

Shafiul Haque

List of Publications by Year in descending order

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Version: 2024-02-01

206
papers

4,409
citations

159585

30
h-index

168389

53
g-index

210
all docs

210
docs citations

210
times ranked

6178
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategies for Fermentation Medium Optimization: An In-Depth Review. <i>Frontiers in Microbiology</i> , 2016, 7, 2087.	3.5	306
2	SARS-CoV-2, SARS-CoV, and MERS-COV: A comparative overview. <i>Infezioni in Medicina</i> , 2020, 28, 174-184.	1.1	298
3	Biological remediation technologies for dyes and heavy metals in wastewater treatment: New insight. <i>Bioresource Technology</i> , 2022, 343, 126154.	9.6	195
4	Oxidative Stress in Human Pathology and Aging: Molecular Mechanisms and Perspectives. <i>Cells</i> , 2022, 11, 552.	4.1	183
5	Strategies in the design of endosomolytic agents for facilitating endosomal escape in nanoparticles. <i>Biochimie</i> , 2019, 160, 61-75.	2.6	96
6	SARS-CoV-2/COVID-19 and advances in developing potential therapeutics and vaccines to counter this emerging pandemic. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2020, 19, 40.	3.8	93
7	Measuring routine childhood vaccination coverage in 204 countries and territories, 1980–2019: a systematic analysis for the Global Burden of Disease Study 2020, Release 1. <i>Lancet, The</i> , 2021, 398, 503-521.	13.7	93
8	Developments in strategies for Quorum Sensing virulence factor inhibition to combat bacterial drug resistance. <i>Microbial Pathogenesis</i> , 2018, 121, 293-302.	2.9	83
9	Quercetin modifies 5mCpG promoter methylation and reactivates various tumor suppressor genes by modulating epigenetic marks in human cervical cancer cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 18357-18369.	2.6	78
10	Ochratoxins in food and feed: Occurrence and its impact on human health and management strategies. <i>Toxicon</i> , 2020, 187, 151-162.	1.6	78
11	Quercetin modulates signaling pathways and induces apoptosis in cervical cancer cells. <i>Bioscience Reports</i> , 2019, 39, .	2.4	73
12	Integrated biohydrogen production via lignocellulosic waste: Opportunity, challenges & future prospects. <i>Bioresource Technology</i> , 2021, 338, 125511.	9.6	67
13	An insight into fusion technology aiding efficient recombinant protein production for functional proteomics. <i>Archives of Biochemistry and Biophysics</i> , 2016, 612, 57-77.	3.0	58
14	Global, regional, and national sex-specific burden and control of the HIV epidemic, 1990–2019, for 204 countries and territories: the Global Burden of Diseases Study 2019. <i>Lancet HIV</i> , the, 2021, 8, e633-e651.	4.7	56
15	Screening and Characterisation of Antimicrobial Properties of Semisynthetic Betulin Derivatives. <i>PLoS ONE</i> , 2014, 9, e102696.	2.5	55
16	Implication of Caspase-3 as a Common Therapeutic Target for Multineurodegenerative Disorders and Its Inhibition Using Nonpeptidyl Natural Compounds. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	53
17	Faculty development programs improve the quality of Multiple Choice Questions items' writing. <i>Scientific Reports</i> , 2015, 5, 9556.	3.3	51
18	Concomitant Production of Lipids and Carotenoids in <i>Rhodospiridium toruloides</i> under Osmotic Stress Using Response Surface Methodology. <i>Frontiers in Microbiology</i> , 2016, 7, 1686.	3.5	51

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19	Isolation, Screening, and Identification of Novel Isolates of Actinomycetes from India for Antimicrobial Applications. <i>Frontiers in Microbiology</i> , 2016, 7, 1921.	3.5	51
20	Aloe vera Inhibits Proliferation of Human Breast and Cervical Cancer Cells and Acts Synergistically with Cisplatin. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 2939-2946.	1.2	50
21	Vismodegib, itraconazole and sonidegib as hedgehog pathway inhibitors and their relative competencies in the treatment of basal cell carcinomas. <i>Critical Reviews in Oncology/Hematology</i> , 2016, 98, 235-241.	4.4	46
22	Prevalence of stress in junior doctors during their internship training: a cross-sectional study of three Saudi medical colleges’ hospitals. <i>Neuropsychiatric Disease and Treatment</i> , 2014, 10, 1879.	2.2	44
23	Overview of hepatitis C infection, molecular biology, and new treatment. <i>Journal of Infection and Public Health</i> , 2020, 13, 773-783.	4.1	44
24	Identification and Design of Antimicrobial Peptides for Therapeutic Applications. <i>Current Protein and Peptide Science</i> , 2012, 13, 211-223.	1.4	43
25	Quorum sensing pathways in Gram-positive and -negative bacteria: potential of their interruption in abating drug resistance. <i>Journal of Chemotherapy</i> , 2019, 31, 161-187.	1.5	39
26	Recent developments and obstacles in the treatment of melanoma with BRAF and MEK inhibitors. <i>Critical Reviews in Oncology/Hematology</i> , 2018, 125, 84-88.	4.4	38
27	Paradigm Shift in Antimicrobial Resistance Pattern of Bacterial Isolates during the COVID-19 Pandemic. <i>Antibiotics</i> , 2021, 10, 954.	3.7	35
28	Recent advances in vaccine and immunotherapy for COVID-19. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 3011-3022.	3.3	34
29	Dietary isothiocyanates inhibit cancer progression by modulation of epigenome. <i>Seminars in Cancer Biology</i> , 2022, 83, 353-376.	9.6	34
30	Luteolin inhibits proliferation, triggers apoptosis and modulates Akt/mTOR and MAP kinase pathways in HeLa cells. <i>Oncology Letters</i> , 2021, 21, 192.	1.8	33
31	Effectiveness of longitudinal faculty development programs on MCQs items writing skills: A follow-up study. <i>PLoS ONE</i> , 2017, 12, e0185895.	2.5	32
32	RSMâGA Based Optimization of Bacterial PHA Production and In Silico Modulation of Citrate Synthase for Enhancing PHA Production. <i>Biomolecules</i> , 2019, 9, 872.	4.0	31
33	Egypt's COVID-19 Recent Happenings and Perspectives: A Mini-Review. <i>Frontiers in Public Health</i> , 2021, 9, 696082.	2.7	31
34	TNF- \pm 308 GâA (rs1800629) Polymorphism is Associated with Celiac Disease: A Meta-analysis of 11 Case-Control Studies. <i>Scientific Reports</i> , 2016, 6, 32677.	3.3	30
35	Interleukin-6-174GâC (rs1800795) polymorphism distribution and its association with rheumatoid arthritis: A case-control study and meta-analysis. <i>Autoimmunity</i> , 2017, 50, 158-169.	2.6	30
36	Genistein Modulates Signaling Pathways and Targets Several Epigenetic Markers in HeLa Cells. <i>Genes</i> , 2019, 10, 955.	2.4	29

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37	Therapeutic role of lipases and lipase inhibitors derived from natural resources for remedies against metabolic disorders and lifestyle diseases. South African Journal of Botany, 2019, 120, 25-32.	2.5	28
38	A Meta-analysis of MBL2 Polymorphisms and Tuberculosis Risk. Scientific Reports, 2016, 6, 35728.	3.3	27
39	Response Surface Methodology-Genetic Algorithm Based Medium Optimization, Purification, and Characterization of Cholesterol Oxidase from Streptomyces rimosus. Scientific Reports, 2018, 8, 10913.	3.3	27
40	Meta-analysis reveals <i>PTPN22</i> 1858C/T polymorphism confers susceptibility to rheumatoid arthritis in Caucasian but not in Asian population. Autoimmunity, 2016, 49, 197-210.	2.6	26
41	Aminoglycosides as potential inhibitors of SARS-CoV-2 main protease: an in silico drug repurposing study on FDA-approved antiviral and anti-infection agents. Journal of Infection and Public Health, 2021, 14, 611-619.	4.1	25
42	Isolation, characterization and antifungal docking studies of wortmannin isolated from Penicillium radicum. Scientific Reports, 2015, 5, 11948.	3.3	24
43	Technological advances for improving fungal cellulase production from fruit wastes for bioenergy application: A review. Environmental Pollution, 2021, 287, 117370.	7.5	24
44	Lead removal from synthetic wastewater by biosorbents prepared from seeds of Artocarpus Heterophyllus and Syzygium Cumini. Chemosphere, 2022, 287, 132016.	8.2	24
45	Functional microbiome strategies for the bioremediation of petroleum-hydrocarbon and heavy metal contaminated soils: A review. Science of the Total Environment, 2022, 833, 155222.	8.0	24
46	Implication of Industrial Waste for Biomass and Lipid Production in Chlorella minutissima Under Autotrophic, Heterotrophic, and Mixotrophic Grown Conditions. Applied Biochemistry and Biotechnology, 2015, 176, 1581-1595.	2.9	23
47	Phenotypic and functional profile of Th17 and Treg cells in allergic fungal sinusitis. International Immunopharmacology, 2018, 57, 55-61.	3.8	23
48	Pharmacogenetic association between <i>NAT2</i> gene polymorphisms and isoniazid induced hepatotoxicity: trial sequence meta-analysis as evidence. Bioscience Reports, 2019, 39, .	2.4	23
49	MERS-CoV: epidemiology, molecular dynamics, therapeutics, and future challenges. Annals of Clinical Microbiology and Antimicrobials, 2021, 20, 8.	3.8	22
50	Transgenic Tobacco Plant Expressing Environmental E. coli merA Gene for Enhanced Volatilization of Ionic Mercury. Journal of Microbiology and Biotechnology, 2010, 20, 917-924.	2.1	22
51	A Serotonin Transporter Gene (SLC6A4) Polymorphism Is Associated with Reduced Risk of Irritable Bowel Syndrome in American and Asian Population: A Meta-Analysis. PLoS ONE, 2013, 8, e75567.	2.5	21
52	Artificial Intelligence versus Statistical Modeling and Optimization of Cholesterol Oxidase Production by using Streptomyces Sp.. PLoS ONE, 2015, 10, e0137268.	2.5	21
53	Enhanced extraction of 3- <i>demethylated colchicine</i> from fermentation broth of <i>Bacillus megaterium</i>: Optimization of process parameters by statistical experimental design. Engineering in Life Sciences, 2011, 11, 598-606.	3.6	20
54	Cytomegalovirus aggravates the autoimmune phenomenon in systemic autoimmune diseases. Microbial Pathogenesis, 2018, 120, 132-139.	2.9	20

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55	The rise of pneumonic plague in Madagascar: current plague outbreak breaks usual seasonal mould. <i>Journal of Medical Microbiology</i> , 2019, 68, 292-302.	1.8	20
56	Melanin pigment of <i>Streptomyces puniceus</i> RHP9 exhibits antibacterial, antioxidant and anticancer activities. <i>PLoS ONE</i> , 2022, 17, e0266676.	2.5	20
57	CD14 \sim 159 C>T Gene Polymorphism with Increased Risk of Tuberculosis: Evidence from a Meta-Analysis. <i>PLoS ONE</i> , 2013, 8, e64747.	2.5	19
58	Enzymatic degradation of bacterial biofilms using <i>Aspergillus clavatus</i> MTCC 1323. <i>Microbiology</i> , 2015, 84, 59-64.	1.2	19
59	Serum Cytokine Profile in Patients with Chronic Rhinosinusitis with Nasal Polyposis Infected by <i>Aspergillus flavus</i> . <i>Annals of Laboratory Medicine</i> , 2018, 38, 125-131.	2.5	19
60	Fisetin Deters Cell Proliferation, Induces Apoptosis, Alleviates Oxidative Stress and Inflammation in Human Cancer Cells, HeLa. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1707.	4.1	19
61	Inhibition of C298S mutant of human aldose reductase for antidiabetic applications: Evidence from in silico elementary mode analysis of biological network model. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 6961-6973.	2.6	18
62	In silico identification of molecular mimics involved in the pathogenesis of <i>Clostridium botulinum</i> ATCC 3502 strain. <i>Microbial Pathogenesis</i> , 2018, 121, 238-244.	2.9	18
63	Self-reported cheating among medical students: An alarming finding in a cross-sectional study from Saudi Arabia. <i>PLoS ONE</i> , 2018, 13, e0194963.	2.5	18
64	Comparative assessment of the therapeutic drug targets of <i>C. botulinum</i> ATCC 3502 and <i>C. difficile</i> str. 630 using in silico subtractive proteomics approach. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 16160-16184.	2.6	18
65	Identifying novel inhibitor of quorum sensing transcriptional regulator (SdiA) of <i>Klebsiella pneumoniae</i> through modelling, docking and molecular dynamics simulation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 3594-3604.	3.5	18
66	Role of epigenetics in carcinogenesis: Recent advancements in anticancer therapy. <i>Seminars in Cancer Biology</i> , 2022, 83, 441-451.	9.6	18
67	Biohydrogen production via integrated sequential fermentation using magnetite nanoparticles treated crude enzyme to hydrolyze sugarcane bagasse. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 30861-30871.	7.1	18
68	Phytochemicals from Indian Ethnomedicines: Promising Prospects for the Management of Oxidative Stress and Cancer. <i>Antioxidants</i> , 2021, 10, 1606.	5.1	17
69	CDK1 and HSP90AA1 Appear as the Novel Regulatory Genes in Non-Small Cell Lung Cancer: A Bioinformatics Approach. <i>Journal of Personalized Medicine</i> , 2022, 12, 393.	2.5	17
70	Construction of recombinant <i>Escherichia coli</i> for enhanced bioconversion of colchicine into 3-demethylated colchicine at 70l bioreactor level. <i>Process Biochemistry</i> , 2010, 45, 1036-1042.	3.7	16
71	Knowledge of basic life support among the students of Jazan University, Saudi Arabia: Is it adequate to save a life?. <i>Alexandria Journal of Medicine</i> , 2018, 54, 555-559.	0.6	16
72	Topological and system-level protein interaction network (PIN) analyses to deduce molecular mechanism of curcumin. <i>Scientific Reports</i> , 2020, 10, 12045.	3.3	16

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73	Thermo-chemical potential of solid waste seed biomass obtained from plant Phoenix dactylifera and Aegle marmelos L. Fruit core cell. Bioresource Technology, 2022, 345, 126441.	9.6	16
74	Titanium dioxide nanoparticles provide protection against polycyclic aromatic hydrocarbon BaP and chrysenes-induced perturbation of DNA repair machinery: A computational biology approach. Biotechnology and Applied Biochemistry, 2016, 63, 497-513.	3.1	15
75	Aspartate- α -ketoglutarate semialdehyde dehydrogenase as a potential therapeutic target of <i>Mycobacterium tuberculosis</i> H37Rv: Evidence from in silico elementary mode analysis of biological network model. Journal of Cellular Biochemistry, 2018, 119, 2832-2842.	2.6	15
76	Genomic Epidemiology and Recent Update on Nucleic Acid-Based Diagnostics for COVID-19. Current Tropical Medicine Reports, 2020, 7, 113-119.	3.7	15
77	Developmental lead (Pb)-induced deficits in redox and bioenergetic status of cerebellar synapses are ameliorated by ascorbate supplementation. Toxicology, 2020, 440, 152492.	4.2	15
78	G894T and 4a/b Polymorphisms of NOS3 Gene are Not Associated with Cancer Risk: a Meta-analysis. Asian Pacific Journal of Cancer Prevention, 2015, 16, 2929-2937.	1.2	15
79	A sensitive WST-8-based bioassay for PEGylated granulocyte colony stimulating factor using the NFS-60 cell line. Pharmaceutical Biology, 2015, 53, 849-854.	2.9	14
80	Clinical psychomotor skills among left and right handed medical students: are the left-handed medical students left out?. BMC Medical Education, 2016, 16, 97.	2.4	14
81	Isolation and purification of antibacterial compound from Streptomyces levis collected from soil sample of north India. PLoS ONE, 2018, 13, e0200500.	2.5	14
82	Bioengineered intravaginal isolate of Lactobacillus plantarum expresses algal lectin scytovirin demonstrating anti-HIV-1 activity. Microbial Pathogenesis, 2018, 122, 1-6.	2.9	14
83	Epigallocatechin gallate inhibits HeLa cells by modulation of epigenetics and signaling pathways. 3 Biotech, 2020, 10, 484.	2.2	14
84	Production of Biodegradable Polymer from Agro-Wastes in Alcaligenes sp. and Pseudomonas sp.. Molecules, 2021, 26, 2443.	3.8	14
85	Oxidative-Stress-Induced Cellular Toxicity and Glycooxidation of Biomolecules by Cosmetic Products under Sunlight Exposure. Antioxidants, 2021, 10, 1008.	5.1	14
86	Drug Resistance Mechanism of M46I-Mutation-Induced Saquinavir Resistance in HIV-1 Protease Using Molecular Dynamics Simulation and Binding Energy Calculation. Viruses, 2022, 14, 697.	3.3	14
87	Sustainable production of algae-bacteria granular consortia based biological hydrogen: New insights. Bioresource Technology, 2022, 352, 127036.	9.6	14
88	Superantigen influence in conjunction with cytokine polymorphism potentiates autoimmunity in systemic lupus erythematosus patients. Immunologic Research, 2016, 64, 1001-1012.	2.9	13
89	MIF -173 G>C (rs755622) Gene Polymorphism Modulates Tuberculosis Risk: Evidence from a Meta-analysis and Trial Sequential Analysis. Scientific Reports, 2017, 7, 17003.	3.3	13
90	Typical and atypical enteropathogenic Escherichia coli in children with acute diarrhoea: Changing trend in East Delhi. Biomedical Journal, 2021, 44, 471-478.	3.1	13

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91	Microbial dysbiosis and epigenetics modulation in cancer development – A chemopreventive approach. <i>Seminars in Cancer Biology</i> , 2022, 86, 666-681.	9.6	13
92	An Insight into Probiotics Bio-Route: Translocation from the Mother's Gut to the Mammary Gland. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7247.	2.5	13
93	Cryptotolerance strategies of Pseudomonads isolated from the rhizosphere of Himalayan plants. <i>SpringerPlus</i> , 2013, 2, 667.	1.2	12
94	Fast and efficient detection of tuberculosis antigens using liposome encapsulated secretory proteins of <i>Mycobacterium tuberculosis</i> . <i>Journal of Microbiology, Immunology and Infection</i> , 2017, 50, 189-198.	3.1	12
95	In silico identification of immunodominant B-cell and T-cell epitopes of non-structural proteins of Usutu Virus. <i>Microbial Pathogenesis</i> , 2018, 125, 129-143.	2.9	12
96	A critical review of obstetric and gynecological physical examination videos available on YouTube. <i>Medicine (United States)</i> , 2019, 98, e16459.	1.0	12
97	Simple, reliable, and time-efficient colorimetric method for the assessment of mitochondrial function and toxicity. <i>Bosnian Journal of Basic Medical Sciences</i> , 2018, 18, 367-374.	1.0	12
98	Silybin B and Cianidanol Inhibit Mpro and Spike Protein of SARS-CoV-2: Evidence from in silico Molecular Docking Studies. <i>Current Pharmaceutical Design</i> , 2021, 27, 3476-3489.	1.9	12
99	<i>In Silico</i> Studies Reveal Antiviral Effects of Traditional Indian Spices on COVID-19. <i>Current Pharmaceutical Design</i> , 2021, 27, 3462-3475.	1.9	12
100	The Interplay of the Unfolded Protein Response in Neurodegenerative Diseases: A Therapeutic Role of Curcumin. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 767493.	3.4	12
101	Gut microbiome interactions with graphene based nanomaterials: Challenges and opportunities. <i>Science of the Total Environment</i> , 2022, 830, 154789.	8.0	12
102	Association of P2X7 A1513C (rs3751143) Gene Polymorphism with Risk of Tuberculosis: Evidence from a Meta-Analysis. <i>Genetic Testing and Molecular Biomarkers</i> , 2013, 17, 662-668.	0.7	11
103	Evaluating the association between taqi variant of vitamin D receptor gene and susceptibility to tuberculosis: A meta-analysis. <i>Toxicology International</i> , 2014, 21, 140.	0.1	11
104	Prevalence of drug resistance in clinical isolates of tuberculosis from GCC: a literature review from January 2002 to March 2013. <i>Journal of Infection in Developing Countries</i> , 2014, 8, 1137-1147.	1.2	11
105	Students' perception and experience of intimate area examination and sexual history taking during undergraduate clinical skills training. <i>Medicine (United States)</i> , 2016, 95, e4400.	1.0	11
106	Modeling and optimization of a continuous bead milling process for bacterial cell lysis using response surface methodology. <i>RSC Advances</i> , 2016, 6, 16348-16357.	3.6	11
107	Association of MBL2 gene polymorphisms with pulmonary tuberculosis susceptibility: trial sequence meta-analysis as evidence. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 185-210.	2.7	11
108	Preparation and Evaluation of the ZnO NP's Ampicillin/Sulbactam Nanoantibiotic: Optimization of Formulation Variables Using RSM Coupled GA Method and Antibacterial Activities. <i>Biomolecules</i> , 2019, 9, 764.	4.0	11

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109	Emerging biomarkers and clinical significance of HPV genotyping in prevention and management of cervical cancer. <i>Microbial Pathogenesis</i> , 2020, 143, 104131.	2.9	11
110	Optimum Additive Composition to Minimize Fat in Functional Goat Meat Nuggets: A Healthy Red Meat Functional Food. <i>Processes</i> , 2021, 9, 475.	2.8	11
111	Nanoparticles combined with cefixime as an effective synergistic strategy against <i>Salmonella enterica typhi</i> . <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 4164-4172.	3.8	11
112	An Integrative Network Approach to Identify Common Genes for the Therapeutics in Tuberculosis and Its Overlapping Non-Communicable Diseases. <i>Frontiers in Pharmacology</i> , 2021, 12, 770762.	3.5	11
113	Network Theoretical Approach to Explore Factors Affecting Signal Propagation and Stability in Dementia's Protein-Protein Interaction Network. <i>Biomolecules</i> , 2022, 12, 451.	4.0	11
114	Enhanced bioconversion of colchicine to regiospecific 3-demethylated colchicine (3-DMC) by whole cell immobilization of recombinant <i>E. coli</i> harboring P450 BM-3 gene. <i>Process Biochemistry</i> , 2013, 48, 1151-1158.	3.7	10
115	Therapeutic potential and critical analysis of trastuzumab and bevacizumab in combination with different chemotherapeutic agents against metastatic breast/colorectal cancer affecting various endpoints. <i>Critical Reviews in Oncology/Hematology</i> , 2016, 104, 124-130.	4.4	10
116	A Genetic Association Study of CCL5 -28 C>G (rs2280788) Polymorphism with Risk of Tuberculosis: A Meta-Analysis. <i>PLoS ONE</i> , 2013, 8, e83422.	2.5	10
117	Identification of Potential Key Genes in Prostate Cancer with Gene Expression, Pivotal Pathways and Regulatory Networks Analysis Using Integrated Bioinformatics Methods. <i>Genes</i> , 2022, 13, 655.	2.4	10
118	Luteolin Causes 5mCpG Demethylation of the Promoters of TSGs and Modulates the Aberrant Histone Modifications, Restoring the Expression of TSGs in Human Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4067.	4.1	10
119	Sustainable green approach to synthesize Fe ₃ O ₄ /Fe ₂ O ₃ nanocomposite using waste pulp of <i>Syzygium cumini</i> and its application in functional stability of microbial cellulases. <i>Scientific Reports</i> , 2021, 11, 24371.	3.3	10
120	Prospects of soil microbiome application for lignocellulosic biomass degradation: An overview. <i>Science of the Total Environment</i> , 2022, 838, 155966.	8.0	10
121	Association of mutation and hypermethylation of p21 gene with susceptibility to breast cancer: a study from north India. <i>Molecular Biology Reports</i> , 2014, 41, 2999-3007.	2.3	9
122	Artificial Intelligence vs. Statistical Modeling and Optimization of Continuous Bead Milling Process for Bacterial Cell Lysis. <i>Frontiers in Microbiology</i> , 2016, 7, 1852.	3.5	9
123	A reappraised meta-analysis of the genetic association between vitamin D receptor (rs1544410) polymorphism and pulmonary tuberculosis risk. <i>Bioscience Reports</i> , 2017, 37, .	2.4	9
124	FCεR1 gene polymorphism shows association with high IgE and anti-FCεR1 in Chronic Rhinosinusitis with Nasal Polyposis. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 4142-4149.	2.6	9
125	Targeting Caspase 8: Using Structural and Ligand-Based Approaches to Identify Potential Leads for the Treatment of Multi-Neurodegenerative Diseases. <i>Molecules</i> , 2019, 24, 1827.	3.8	9
126	Niacin deficiency modulates genes involved in cancer: Are smokers at higher risk?. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 232-242.	2.6	9

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127	Lichens as a repository of bioactive compounds: an open window for green therapy against diverse cancers. <i>Seminars in Cancer Biology</i> , 2022, 86, 1120-1137.	9.6	9
128	No Association of the TGF- β 1 29T/C Polymorphism with Breast Cancer Risk in Caucasian and Asian Populations: Evidence from a Meta-Analysis Involving 55, 841 Subjects. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 8725-8734.	1.2	9
129	Targeting Akt/NF- κ B/p53 Pathway and Apoptosis Inducing Potential of 1,2-Benzenedicarboxylic Acid, Bis (2-Methyl Propyl) Ester Isolated from <i>Onosma bracteata</i> Wall. against Human Osteosarcoma (MG-63) Cells. <i>Molecules</i> , 2022, 27, 3478.	3.8	9
130	Evaluating the Association between p53 Codon 72 Arg>Pro Polymorphism and Risk of Ovary Cancer: A Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e94874.	2.5	8
131	A Modified Lumry- \ddot{E} yring Analysis for the Determination of the Predominant Mechanism Underlying the Diminution of Protein Aggregation by Glycerol. <i>Cell Biochemistry and Biophysics</i> , 2014, 68, 133-142.	1.8	8
132	Pembrolizumab- \ddot{E} m's non-cross resistance mechanism of action successfully overthrown ipilimumab. <i>Critical Reviews in Oncology/Hematology</i> , 2017, 111, 1-6.	4.4	8
133	Angiotensin-Converting Enzyme Gene I/D Polymorphism Is Associated With Systemic Lupus Erythematosus Susceptibility: An Updated Meta-Analysis and Trial Sequential Analysis. <i>Frontiers in Physiology</i> , 2018, 9, 1793.	2.8	8
134	Changing paradigm of antibiotic resistance amongst <i>Escherichia coli</i> isolates in Indian pediatric population. <i>PLoS ONE</i> , 2019, 14, e0213850.	2.5	8
135	Unravelling the interaction of glipizide with human serum albumin using various spectroscopic techniques and molecular dynamics studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 336-347.	3.5	8
136	Binding Pattern Elucidation of NNK and NNAL Cigarette Smoke Carcinogens with NER Pathway Enzymes: an Onco-Informatics Study. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 5311-5317.	1.2	8
137	In silico CD4+, CD8+ T-cell and B-cell immunity associated immunogenic epitope prediction and HLA distribution analysis of Zika virus. <i>EXCLI Journal</i> , 2017, 16, 63-72.	0.7	8
138	Impact of TNF -308 G>A (rs1800629) gene polymorphism in modulation of leprosy risk: a reappraise meta-analysis of 14 case- \ddot{E} control studies. <i>Bioscience Reports</i> , 2017, 37, .	2.4	7
139	Investigation of Precise Molecular Mechanistic Action of Tobacco-Associated Carcinogen 'NNK' Induced Carcinogenesis: A System Biology Approach. <i>Genes</i> , 2019, 10, 564.	2.4	7
140	Biotransformation of newly synthesized coumarin derivatives by <i>Candida albicans</i> as potential antibacterial, antioxidant and cytotoxic agents. <i>Process Biochemistry</i> , 2019, 87, 138-144.	3.7	7
141	Isolation, Purification, and Characterization of Heparinase from <i>Streptomyces variabilis</i> MTCC 12266. <i>Scientific Reports</i> , 2019, 9, 6482.	3.3	7
142	A trial sequential meta-analysis of TNF- α -308G>A (rs800629) gene polymorphism and susceptibility to colorectal cancer. <i>Bioscience Reports</i> , 2019, 39, .	2.4	7
143	Association of Inflammatory Bowel Disease with Arthritis: Evidence from In Silico Gene Expression Patterns and Network Topological Analysis. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2019, 11, 387-396.	3.6	7
144	Identification of new BACE1 inhibitors for treating Alzheimer- \ddot{E} m's disease. <i>Journal of Molecular Modeling</i> , 2021, 27, 58.	1.8	7

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