

Niraj Kumar Jha

List of Publications by Year in descending order

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Version: 2024-02-01

164
papers

3,914
citations

147801

31
h-index

197818

49
g-index

170
all docs

170
docs citations

170
times ranked

3428
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative Stress in Cancer Cell Metabolism. <i>Antioxidants</i> , 2021, 10, 642.	5.1	231
2	Wastewater Treatment and Reuse: a Review of its Applications and Health Implications. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	126
3	p38 MAPK and PI3K/AKT Signalling Cascades in Parkinson's Disease. <i>International Journal of Molecular and Cellular Medicine</i> , 2015, 4, 67-86.	1.1	117
4	Nuclear factor-kappa B and its role in inflammatory lung disease. <i>Chemico-Biological Interactions</i> , 2021, 345, 109568.	4.0	110
5	Nuclear factor-kappa B as a therapeutic target for Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2019, 150, 113-137.	3.9	105
6	Evidence of Coronavirus (CoV) Pathogenesis and Emerging Pathogen SARS-CoV-2 in the Nervous System: A Review on Neurological Impairments and Manifestations. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 2192-2209.	2.3	89
7	Interplay of gut microbiota and oxidative stress: Perspective on neurodegeneration and neuroprotection. <i>Journal of Advanced Research</i> , 2022, 38, 223-244.	9.5	86
8	Biomedical applications of metallic nanoparticles in cancer: Current status and future perspectives. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 112951.	5.6	85
9	Linking mitochondrial dysfunction, metabolic syndrome and stress signaling in Neurodegeneration. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 1132-1146.	3.8	76
10	Microfluidic chips: recent advances, critical strategies in design, applications and future perspectives. <i>Microfluidics and Nanofluidics</i> , 2021, 25, 99.	2.2	73
11	Current-status and applications of polysaccharides in drug delivery systems. <i>Colloids and Interface Science Communications</i> , 2021, 42, 100418.	4.1	66
12	Impact of Insulin Degrading Enzyme and Neprilysin in Alzheimer's Disease Biology: Characterization of Putative Cognates for Therapeutic Applications. <i>Journal of Alzheimer's Disease</i> , 2015, 48, 891-917.	2.6	64
13	Ion Channels in Neurological Disorders. <i>Advances in Protein Chemistry and Structural Biology</i> , 2016, 103, 97-136.	2.3	62
14	Rutin loaded liquid crystalline nanoparticles inhibit non-small cell lung cancer proliferation and migration in vitro. <i>Life Sciences</i> , 2021, 276, 119436.	4.3	58
15	Discovering multifaceted role of vanillic acid beyond flavours: Nutraceutical and therapeutic potential. <i>Trends in Food Science and Technology</i> , 2022, 122, 187-200.	15.1	56
16	A Deeper into the Epithelial-To-Mesenchymal Transition (EMT) Program in Breast Cancer. <i>Genes</i> , 2019, 10, 961.	2.4	51
17	An overview of vaccine development for COVID-19. <i>Therapeutic Delivery</i> , 2021, 12, 235-244.	2.2	51
18	Neuroprotective Potential of Limonene and Limonene Containing Natural Products. <i>Molecules</i> , 2021, 26, 4535.	3.8	50

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19	Antioxidants in Alzheimer's Disease: Current Therapeutic Significance and Future Prospects. <i>Biology</i> , 2022, 11, 212.	2.8	48
20	Perspectives and advancements in the design of nanomaterials for targeted cancer theranostics. <i>Chemico-Biological Interactions</i> , 2020, 329, 109221.	4.0	46
21	Tau Phosphorylation, Molecular Chaperones, and Ubiquitin E3 Ligase: Clinical Relevance in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 341-361.	2.6	45
22	Mechanistic role of HPV-associated early proteins in cervical cancer: Molecular pathways and targeted therapeutic strategies. <i>Critical Reviews in Oncology/Hematology</i> , 2022, 174, 103675.	4.4	44
23	Autophagy and EMT in cancer and metastasis: Who controls whom?. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166431.	3.8	43
24	Molecular mechanism(s) of regulation(s) of c-MET/HGF signaling in head and neck cancer. <i>Molecular Cancer</i> , 2022, 21, 31.	19.2	42
25	Hypoxia-Induced Signaling Activation in Neurodegenerative Diseases: Targets for New Therapeutic Strategies. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 15-38.	2.6	41
26	Current Trends and Future Prospects of Nanotechnology in Biofuel Production. <i>Catalysts</i> , 2021, 11, 1308.	3.5	41
27	Recent advances in developing polymeric micelles for treating cancer: Breakthroughs and bottlenecks in their clinical translation. <i>Drug Discovery Today</i> , 2022, 27, 1495-1512.	6.4	41
28	Carvacrol, a Plant Metabolite Targeting Viral Protease (Mpro) and ACE2 in Host Cells Can Be a Possible Candidate for COVID-19. <i>Frontiers in Plant Science</i> , 2020, 11, 601335.	3.6	40
29	Berberine-loaded liquid crystalline nanoparticles inhibit non-small cell lung cancer proliferation and migration in vitro. <i>Environmental Science and Pollution Research</i> , 2022, 29, 46830-46847.	5.3	40
30	Anti-Cancerous Effect of Rutin Against HPV-C33A Cervical Cancer Cells via G0/G1 Cell Cycle Arrest and Apoptotic Induction. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020, 20, 409-418.	1.2	39
31	Î±-Bisabolol, a Dietary Bioactive Phytochemical Attenuates Dopaminergic Neurodegeneration through Modulation of Oxidative Stress, Neuroinflammation and Apoptosis in Rotenone-Induced Rat Model of Parkinson's Disease. <i>Biomolecules</i> , 2020, 10, 1421.	4.0	37
32	CRISPR/Cas9 gene editing: New hope for Alzheimer's disease therapeutics. <i>Journal of Advanced Research</i> , 2022, 40, 207-221.	9.5	37
33	Anticancer Applications and Pharmacological Properties of Piperidine and Piperine: A Comprehensive Review on Molecular Mechanisms and Therapeutic Perspectives. <i>Frontiers in Pharmacology</i> , 2021, 12, 772418.	3.5	37
34	A focused review on CB2 receptor-selective pharmacological properties and therapeutic potential of Î²-caryophyllene, a dietary cannabinoid. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111639.	5.6	35
35	miRNAs in SARS-CoV 2: A Spoke in the Wheel of Pathogenesis. <i>Current Pharmaceutical Design</i> , 2021, 27, 1628-1641.	1.9	33
36	Recent updates on animal models for understanding the etiopathogenesis of polycystic ovarian syndrome. <i>Life Sciences</i> , 2021, 280, 119753.	4.3	33

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37	Extracellular Vesicle-Based Therapy for COVID-19: Promises, Challenges and Future Prospects. <i>Biomedicines</i> , 2021, 9, 1373.	3.2	33
38	Re-expression of cell cycle markers in aged neurons and muscles: Whether cells should divide or die?. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 324-336.	3.8	31
39	Inhalation delivery of repurposed drugs for lung cancer: Approaches, benefits and challenges. <i>Journal of Controlled Release</i> , 2022, 341, 1-15.	9.9	31
40	Î²-Caryophyllene, A Natural Dietary CB2 Receptor Selective Cannabinoid can be a Candidate to Target the Trinity of Infection, Immunity, and Inflammation in COVID-19. <i>Frontiers in Pharmacology</i> , 2021, 12, 590201.	3.5	30
41	Health Benefits, Pharmacological Effects, Molecular Mechanisms, and Therapeutic Potential of Î±-Bisabolol. <i>Nutrients</i> , 2022, 14, 1370.	4.1	30
42	Fostering mesenchymal stem cell therapy to halt cytokine storm in COVID-19. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166014.	3.8	29
43	Multiple roles for basement membrane proteins in cancer progression and EMT. <i>European Journal of Cell Biology</i> , 2022, 101, 151220.	3.6	29
44	Comparative study of anti-angiogenic activities of luteolin, lectin and lupeol biomolecules. <i>Journal of Translational Medicine</i> , 2015, 13, 307.	4.4	28
45	Environmental Factors-Induced Oxidative Stress: Hormonal and Molecular Pathway Disruptions in Hypogonadism and Erectile Dysfunction. <i>Antioxidants</i> , 2021, 10, 837.	5.1	28
46	Scavenging Properties of Plant-Derived Natural Biomolecule Para-Coumaric Acid in the Prevention of Oxidative Stress-Induced Diseases. <i>Antioxidants</i> , 2021, 10, 1205.	5.1	27
47	Betelvine (<i>Piper betle</i> L.): A comprehensive insight into its ethnopharmacology, phytochemistry, and pharmacological, biomedical and therapeutic attributes. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 3083-3119.	3.6	26
48	Can limonene be a possible candidate for evaluation as an agent or adjuvant against infection, immunity, and inflammation in COVID-19?. <i>Heliyon</i> , 2021, 7, e05703.	3.2	25
49	Viral pathogenesis of SARS-CoV-2 infection and male reproductive health. <i>Open Biology</i> , 2021, 11, 200347.	3.6	25
50	Can Echinacea be a potential candidate to target immunity, inflammation, and infection - The trinity of coronavirus disease 2019. <i>Heliyon</i> , 2021, 7, e05990.	3.2	25
51	Re-establishing the comprehension of phytomedicine and nanomedicine in inflammation-mediated cancer signaling. <i>Seminars in Cancer Biology</i> , 2022, 86, 1086-1104.	9.6	25
52	Stress-Induced Synaptic Dysfunction and Neurotransmitter Release in Alzheimer's Disease: Can Neurotransmitters and Neuromodulators be Potential Therapeutic Targets?. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 1017-1039.	2.6	24
53	Development of mushroom polysaccharide and probiotics based solid self-nanoemulsifying drug delivery system loaded with curcumin and quercetin to improve their dissolution rate and permeability: State of the art. <i>International Journal of Biological Macromolecules</i> , 2021, 189, 744-757.	7.5	24
54	Nuclear factor-kappa B (NF-Î²B) inhibition as a therapeutic target for plant nutraceuticals in mitigating inflammatory lung diseases. <i>Chemico-Biological Interactions</i> , 2022, 354, 109842.	4.0	24

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55	The role of HGF/MET in liver cancer. <i>Future Medicinal Chemistry</i> , 2021, 13, 1829-1832.	2.3	23
56	Nanomaterials in the Management of Gram-Negative Bacterial Infections. <i>Nanomaterials</i> , 2021, 11, 2535.	4.1	23
57	Interplay between Dysbiosis of Gut Microbiome, Lipid Metabolism, and Tumorigenesis: Can Gut Dysbiosis Stand as a Prognostic Marker in Cancer?. <i>Disease Markers</i> , 2022, 2022, 1-15.	1.3	23
58	Dioscin: A review on pharmacological properties and therapeutic values. <i>BioFactors</i> , 2022, 48, 22-55.	5.4	23
59	Overcoming drug delivery barriers and challenges in topical therapy of atopic dermatitis: A nanotechnological perspective. <i>Biomedicine and Pharmacotherapy</i> , 2022, 147, 112633.	5.6	22
60	Cellular landscaping of cisplatin resistance in cervical cancer. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113345.	5.6	22
61	Effects of curcumin-loaded poly(lactic-co-glycolic acid) nanoparticles in MDA-MB231 human breast cancer cells. <i>Nanomedicine</i> , 2021, 16, 1763-1773.	3.3	21
62	Theranostic Advances of Bionanomaterials against Gestational Diabetes Mellitus: A Preliminary Review. <i>Journal of Functional Biomaterials</i> , 2021, 12, 54.	4.4	21
63	Recent trends of NF κ B decoy oligodeoxynucleotide-based nanotherapeutics in lung diseases. <i>Journal of Controlled Release</i> , 2021, 337, 629-644.	9.9	21
64	ABC Transporters in Neurological Disorders: An Important Gateway for Botanical Compounds Mediated Neuro-Therapeutics. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 795-811.	2.1	21
65	Protein and peptide delivery to lungs by using advanced targeted drug delivery. <i>Chemico-Biological Interactions</i> , 2022, 351, 109706.	4.0	21
66	Nutraceuticals: unlocking newer paradigms in the mitigation of inflammatory lung diseases. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 3302-3332.	10.3	21
67	Cytokinins: A Genetic Target for Increasing Yield Potential in the CRISPR Era. <i>Frontiers in Genetics</i> , 2022, 13, 883930.	2.3	21
68	Advances in designing of polymeric micelles for biomedical application in brain related diseases. <i>Chemico-Biological Interactions</i> , 2022, 361, 109960.	4.0	21
69	Self-nanoemulsifying composition containing curcumin, quercetin, Ganoderma lucidum extract powder and probiotics for effective treatment of type 2 diabetes mellitus in streptozotocin induced rats. <i>International Journal of Pharmaceutics</i> , 2022, 612, 121306.	5.2	20
70	Nanotherapeutic approaches to target mitochondria in cancer. <i>Life Sciences</i> , 2021, 281, 119773.	4.3	19
71	Recent Advances in Cardiac Tissue Engineering for the Management of Myocardium Infarction. <i>Cells</i> , 2021, 10, 2538.	4.1	19
72	Alzheimer's disease-like perturbations in HIV-mediated neuronal dysfunctions: understanding mechanisms and developing therapeutic strategies. <i>Open Biology</i> , 2020, 10, 200286.	3.6	19

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73	The science of matcha: Bioactive compounds, analytical techniques and biological properties. Trends in Food Science and Technology, 2021, 118, 735-743.	15.1	19
74	TLR-Mediated Signal Transduction and Neurodegenerative Disorders. Brain Sciences, 2021, 11, 1373.	2.3	18
75	Expanding the arsenal against pulmonary diseases using surface-functionalized polymeric micelles: breakthroughs and bottlenecks. Nanomedicine, 2022, 17, 881-911.	3.3	18
76	Nootkatone, a Dietary Fragrant Bioactive Compound, Attenuates Dyslipidemia and Intramyocardial Lipid Accumulation and Favorably Alters Lipid Metabolism in a Rat Model of Myocardial Injury: An In Vivo and In Vitro Study. Molecules, 2020, 25, 5656.	3.8	17
77	Middle East Respiratory Syndrome (MERS) Virusâ€™ Pathophysiological Axis and the Current Treatment Strategies. AAPS PharmSciTech, 2021, 22, 173.	3.3	17
78	Pharmacological Properties, Therapeutic Potential and Molecular Mechanisms of JWH133, a CB2 Receptor-Selective Agonist. Frontiers in Pharmacology, 2021, 12, 702675.	3.5	17
79	Clustered regularly interspaced short palindromic repeats (CRISPR)/CRISPRâ€™associated genomeâ€™editing toolkit to enhance salt stress tolerance in rice and wheat. Physiologia Plantarum, 2022, 174, e13642.	5.2	17
80	Targeting eosinophils in respiratory diseases: Biological axis, emerging therapeutics and treatment modalities. Life Sciences, 2021, 267, 118973.	4.3	16
81	Recent Advances in Chronotherapy Targeting Respiratory Diseases. Pharmaceutics, 2021, 13, 2008.	4.5	16
82	Biotechnology of camptothecin production in Nothapodytes nimmoniana, Ophiorrhiza sp. and Camptotheca acuminata. Applied Microbiology and Biotechnology, 2021, 105, 9089-9102.	3.6	16
83	Nanoparticulate RNA delivery systems in cancer. Cancer Reports, 2020, 3, e1271.	1.4	15
84	Current Understanding of Novel Coronavirus: Molecular Pathogenesis, Diagnosis, and Treatment Approaches. Immuno, 2021, 1, 30-66.	1.5	15
85	Rutin Mediated Apoptotic Cell Death in Caski Cervical Cancer Cells via Notch-1 and Hes-1 Downregulation. Life, 2021, 11, 761.	2.4	15
86	Unravelling the multi-faceted regulatory role of polyamines in plant biotechnology, transgenics and secondary metabolomics. Applied Microbiology and Biotechnology, 2022, 106, 905-929.	3.6	15
87	Targeting intercellular adhesion molecule-1 (ICAM-1) to reduce rhinovirus-induced acute exacerbations in chronic respiratory diseases. Inflammopharmacology, 2022, 30, 725-735.	3.9	15
88	Molecular Insights into Therapeutic Potentials of Hybrid Compounds Targeting Alzheimerâ€™s Disease. Molecular Neurobiology, 2022, 59, 3512-3528.	4.0	15
89	Homology Modelling, Molecular Docking and Molecular Dynamics Simulation Studies of CALMH1 against Secondary Metabolites of Bauhinia variegata to Treat Alzheimerâ€™s Disease. Brain Sciences, 2022, 12, 770.	2.3	15
90	Serratiopeptidase, A Serine Protease Anti-Inflammatory, Fibrinolytic, and Mucolytic Drug, Can Be a Useful Adjuvant for Management in COVID-19. Frontiers in Pharmacology, 2021, 12, 603997.	3.5	14

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91	Harnessing the therapeutic potential of fisetin and its nanoparticles: Journey so far and road ahead. <i>Chemico-Biological Interactions</i> , 2022, 356, 109869.	4.0	14
92	Phytomedicines Targeting Cancer Stem Cells: Therapeutic Opportunities and Prospects for Pharmaceutical Development. <i>Pharmaceuticals</i> , 2021, 14, 676.	3.8	13
93	Unravelling the molecular mechanisms underlying chronic respiratory diseases for the development of novel therapeutics via in vitro experimental models. <i>European Journal of Pharmacology</i> , 2022, 919, 174821.	3.5	13
94	Antiproliferative effect of <i>Moringa oleifera</i> methanolic leaf extract by down-regulation of Notch signaling in DU145 prostate cancer cells. <i>Gene Reports</i> , 2020, 19, 100619.	0.8	12
95	The <sc>FBXW7</sc>â€œNOTCH interactome</sc>: A ubiquitin proteasomal systemâ€œinduced crosstalk modulating oncogenic transformation in human tissues. <i>Cancer Reports</i> , 2021, 4, e1369.	1.4	12
96	Interleukin-13: A pivotal target against influenza-induced exacerbation of chronic lung diseases. <i>Life Sciences</i> , 2021, 283, 119871.	4.3	12
97	Neoechinulins: Molecular, cellular, and functional attributes as promising therapeutics against cancer and other human diseases. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112378.	5.6	12
98	Molecular mechanisms of developmental pathways in neurological disorders: a pharmacological and therapeutic review. <i>Open Biology</i> , 2022, 12, 210289.	3.6	12
99	Recent Progress in Development of Dressings Used for Diabetic Wounds with Special Emphasis on Scaffolds. <i>BioMed Research International</i> , 2022, 2022, 1-43.	1.9	12
100	Toward a chimeric vaccine against multiple isolates of <i>Mycobacteroides</i> - An integrative approach. <i>Life Sciences</i> , 2020, 250, 117541.	4.3	11
101	Synthesis, In Silico Study, and Anti-Cancer Activity of Thiosemicarbazone Derivatives. <i>Biomedicines</i> , 2021, 9, 1375.	3.2	11
102	Rediscovering the Therapeutic Potential of Agarwood in the Management of Chronic Inflammatory Diseases. <i>Molecules</i> , 2022, 27, 3038.	3.8	11
103	Autoantibodies and autoimmune disorders in SARS-CoV-2 infection: pathogenicity and immune regulation. <i>Environmental Science and Pollution Research</i> , 2022, 29, 54072-54087.	5.3	11
104	Nutraceuticals and mitochondrial oxidative stress: bridging the gap in the management of bronchial asthma. <i>Environmental Science and Pollution Research</i> , 2022, 29, 62733-62754.	5.3	11
105	Immunotherapy for Alzheimerâ€™s Disease: Current Scenario and Future Perspectives. <i>Journal of prevention of Alzheimer's disease</i> , The, 2021, 8, 1-18.	2.7	10
106	Advances in pulmonary drug delivery targeting microbial biofilms in respiratory diseases. <i>Nanomedicine</i> , 2021, 16, 1905-1923.	3.3	10
107	Bioactive Compounds from <i>Zingiber montanum</i> and Their Pharmacological Activities with Focus on Zerumbone. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10205.	2.5	10
108	Aptameric nanobiosensors for the diagnosis of COVID-19: An update. <i>Materials Letters</i> , 2022, 308, 131237.	2.6	10

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109	Unraveling the promise and limitations of CRISPR/Cas system in natural product research: Approaches and challenges. <i>Biotechnology Journal</i> , 2022, 17, e2100507.	3.5	10
110	Journey of <i>Alpinia galanga</i> from kitchen spice to nutraceutical to folk medicine to nanomedicine. <i>Journal of Ethnopharmacology</i> , 2022, 291, 115144.	4.1	10
111	Treatment of chronic airway diseases using nutraceuticals: Mechanistic insight. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 7576-7590.	10.3	9
112	Bracing NK cell based therapy to relegate pulmonary inflammation in COVID-19. <i>Heliyon</i> , 2021, 7, e07635.	3.2	9
113	Mitochondrial dysfunctions associated with chronic respiratory diseases and their targeted therapies: an update. <i>Future Medicinal Chemistry</i> , 2021, 13, 1249-1251.	2.3	9
114	Nanomaterials in Alzheimer's disease treatment: a comprehensive review. <i>Frontiers in Bioscience</i> , 2021, 26, 851.	2.1	9
115	Repurposing Dimethyl Fumarate for Cardiovascular Diseases: Pharmacological Effects, Molecular Mechanisms, and Therapeutic Promise. <i>Pharmaceuticals</i> , 2022, 15, 497.	3.8	9
116	Mitochondrial defects: An emerging theranostic avenue towards Alzheimer's associated dysregulations. <i>Life Sciences</i> , 2021, 285, 119985.	4.3	8
117	Applications of drug-delivery systems targeting inflammasomes in pulmonary diseases. <i>Nanomedicine</i> , 2021, 16, 2407-2410.	3.3	8
118	Biotechnology for propagation and secondary metabolite production in <i>Bacopa monnieri</i> . <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 1837-1854.	3.6	8
119	Beneficial Role of Selenium (Se) Biofortification in Developing Resilience Against Potentially Toxic Metal and Metalloid Stress in Crops: Recent Trends in Genetic Engineering and Omics Approaches. <i>Journal of Soil Science and Plant Nutrition</i> , 2022, 22, 2347-2377.	3.4	8
120	Advanced drug delivery systems targeting NF- κ B in respiratory diseases. <i>Future Medicinal Chemistry</i> , 2021, 13, 1087-1090.	2.3	7
121	Exploring role of polysaccharides present in <i>Ganoderma lucidum</i> extract powder and probiotics as solid carriers in development of liquisolid formulation loaded with quercetin: A novel study. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 1630-1639.	7.5	7
122	A perspective review on medicinal plant resources for their antimutagenic potentials. <i>Environmental Science and Pollution Research</i> , 2022, 29, 62014-62029.	5.3	7
123	Unravelling the molecular mechanism of mutagenic factors impacting human health. <i>Environmental Science and Pollution Research</i> , 2022, 29, 61993-62013.	5.3	7
124	Microfluidic Platforms to Unravel Mysteries of Alzheimer's Disease: How Far Have We Come?. <i>Life</i> , 2021, 11, 1022.	2.4	7
125	Nanotechnology-based therapeutic formulations in the battle against animal coronaviruses: an update. <i>Journal of Nanoparticle Research</i> , 2021, 23, 229.	1.9	7
126	Immunological Mechanisms of Vaccine-Induced Protection against SARS-CoV-2 in Humans. <i>Immuno</i> , 2021, 1, 442-456.	1.5	7

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127	Phytotherapy for Attention Deficit Hyperactivity Disorder (ADHD): A Systematic Review and Meta-analysis. <i>Frontiers in Pharmacology</i> , 2022, 13, 827411.	3.5	7
128	MOLECULAR DOCKING STUDIES FOR THE COMPARATIVE ANALYSIS OF DIFFERENT BIOMOLECULES TO TARGET HYPOXIA INDUCIBLE FACTOR-1 α . <i>International Journal of Applied Pharmaceutics</i> , 2017, 9, 83.	0.3	6
129	Oral Nanoemulsion of Fenofibrate: Formulation, Characterization, and <i>In Vitro</i> Drug Release Studies. <i>Assay and Drug Development Technologies</i> , 2021, 19, 246-261.	1.2	6
130	An Appraisal of the Current Scenario in Vaccine Research for COVID-19. <i>Viruses</i> , 2021, 13, 1397.	3.3	6
131	Targeting LIN28: a new hope in prostate cancer theranostics. <i>Future Oncology</i> , 2021, 17, 3873-3880.	2.4	6
132	Expanding arsenal against diabetes mellitus through nanoformulations loaded with glimepiride and simvastatin: A comparative study. <i>Environmental Science and Pollution Research</i> , 2022, 29, 51976-51988.	5.3	6
133	Overcoming hydrolytic degradation challenges in topical delivery: non-aqueous nano-emulsions. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 23-45.	5.0	6
134	Spatiotemporal chromatin dynamics - A telltale of circadian epigenetic gene regulation. <i>Life Sciences</i> , 2019, 221, 377-391.	4.3	5
135	Deciphering the SSR incidences across viral members of Coronaviridae family. <i>Chemico-Biological Interactions</i> , 2020, 331, 109226.	4.0	5
136	A global comparison of implementation and effectiveness of materiovigilance program: overview of regulations. <i>Environmental Science and Pollution Research</i> , 2021, 28, 59608-59629.	5.3	5
137	Activation of TWEAK/Fn14 signaling suppresses TRAFs/NF- κ B pathway in the pathogenesis of cancer. <i>EXCLI Journal</i> , 2021, 20, 232-235.	0.7	5
138	Drug repurposing: An emerging strategy in alleviating skin cancer. <i>European Journal of Pharmacology</i> , 2022, 926, 175031.	3.5	5
139	Repurposing chia seed oil: A versatile novel functional food. <i>Journal of Food Science</i> , 2022, 87, 2798-2819.	3.1	5
140	Can dextran-based nanoparticles mitigate inflammatory lung diseases?. <i>Future Medicinal Chemistry</i> , 2021, 13, 2027-2031.	2.3	4
141	Mitigating inflammation using advanced drug delivery by targeting TNF- α in lung diseases. <i>Future Medicinal Chemistry</i> , 2022, 14, 57-60.	2.3	4
142	Recent Trends in Rationally Designed Molecules as Kinase Inhibitors. <i>Current Medicinal Chemistry</i> , 2023, 30, 1529-1567.	2.4	4
143	Biomedical Applications of polymeric micelles in the treatment of diabetes mellitus: Current success and future approaches. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 771-793.	5.0	4
144	Size-based Degradation of Therapeutic Proteins - Mechanisms, Modelling and Control. <i>Biomolecular Concepts</i> , 2021, 12, 68-84.	2.2	3

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145	Advanced drug delivery approaches in managing TGF- β -mediated remodeling in lung diseases. <i>Nanomedicine</i> , 2021, 16, 2243-2247.	3.3	3
146	Pharmacological potential of JWH133, a cannabinoid type 2 receptor agonist in neurodegenerative, neurodevelopmental and neuropsychiatric diseases. <i>European Journal of Pharmacology</i> , 2021, 909, 174398.	3.5	3
147	Differential Transcriptome Profiling Unveils Novel Deregulated Gene Signatures Involved in Pathogenesis of Alzheimer's Disease. <i>Biomedicines</i> , 2022, 10, 611.	3.2	3
148	In silico identification of potential inhibitor for TP53-induced glycolysis and apoptosis regulator in head and neck squamous cell carcinoma. <i>3 Biotech</i> , 2021, 11, 117.	2.2	2
149	Biological databases and tools for neurological disorders. <i>Journal of Integrative Neuroscience</i> , 2022, 21, 041.	1.7	2
150	Probing the Immune System Dynamics of the COVID-19 Disease for Vaccine Designing and Drug Repurposing Using Bioinformatics Tools. <i>Immuno</i> , 2022, 2, 344-371.	1.5	2
151	Epigenetics and Angiogenesis in Cancer. , 2016, , 145-176.		1
152	BIOMOLECULES MEDIATED TARGETING OF VASCULAR ENDOTHELIAL GROWTH FACTOR IN NEURONAL DYSFUNCTION: AN IN SILICO APPROACH. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2017, 10, 96.	0.3	1
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