 609-617.	2.4	60
27	A comparative study of the effects of the Hofmeister series anions of the ionic salts and ionic liquids on the stability of β -chymotrypsin. New Journal of Chemistry, 2015, 39, 938-952.	2.8	58
28	Improved microbial biosynthesis strategies and multifarious applications of the natural biopolymer epsilon-poly-L-lysine. Process Biochemistry, 2014, 49, 496-505.	3.7	57
29	Tocopherol from seeds of Cucurbita pepo against diabetes: Validation by <i>in vivo</i> experiments supported by computational docking. Journal of the Formosan Medical Association, 2013, 112, 676-690.	1.7	52
30	Biotechnological production and practical application of L-asparaginase enzyme. Biotechnology and Genetic Engineering Reviews, 2017, 33, 40-61.	6.2	52
31	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
32	The stability of insulin in the presence of short alkyl chain imidazolium-based ionic liquids. RSC Advances, 2014, 4, 4487-4499.	3.6	48
33	Modeling and Optimization of Reactive Extraction of Citric Acid. Journal of Chemical & Engineering Data, 2016, 61, 2614-2623.	1.9	48
34	Syntheses of new substituted triazino tetrahydroisoquinolines and 2 -carbolines as novel antileishmanial agents. European Journal of Medicinal Chemistry, 2006, 41, 106-113.	5.5	47
35	Effect of polyols on the native structure of β -chymotrypsin: A comparable study. Thermochemica Acta, 2012, 536, 55-62.	2.7	47
36	Targeting oxidative stress through antioxidants in diabetes mellitus. Journal of Drug Targeting, 2018, 26, 766-776.	4.4	47

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37	Identification of potential inhibitors of <i>Fasciola gigantica</i> thioredoxin1: computational screening, molecular dynamics simulation, and binding free energy studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 2147-2162.	3.5	45
38	Video Endoscopic Inguinal Lymphadenectomy (VEIL) -a prospective critical perioperative assessment of feasibility and morbidity with points of technique in penile carcinoma. <i>World Journal of Surgical Oncology</i> , 2013, 11, 42.	1.9	43
39	A comparative study of myoglobin stability in the presence of Hofmeister anions of ionic liquids and ionic salts. <i>Process Biochemistry</i> , 2014, 49, 2158-2169.	3.7	41
40	Coumarins: antifungal effectiveness and future therapeutic scope. <i>Molecular Diversity</i> , 2020, 24, 1367-1383.	3.9	41
41	Antileishmanial activity mediated by apoptosis and structure-based target study of peganine hydrochloride dihydrate: an approach for rational drug design. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 998-1002.	3.0	40
42	Detection of type-2 diabetes using characteristics of toe photoplethysmogram by applying support vector machine. <i>Biocybernetics and Biomedical Engineering</i> , 2019, 39, 38-51.	5.9	40
43	Trehalose protects urea-induced unfolding of α -chymotrypsin. <i>International Journal of Biological Macromolecules</i> , 2010, 47, 540-545.	7.5	39
44	Endocrine disruptive synthetic estrogen (17 β -ethynylestradiol) removal from aqueous phase through batch and column sorption studies: Mechanistic and kinetic analysis. <i>Desalination</i> , 2011, 276, 66-74.	8.2	39
45	Gut biofilm forming bacteria in inflammatory bowel disease. <i>Microbial Pathogenesis</i> , 2017, 112, 5-14.	2.9	39
46	Evaluation of antileishmanial potential of <i>Tinospora sinensis</i> against experimental visceral leishmaniasis. <i>Parasitology Research</i> , 2008, 102, 561-565.	1.6	37
47	The biological stimuli for governing the phase transition temperature of the smart polymer PNIPAM in water. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 588-595.	5.0	37
48	Current trends in laparoscopic groin hernia repair: A review. <i>World Journal of Clinical Cases</i> , 2015, 3, 789.	0.8	37
49	Natural attenuation of endocrine-disrupting estrogens in an ecologically engineered treatment system (EETS) designed with floating, submerged and emergent macrophytes. <i>Ecological Engineering</i> , 2011, 37, 1555-1562.	3.6	36
50	Destruction of hydrogen bonds of poly(N-isopropylacrylamide) aqueous solution by trimethylamineN-oxide. <i>Journal of Chemical Physics</i> , 2012, 136, 234904.	3.0	35
51	Exploring the Behavior of Bovine Serum Albumin in Response to Changes in the Chemical Composition of Responsive Polymers: Experimental and Simulation Studies. <i>Polymers</i> , 2016, 8, 238.	4.5	35
52	Innovative aspects of protein stability in ionic liquid mixtures. <i>Biophysical Reviews</i> , 2018, 10, 841-846.	3.2	35
53	DNA vaccine against visceral leishmaniasis: a promising approach for prevention and control. <i>Parasite Immunology</i> , 2016, 38, 273-281.	1.5	34
54	The Overriding Roles of Concentration and Hydrophobic Effect on Structure and Stability of Heme Protein Induced by Imidazolium-Based Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2015, 119, 8357-8368.	2.6	33

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55	A spotlight on the diagnostic methods of a fatal disease Visceral Leishmaniasis. <i>Parasite Immunology</i> , 2020, 42, e12727.	1.5	33
56	The Solubility and Stability of Amino Acids in Biocompatible Ionic Liquids. <i>Protein and Peptide Letters</i> , 2013, 21, 15-24.	0.9	32
57	Therapeutic molecules against type 2 diabetes: What we have and what are we expecting?. <i>Pharmacological Reports</i> , 2017, 69, 959-970.	3.3	31
58	Analysis of the driving force that rule the stability of lysozyme in alkylammonium-based ionic liquids. <i>International Journal of Biological Macromolecules</i> , 2015, 81, 1074-1081.	7.5	30
59	In vitro screening and in silico validation revealed key microbes for higher production of significant therapeutic enzyme l-asparaginase. <i>Enzyme and Microbial Technology</i> , 2017, 98, 9-17.	3.2	29
60	Targeting type II diabetes with plant terpenes: the new and promising antidiabetic therapeutics. <i>Biologia (Poland)</i> , 2021, 76, 241-254.	1.5	29
61	Discovery of Novel Vaccine Candidates and Drug Targets Against Visceral Leishmaniasis Using Proteomics and Transcriptomics. <i>Current Drug Targets</i> , 2008, 9, 938-947.	2.1	27
62	Mechanism-based antidiabetic activity of Fructo- and isomalto-oligosaccharides: Validation by in vivo, in silico and in vitro interaction potential. <i>Process Biochemistry</i> , 2015, 50, 317-327.	3.7	27
63	Recent Advances and Future Direction in Lyophilisation and Desiccation of Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2016, 2016, 1-9.	2.5	27
64	Refolding effects of partially immiscible ammonium-based ionic liquids on the urea-induced unfolded lysozyme structure. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 12419-12422.	2.8	27
65	Interleukin-10: A Compelling Therapeutic Target in Patients With Irritable Bowel Syndrome. <i>Clinical Therapeutics</i> , 2017, 39, 632-643.	2.5	27
66	Influence of biocompatible ammonium ionic liquids on the solubility of l-alanine and l-valine in water. <i>Fluid Phase Equilibria</i> , 2012, 335, 39-45.	2.5	26
67	Strategic planning of proteins in ionic liquids: future solvents for the enhanced stability of proteins against multiple stresses. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 23269-23282.	2.8	26
68	Type 2 Diabetes Mellitus: The Concerned Complications and Target Organs. <i>Apollo Medicine</i> , 2014, 11, 161-166.	0.0	25
69	Electrical Energy Audit in Residential House. <i>Procedia Technology</i> , 2015, 21, 625-630.	1.1	25
70	Slow pace of antileishmanial drug development. <i>Parasitology Open</i> , 2018, 4, .	0.9	25
71	Quantitative evaluation of the ability of ionic liquids to offset the cold-induced unfolding of proteins. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 15806.	2.8	24
72	Dispersible hydrolytically sensitive nanoparticles for nasal delivery of thyrotropin releasing hormone (TRH). <i>Journal of Controlled Release</i> , 2019, 295, 278-289.	9.9	24

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73	Amplified fragment length polymorphism (AFLP) analysis is useful for distinguishing Leishmania species of visceral and cutaneous forms. <i>Acta Tropica</i> , 2010, 113, 202-206.	2.0	23
74	Proteomic analyses of membrane enriched proteins of Leishmania donovani Indian clinical isolate by mass spectrometry. <i>Parasitology International</i> , 2015, 64, 36-42.	1.3	23
75	Evaluation of antileishmanial potential of computationally screened compounds targeting DEAD-box RNA helicase of Leishmania donovani. <i>International Journal of Biological Macromolecules</i> , 2019, 121, 480-487.	7.5	23
76	The virtuous potential of chitosan oligosaccharide for promising biomedical applications. <i>Journal of Materials Research</i> , 2020, 35, 1123-1134.	2.6	23
77	Genetically modified live attenuated vaccine: A potential strategy to combat visceral leishmaniasis. <i>Parasite Immunology</i> , 2020, 42, e12732.	1.5	22
78	Identification of genetic markers in Sodium Antimony Gluconate (SAG) sensitive and resistant Indian clinical isolates of Leishmania donovani through amplified fragment length polymorphism (AFLP). <i>Acta Tropica</i> , 2009, 110, 80-85.	2.0	21
79	Deciphering the role of Sodium Lignosulfonate against Candida spp. as persuasive anticandidal agent. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 1212-1219.	7.5	21
80	DNA-based microarray studies in visceral leishmaniasis: identification of biomarkers for diagnostic, prognostic and drug target for treatment. <i>Acta Tropica</i> , 2020, 208, 105512.	2.0	21
81	Hydrolytic enzyme protease in sludge: Recovery and its application. <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 652-661.	2.6	20
82	Effect of Ethylene Oxide and Gamma (γ -) Sterilization on the Properties of a PLCL Polymer Material in Balloon Implants. <i>ACS Omega</i> , 2019, 4, 21319-21326.	3.5	20
83	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. <i>ACS Omega</i> , 2019, 4, 14640-14649.	3.5	19
84	Japanese encephalitis virus: Associated immune response and recent progress in vaccine development. <i>Microbial Pathogenesis</i> , 2019, 136, 103678.	2.9	19
85	Microarray based gene expression: a novel approach for identification and development of potential drug and effective vaccine against visceral Leishmaniasis.. <i>International Journal of Advances in Pharmaceutical Sciences</i> , 2010, 1, 1-14.	1.1	19
86	An improved method for high-level soluble expression and purification of recombinant amyloid-beta peptide for in vitro studies. <i>Protein Expression and Purification</i> , 2015, 114, 71-76.	1.3	18
87	Reactive extraction of pyruvic acid using mixed extractants. <i>Separation Science and Technology</i> , 2016, 51, 1141-1150.	2.5	18
88	Distribution of airborne microbes and antibiotic susceptibility pattern of bacteria during Gwalior trade fair, Central India. <i>Journal of the Formosan Medical Association</i> , 2015, 114, 639-646.	1.7	17
89	Synthesis, Anticancer Evaluation, and Molecular Docking Studies of Novel (4-Hydroxy-2-Thioxo-3,4-Dihydro-2 <i>H</i> [1,3]Thiazin-6-yl)-Chromen-2-Ones via a Multicomponent Approach. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 810-821.		
90	Mucosal and transdermal vaccine delivery strategies against COVID-19. <i>Drug Delivery and Translational Research</i> , 2022, 12, 968-972.	5.8	17

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91	Application of probiotics in candidiasis management. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 8249-8264.	10.3	17
92	Chitosan derivatives: A suggestive evaluation for novel inhibitor discovery against wild type and variants of SARS-CoV-2 virus. <i>International Journal of Biological Macromolecules</i> , 2021, 187, 492-512.	7.5	17
93	Proteomic approaches for discovery of new targets for vaccine and therapeutics against visceral leishmaniasis. <i>Proteomics - Clinical Applications</i> , 2008, 2, 372-386.	1.6	16
94	Characterization of the Proliferating Cell Nuclear Antigen of <i>Leishmania donovani</i> Clinical Isolates and Its Association with Antimony Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 2997-3007.	3.2	16
95	In vitro and in vivo degradation behavior and the long-term performance of biodegradable PLCL balloon implants. <i>International Journal of Pharmaceutics</i> , 2020, 574, 118870.	5.2	16
96	Identification of novel inhibitors of angiotensin-converting enzyme 2 (ACE-2) receptor from <i>Urtica dioica</i> to combat coronavirus disease 2019 (COVID-19). <i>Molecular Diversity</i> , 2021, 25, 1795-1809.	3.9	16
97	How Does a Smart Polymer Respond to Imidazolium-Based Ionic Liquids?. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 1400-1410.	6.7	15
98	Interruption of hydration state of thermoresponsive polymer, poly(N-isopropylacrylamide) in guanidinium hydrochloride. <i>Polymer</i> , 2013, 54, 791-797.	3.8	14
99	Long-term primary culture of neurons taken from chick embryo brain: A model to study neural cell biology, synaptogenesis and its dynamic properties. <i>Journal of Neuroscience Methods</i> , 2016, 263, 123-133.	2.5	14
100	Mesenchymal stem cell in venous leg ulcer: An intoxicating therapy. <i>Journal of Tissue Viability</i> , 2017, 26, 216-223.	2.0	14
101	L-Asparaginase: a feasible therapeutic molecule for multiple diseases. <i>3 Biotech</i> , 2018, 8, 278.	2.2	14
102	Rapid eye movement sleep deprivation impairs neuronal plasticity and reduces hippocampal neuronal arborization in male albino rats: Noradrenaline is involved in the process. <i>Journal of Neuroscience Research</i> , 2021, 99, 1815-1834.	2.9	14
103	Amplified fragment length polymorphism: an adept technique for genome mapping, genetic differentiation, and intraspecific variation in protozoan parasites. <i>Parasitology Research</i> , 2013, 112, 457-466.	1.6	13
104	Exploring the structure and stability of amino acids and glycine peptides in biocompatible ionic liquids. <i>RSC Advances</i> , 2016, 6, 18763-18777.	3.6	13
105	Squamous cell carcinoma of kidney co-existing with renal calculi: a rare tumour. <i>BMJ Case Reports</i> , 2011, 2011, bcr1020103388-bcr1020103388.	0.5	13
106	Polyacrylic acid polymer modulates the UCST-type phase behavior of ionic liquid and water. <i>RSC Advances</i> , 2012, 2, 6939.	3.6	12
107	<i>Hedychium coronarium</i> Rhizomes: Promising Antidiabetic and Natural Inhibitor of α -Amylase and α -Glucosidase. <i>Journal of Dietary Supplements</i> , 2020, 17, 81-87.	2.6	12
108	Age-influenced population kinetics and immunological responses of <i>Leishmania donovani</i> in hamsters. <i>Parasitology Research</i> , 2007, 101, 919-924.	1.6	11

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109	Mass spectrometry-based proteomic analysis of Leishmania donovani soluble proteins in Indian clinical isolate. <i>Pathogens and Disease</i> , 2014, 70, 84-87.	2.0	11
110	Immunostimulatory potential and proteome profiling of <i>Leishmania donovani</i> soluble exogenous antigens. <i>Parasite Immunology</i> , 2015, 37, 368-375.	1.5	11
111	Putative Drug and Vaccine Target Identification in <i>Leishmania donovani</i> Membrane Proteins Using Naïve Bayes Probabilistic Classifier. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2017, 14, 204-211.	3.0	11
112	Evaluation of biliary ductal anatomy in potential living liver donors: comparison between MRCP and Gd-EOB-DTPA-enhanced MRI. <i>Abdominal Radiology</i> , 2017, 42, 2428-2435.	2.1	11
113	Development and characterization of tripolymeric and bipolymeric composite films using glyoxal as a potent crosslinker for biomedical application. <i>Materials Science and Engineering C</i> , 2017, 73, 333-339.	7.3	11
114	Eucalyptol, sabinene and cinnamaldehyde: potent inhibitors of salmonella target protein l-asparaginase. <i>3 Biotech</i> , 2017, 7, 258.	2.2	11
115	Noninvasive Diagnostic Methods for Better Screening of Peripheral Arterial Disease. <i>Annals of Vascular Surgery</i> , 2018, 52, 263-272.	0.9	11
116	Significant biopolymers and their applications in buccal mediated drug delivery. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021, 32, 1203-1218.	3.5	10
117	Phytochemicals As Uropathogenic <i>Escherichia Coli</i> FimH Antagonist: In Vitro And In Silico Approach. <i>Current Molecular Medicine</i> , 2019, 18, 640-653.	1.3	10
118	Thermodynamic Contribution of Amino Acids in Ionic Liquids Towards Protein Stability. <i>Current Biochemical Engineering</i> , 2014, 1, 125-140.	1.3	9
119	Microbial Decolorization and Degradation of Reactive Red 198 Azo Dye by a Newly Isolated <i>Alkaligenes</i> Species. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2016, 86, 805-815.	1.0	9
120	Statistical optimization of elephant foot yam (<i>Amorphophallus paeoniifolius</i>) lacto-pickle for maximal yield of lactic acid. <i>LWT - Food Science and Technology</i> , 2018, 87, 342-350.	5.2	9
121	Targeted therapy of chronic liver diseases with the inhibitors of angiogenesis. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 256-266.	5.6	9
122	Antimicrobial potency evaluation of free and immobilized l-asparaginase using chitosan nanoparticles. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102231.	3.0	9
123	A Peptide Based Pro-Drug Ameliorates Amyloid- β Induced Neuronal Apoptosis in In Vitro SH-SY5Y Cells. <i>Current Alzheimer Research</i> , 2017, 14, 1293-1304.	1.4	9
124	A computational modeling for the detection of diabetic retinopathy severity. <i>Bioinformatics</i> , 2014, 10, 556-561.	0.5	9
125	Targeted therapy of irritable bowel syndrome with anti-inflammatory cytokines. <i>Clinical Journal of Gastroenterology</i> , 2022, 15, 1-10.	0.8	9
126	Laparoscopic cholecystectomy in situs inversus: points of technique. <i>BMJ Case Reports</i> , 2012, 2012, bcr2012006170-bcr2012006170.	0.5	8

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127	Anticoagulant-induced priapism progressing to penile gangrene: a devastating complication!. BMJ Case Reports, 2012, 2012, bcr2012007073-bcr2012007073.	0.5	8
128	Production and Recovery of Pyruvic Acid: Recent Advances. Journal of the Institution of Engineers (India): Series E, 2017, 98, 165-175.	0.9	8
129	Sludge: next paradigm for enzyme extraction and energy generation. Preparative Biochemistry and Biotechnology, 2019, 49, 105-116.	1.9	8
130	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
131	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
132	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
133	Antibiotic resistome of Salmonella typhi: molecular determinants for the emergence of drug resistance. Frontiers of Medicine, 2021, 15, 693-703.	3.4	8
134	Microbial pathogenesis in inflammatory bowel diseases. Microbial Pathogenesis, 2022, 163, 105383.	2.9	8
135	Interfacial tension and critical wetting phenomena of the binary liquid mixture cyclohexane-acetonitrile near the critical solution temperature. Journal of Solution Chemistry, 1987, 16, 691-697.	1.2	7
136	Effect of structural variations in cations of ionic liquids on the coexistence curve of isobutyric acid and water. New Journal of Chemistry, 2012, 36, 2266.	2.8	7
137	Primary amyloidoma of chest wall - a rare condition. BMJ Case Reports, 2012, 2012, bcr0120125552-bcr0120125552.	0.5	7
138	Urinary Bladder Paraganglioma – A Case Series with Proposed Treating Algorithm Based on Our Experience and Review of Literature. Indian Journal of Surgical Oncology, 2013, 4, 294-297.	0.7	7
139	C-terminal domain of CagX is responsible for its interaction with CagT protein of Helicobacter pylori type IV secretion system. Biochemical and Biophysical Research Communications, 2015, 456, 98-103.	2.1	7
140	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
141	Design of Divider Using Taylor Series in QCA. Energy Procedia, 2017, 117, 818-825.	1.8	7
142	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
143	Antioxidant potentials of successive solvent extracts from the unexplored Hedychium coronarium rhizome. Journal of Food Science and Technology, 2017, 54, 3297-3306.	2.8	7
144	Rough set method accurately predicts unknown protein class/family of Leishmania donovani membrane proteome. Mathematical Biosciences, 2018, 301, 37-49.	1.9	7

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145	Onâ€Water NiFe₂O₄ 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
146	Fabrication of eggshell membraneâ€based novel buccal mucosaâ€mimetic surface and mucoadhesion testing of chitosan oligosaccharide films. Journal of Materials Research, 2019, 34, 3777-3786.	2.6	7
147	Promising Antiviral Molecules from Ayurvedic Herbs and Spices against COVID-19. Chinese Journal of Integrative Medicine, 2021, 27, 243-244.	1.6	7
148	Review on industrial audit and energy saving recommendation in aluminium industry. , 2016, , .		7
149	Unsuspected pheochromocytoma of the urinary bladder: reminder of an important clinical lesson. BMJ Case Reports, 2012, 2012, bcr2012006377-bcr2012006377.	0.5	7
150	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
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