

Tapan Behl

List of Publications by Year in descending order

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Version: 2024-02-01

227
papers

4,900
citations

117619

34
h-index

175241

52
g-index

230
all docs

230
docs citations

230
times ranked

4859
citing authors

#	ARTICLE	IF	CITATIONS
1	Implication of oxidative stress in progression of diabetic retinopathy. <i>Survey of Ophthalmology</i> , 2016, 61, 187-196.	4.0	124
2	Exploring the various aspects of the pathological role of vascular endothelial growth factor (VEGF) in diabetic retinopathy. <i>Pharmacological Research</i> , 2015, 99, 137-148.	7.1	123
3	Reactivation of p53 gene by MDM2 inhibitors: A novel therapy for cancer treatment. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 484-492.	5.6	108
4	Nanomaterials for Diagnosis and Treatment of Brain Cancer: Recent Updates. <i>Chemosensors</i> , 2020, 8, 117.	3.6	107
5	Role of Monoamine Oxidase Activity in Alzheimer's Disease: An Insight into the Therapeutic Potential of Inhibitors. <i>Molecules</i> , 2021, 26, 3724.	3.8	106
6	Pleotropic Effects of Polyphenols in Cardiovascular System. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110714.	5.6	93
7	Nutraceuticals in Neurological Disorders. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4424.	4.1	92
8	The dual impact of ACE2 in COVID-19 and ironical actions in geriatrics and pediatrics with possible therapeutic solutions. <i>Life Sciences</i> , 2020, 257, 118075.	4.3	87
9	Expatriating the impact of anthropogenic aspects and climatic factors on long-term soil monitoring and management. <i>Environmental Science and Pollution Research</i> , 2021, 28, 30528-30550.	5.3	84
10	CNS implications of COVID-19: a comprehensive review. <i>Reviews in the Neurosciences</i> , 2021, 32, 219-234.	2.9	81
11	Revisiting the Amyloid Cascade Hypothesis: From Anti-A β Therapeutics to Auspicious New Ways for Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5858.	4.1	79
12	Implicating the effect of ketogenic diet as a preventive measure to obesity and diabetes mellitus. <i>Life Sciences</i> , 2021, 264, 118661.	4.3	79
13	Multifaceted Role of Matrix Metalloproteinases in Neurodegenerative Diseases: Pathophysiological and Therapeutic Perspectives. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1413.	4.1	76
14	Synthesis of physically crosslinked PVA/Chitosan loaded silver nanoparticles hydrogels with tunable mechanical properties and antibacterial effects. <i>International Journal of Biological Macromolecules</i> , 2020, 149, 1262-1274.	7.5	73
15	Unravelling the involvement of gut microbiota in type 2 diabetes mellitus. <i>Life Sciences</i> , 2021, 273, 119311.	4.3	73
16	Polyphenols inhibiting MAPK signalling pathway mediated oxidative stress and inflammation in depression. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112545.	5.6	71
17	Exploring the multifocal role of phytochemicals as immunomodulators. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 110959.	5.6	69
18	CD147-spike protein interaction in COVID-19: Get the ball rolling with a novel receptor and therapeutic target. <i>Science of the Total Environment</i> , 2022, 808, 152072.	8.0	66

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19	Oxidative stress – Complex pathological issues concerning the hallmark of cardiovascular and metabolic disorders. <i>Biomedicine and Pharmacotherapy</i> , 2022, 152, 113238.	5.6	66
20	Polyphenols Targeting MAPK Mediated Oxidative Stress and Inflammation in Rheumatoid Arthritis. <i>Molecules</i> , 2021, 26, 6570.	3.8	60
21	Unfolding the Role of BDNF as a Biomarker for Treatment of Depression. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 2008-2021.	2.3	58
22	Phytochemicals from Plant Foods as Potential Source of Antiviral Agents: An Overview. <i>Pharmaceuticals</i> , 2021, 14, 381.	3.8	52
23	Exploring the Multifaceted Therapeutic Potential of Withaferin A and Its Derivatives. <i>Biomedicines</i> , 2020, 8, 571.	3.2	49
24	Current Trends in Neurodegeneration: Cross Talks between Oxidative Stress, Cell Death, and Inflammation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7432.	4.1	49
25	Cross-talks among GBA mutations, glucocerebrosidase, and Î±-synuclein in GBA-associated Parkinson’s disease and their targeted therapeutic approaches: a comprehensive review. <i>Translational Neurodegeneration</i> , 2021, 10, 4.	8.0	48
26	Detection of gyrA and parC Mutations and Prevalence of Plasmid-Mediated Quinolone Resistance Genes in <i>Klebsiella pneumoniae</i> . <i>Infection and Drug Resistance</i> , 2021, Volume 14, 555-563.	2.7	48
27	The dichotomy of nanotechnology as the cutting edge of agriculture: Nano-farming as an asset versus nanotoxicity. <i>Chemosphere</i> , 2022, 288, 132533.	8.2	48
28	Cardiovascular Risk and Statin Therapy Considerations in Women. <i>Diagnostics</i> , 2020, 10, 483.	2.6	45
29	COVID-19 Outbreak: Pathogenesis, Current Therapies, and Potentials for Future Management. <i>Frontiers in Pharmacology</i> , 2020, 11, 563478.	3.5	45
30	The Interplay of ABC Transporters in AÎ² Translocation and Cholesterol Metabolism: Implicating Their Roles in Alzheimer’s Disease. <i>Molecular Neurobiology</i> , 2021, 58, 1564-1582.	4.0	45
31	Chinese herbal drugs for the treatment of diabetic retinopathy. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 223-235.	2.4	44
32	Early Diagnosis of Pancreatic Cancer: The Key for Survival. <i>Diagnostics</i> , 2020, 10, 869.	2.6	43
33	Emerging Proof of Protein Misfolding and Interactions in Multifactorial Alzheimer’s Disease. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 2380-2390.	2.1	41
34	Multifarious roles of mTOR signaling in cognitive aging and cerebrovascular dysfunction of Alzheimer’s disease. <i>IUBMB Life</i> , 2020, 72, 1843-1855.	3.4	40
35	Angiogenesis in obesity. <i>Biomedicine and Pharmacotherapy</i> , 2020, 126, 110103.	5.6	38
36	Aspects of excessive antibiotic consumption and environmental influences correlated with the occurrence of resistance to antimicrobial agents. <i>Current Opinion in Environmental Science and Health</i> , 2021, 19, 100224.	4.1	38

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37	The antimicrobial activity of honey and propolis extracts from the central region of Romania. <i>Food Bioscience</i> , 2021, 41, 101014.	4.4	37
38	Exploring the role of polyphenols in rheumatoid arthritis. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 5372-5393.	10.3	36
39	Exploring the role of neuropeptides in depression and anxiety. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 114, 110478.	4.8	36
40	COVID-19 and diabetes: Association intensify risk factors for morbidity and mortality. <i>Biomedicine and Pharmacotherapy</i> , 2022, 151, 113089.	5.6	36
41	Omega-3 fatty acids in prevention of diabetic retinopathy. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 946-954.	2.4	35
42	Stem cells and growth factors-based delivery approaches for chronic wound repair and regeneration: A promise to heal from within. <i>Life Sciences</i> , 2021, 268, 118932.	4.3	34
43	Exploring the Potential of Therapeutic Agents Targeted towards Mitigating the Events Associated with Amyloid- β^2 Cascade in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7443.	4.1	33
44	Dysregulation of the Gut-Brain Axis, Dysbiosis and Influence of Numerous Factors on Gut Microbiota Associated Parkinson's Disease. <i>Current Neuropharmacology</i> , 2020, 19, 233-247.	2.9	33
45	Role of metallic pollutants in neurodegeneration: effects of aluminum, lead, mercury, and arsenic in mediating brain impairment events and autism spectrum disorder. <i>Environmental Science and Pollution Research</i> , 2021, 28, 8989-9001.	5.3	32
46	Anti-Neuroinflammatory Potential of Polyphenols by Inhibiting NF- κ B to Halt Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , 2021, 27, 402-414.	1.9	31
47	Chemically Diverse and Biologically Active Secondary Metabolites from Marine Phylum chlorophyta. <i>Marine Drugs</i> , 2020, 18, 493.	4.6	31
48	Implications of the endogenous PPAR-gamma ligand, 15-deoxy-delta-12, 14-prostaglandin J2, in diabetic retinopathy. <i>Life Sciences</i> , 2016, 153, 93-99.	4.3	30
49	A review of phytochemistry and pharmacology profile of <i>Juglans regia</i> . <i>Obesity Medicine</i> , 2019, 16, 100142.	0.9	30
50	Exploring the therapeutic promise of targeting HMGB1 in rheumatoid arthritis. <i>Life Sciences</i> , 2020, 258, 118164.	4.3	30
51	Determination of the Total Polyphenols Content and Antioxidant Activity of <i>Echinacea Purpurea</i> Extracts Using Newly Manufactured Glassy Carbon Electrodes Modified with Carbon Nanotubes. <i>Processes</i> , 2020, 8, 833.	2.8	29
52	The Lipid Paradox as a Metabolic Checkpoint and Its Therapeutic Significance in Ameliorating the Associated Cardiovascular Risks in Rheumatoid Arthritis Patients. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9505.	4.1	29
53	Theoretical evaluation of Cleome species' bioactive compounds and therapeutic potential: A literature review. <i>Biomedicine and Pharmacotherapy</i> , 2022, 151, 113161.	5.6	29
54	Emerging Management Approach for the Adverse Events of Immunotherapy of Cancer. <i>Molecules</i> , 2022, 27, 3798.	3.8	29

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55	Decrypting the potential role of α -lipoic acid in Alzheimer's disease. <i>Life Sciences</i> , 2021, 284, 119899.	4.3	28
56	Mechanistic insights into the role of pyroptosis in rheumatoid arthritis. <i>Current Research in Translational Medicine</i> , 2020, 68, 151-158.	1.8	27
57	Molecular insights into the therapeutic promise of targeting HMGB1 in depression. <i>Pharmacological Reports</i> , 2021, 73, 31-42.	3.3	27
58	Role of Nrf2 in rheumatoid arthritis. <i>Current Research in Translational Medicine</i> , 2020, 68, 171-181.	1.8	26
59	Possible role of endostatin in the antiangiogenic therapy of diabetic retinopathy. <i>Life Sciences</i> , 2015, 135, 131-137.	4.3	25
60	Proposed mechanisms of <i>Terminalia catappa</i> in hyperglycaemia and associated diabetic complications. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 123-134.	2.4	25
61	Neuroprotective Effects of Ellagic Acid in Alzheimer's Disease: Focus on Underlying Molecular Mechanisms of Therapeutic Potential. <i>Current Pharmaceutical Design</i> , 2021, 27, 3591-3601.	1.9	25
62	Downregulated Brain-Derived Neurotrophic Factor-Induced Oxidative Stress in the Pathophysiology of Diabetic Retinopathy. <i>Canadian Journal of Diabetes</i> , 2017, 41, 241-246.	0.8	24
63	Role of HDAC inhibitors in diabetes mellitus. <i>Current Research in Translational Medicine</i> , 2020, 68, 45-50.	1.8	24
64	Molecular mechanism of zinc neurotoxicity in Alzheimer's disease. <i>Environmental Science and Pollution Research</i> , 2020, 27, 43542-43552.	5.3	24
65	Nanodiagnosis and Nanotreatment of Cardiovascular Diseases: An Overview. <i>Chemosensors</i> , 2021, 9, 67.	3.6	24
66	The Footprint of Kynurenine Pathway in Neurodegeneration: Janus-Faced Role in Parkinson's Disorder and Therapeutic Implications. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6737.	4.1	24
67	Exploring the Role of Ubiquitin-Proteasome System in Parkinson's Disease. <i>Molecular Neurobiology</i> , 2022, 59, 4257-4273.	4.0	24
68	Significance of the antiangiogenic mechanisms of thalidomide in the therapy of diabetic retinopathy. <i>Vascular Pharmacology</i> , 2017, 92, 6-15.	2.1	23
69	Factors Associated with Increased Morbidity and Mortality of Obese and Overweight COVID-19 Patients. <i>Biology</i> , 2020, 9, 280.	2.8	23
70	Unfolding Nrf2 in diabetes mellitus. <i>Molecular Biology Reports</i> , 2021, 48, 927-939.	2.3	23
71	Elucidating the Possible Role of FoxO in Depression. <i>Neurochemical Research</i> , 2021, 46, 2761-2775.	3.3	23
72	Distinctive Evidence Involved in the Role of Endocannabinoid Signalling in Parkinson's Disease: A Perspective on Associated Therapeutic Interventions. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6235.	4.1	22

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73	Understanding the possible role of endocannabinoid system in obesity. Prostaglandins and Other Lipid Mediators, 2021, 152, 106520.	1.9	22
74	Nutraceuticals and Herbs in Reducing the Risk and Improving the Treatment of COVID-19 by Targeting SARS-CoV-2. Biomedicines, 2021, 9, 1266.	3.2	22
75	Mechanisms of prolonged lithium therapy-induced nephrogenic diabetes insipidus. European Journal of Pharmacology, 2015, 755, 27-33.	3.5	21
76	Interweaving epilepsy and neurodegeneration: Vitamin E as a treatment approach. Biomedicine and Pharmacotherapy, 2021, 143, 112146.	5.6	21
77	Expatriating the molecular approaches of HMGB1 in diabetes mellitus: Highlighting signalling pathways via RAGE and TLRs. Molecular Biology Reports, 2021, 48, 1869-1881.	2.3	21
78	â€œAducanumabâ€•making a comeback in Alzheimerâ€™s disease: An old wine in a new bottle. Biomedicine and Pharmacotherapy, 2022, 148, 112746.	5.6	20
79	Therapeutic potential of Nrf-2 pathway in the treatment of diabetic neuropathy and nephropathy. Molecular Biology Reports, 2021, 48, 2761-2774.	2.3	19
80	Efficiency of antiviral treatment in COVIDâ€™19. Experimental and Therapeutic Medicine, 2021, 21, 648.	1.8	19
81	Investigation of the Molecular Role of Brain-Derived Neurotrophic Factor in Alzheimerâ€™s Disease. Journal of Molecular Neuroscience, 2022, 72, 173-186.	2.3	19
82	Rice bran, an off-shoot to newer therapeutics in neurological disorders. Biomedicine and Pharmacotherapy, 2021, 140, 111796.	5.6	19
83	Exploring the role of cathepsin in rheumatoid arthritis. Saudi Journal of Biological Sciences, 2022, 29, 402-410.	3.8	19
84	Acute coronary syndromes in diabetic patients, outcome, revascularization, and antithrombotic therapy. Biomedicine and Pharmacotherapy, 2022, 148, 112772.	5.6	19
85	Risk Factors Associated with Recurrent Clostridioides difficile Infection. Healthcare (Switzerland), 2020, 8, 352.	2.0	18
86	Exploring the Role of Autophagy Dysfunction in Neurodegenerative Disorders. Molecular Neurobiology, 2021, 58, 4886-4905.	4.0	18
87	Multifaceted Alzheimerâ€™s Disease: Building a Roadmap for Advancement of Novel Therapies. Neurochemical Research, 2021, 46, 2832-2851.	3.3	18
88	COVID-19 Outbreak and Emerging Management through Pharmaceutical Therapeutic Strategy. Current Pharmaceutical Design, 2020, 26, 5224-5240.	1.9	18
89	Potential of flavonoids as anti-Alzheimerâ€™s agents: bench to bedside. Environmental Science and Pollution Research, 2022, 29, 26063-26077.	5.3	18
90	Therapeutic dilemmas in addressing SARS-CoV-2 infection: Favipiravir versus Remdesivir. Biomedicine and Pharmacotherapy, 2022, 147, 112700.	5.6	18

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91	Potential of angiotensin II receptor blockers in the treatment of diabetic retinopathy. Life Sciences, 2017, 176, 1-9.	4.3	17
92	HPLC-FRAP methodology and biological activities of different stem bark extracts of <i>Cajanus cajan</i> (L.) Millsp. Journal of Pharmaceutical and Biomedical Analysis, 2021, 192, 113678.	2.8	17
93	A review on the effect of COVID-19 in type 2 asthma and its management. International Immunopharmacology, 2021, 91, 107309.	3.8	17
94	Involvement of molecular chaperone in protein-misfolding brain diseases. Biomedicine and Pharmacotherapy, 2022, 147, 112647.	5.6	17
95	Role of leukotrienes in diabetic retinopathy. Prostaglandins and Other Lipid Mediators, 2016, 122, 1-9.	1.9	16
96	Investigation of the utility of <i>Curcuma caesia</i> in the treatment of diabetic neuropathy. Journal of Pharmacy and Pharmacology, 2019, 71, 725-732.	2.4	16
97	Exploring the molecular approach of COX and LOX in Alzheimer's and Parkinson's disorder. Molecular Biology Reports, 2020, 47, 9895-9912.	2.3	16
98	Mitochondrial Dysfunction in Huntington's Disease: Pathogenesis and Therapeutic Opportunities. Current Drug Targets, 2021, 22, 1637-1667.	2.1	16
99	Molecular Genetics of Early- and Late-Onset Alzheimer's Disease. Current Gene Therapy, 2021, 21, 43-52.	2.0	16
100	COVID-19 and Domestic Animals: Exploring the Species Barrier Crossing, Zoonotic and Reverse Zoonotic Transmission of SARS-CoV-2. Current Pharmaceutical Design, 2021, 27, 1194-1201.	1.9	16
101	Bioinformatics Accelerates the Major Tetrad: A Real Boost for the Pharmaceutical Industry. International Journal of Molecular Sciences, 2021, 22, 6184.	4.1	16
102	Role of brain derived neurotropic factor in obesity. Obesity Medicine, 2020, 17, 100189.	0.9	16
103	Elucidating the role of hypoxia-inducible factor in rheumatoid arthritis. Inflammopharmacology, 2022, 30, 737-748.	3.9	16
104	Nutraceuticals in the management of obesity. Obesity Medicine, 2020, 17, 100168.	0.9	15
105	Scrutinizing the therapeutic and diagnostic potential of nanotechnology in thyroid cancer: Edifying drug targeting by nano-oncotherapeutics. Journal of Drug Delivery Science and Technology, 2021, 61, 102221.	3.0	15
106	Exploring the role of mitochondrial proteins as molecular target in Alzheimer's disease. Mitochondrion, 2021, 56, 62-72.	3.4	15
107	Artificial intelligence as a fundamental tool in management of infectious diseases and its current implementation in COVID-19 pandemic. Environmental Science and Pollution Research, 2021, 28, 40515-40532.	5.3	15
108	Current Perspective on the Natural Compounds and Drug Delivery Techniques in Glioblastoma Multiforme. Cancers, 2021, 13, 2765.	3.7	15

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109	Unravelling the potential neuroprotective facets of erythropoietin for the treatment of Alzheimer's disease. <i>Metabolic Brain Disease</i> , 2022, 37, 1-16.	2.9	15
110	Deciphering the role of nanoparticles for management of bacterial meningitis: an update on recent studies. <i>Environmental Science and Pollution Research</i> , 2021, 28, 60459-60476.	5.3	15
111	A rationalized and innovative perspective of nanotechnology and nanobiotechnology in chronic wound management. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101930.	3.0	14
112	Elucidating the Neuroprotective Role of PPARs in Parkinson's Disease: A Neoteric and Prospective Target. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10161.	4.1	14
113	Intercalating the Role of MicroRNAs in Cancer: As Enemy or Protector. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020, 21, 593-598.	1.2	14
114	Role of altered coagulation-fibrinolytic system in the pathophysiology of diabetic retinopathy. <i>Vascular Pharmacology</i> , 2017, 92, 1-5.	2.1	13
115	The endocannabinoid signaling pathway as an emerging target in pharmacotherapy, earmarking mitigation of destructive events in rheumatoid arthritis. <i>Life Sciences</i> , 2020, 257, 118109.	4.3	13
116	Targeting therapeutic approaches and highlighting the potential role of nanotechnology in atopic dermatitis. <i>Environmental Science and Pollution Research</i> , 2022, 29, 32605-32630.	5.3	13
117	Integrating Endocannabinoid Signalling In Depression. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 2022-2034.	2.3	12
118	Understanding the Potential Role and Delivery Approaches of Nitric Oxide in Chronic Wound Healing Management. <i>Current Pharmaceutical Design</i> , 2021, 27, 1999-2014.	1.9	12
119	Mechanistic insights into the role of B cells in rheumatoid arthritis. <i>International Immunopharmacology</i> , 2021, 99, 108078.	3.8	12
120	In Vitro Phytochemical Screening, Cytotoxicity Studies of Curcuma longa Extracts with Isolation and Characterisation of Their Isolated Compounds. <i>Molecules</i> , 2021, 26, 7509.	3.8	12
121	Exploration of Multiverse Activities of Endocannabinoids in Biological Systems. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5734.	4.1	12
122	Role of endocannabinoids in the progression of diabetic retinopathy. <i>Diabetes/Metabolism Research and Reviews</i> , 2016, 32, 251-259.	4.0	11
123	Intricate role of oxidative stress in the progression of obesity. <i>Obesity Medicine</i> , 2019, 15, 100125.	0.9	11
124	Key milestones in the diabetes research: A comprehensive update. <i>Obesity Medicine</i> , 2020, 17, 100183.	0.9	11
125	Ubiquitination in rheumatoid arthritis. <i>Life Sciences</i> , 2020, 261, 118459.	4.3	11
126	Exploring Potential of Alkaloidal Phytochemicals Targeting Neuroinflammatory Signaling of Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , 2021, 27, 357-366.	1.9	11

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127	Connecting the dots between mitochondrial dysfunction and Parkinson's disorder: focus mitochondria-targeting therapeutic paradigm in mitigating the disease severity. <i>Environmental Science and Pollution Research</i> , 2021, 28, 37060-37081.	5.3	11
128	Mitochondrial dysfunction and traffic jams in amyotrophic lateral sclerosis. <i>Mitochondrion</i> , 2021, 58, 102-110.	3.4	11
129	There is nothing exempt from the peril of mutation – The Omicron spike. <i>Biomedicine and Pharmacotherapy</i> , 2022, 148, 112756.	5.6	11
130	Network analysis, chemical characterization, antioxidant and enzyme inhibitory effects of foxglove (<i>Digitalis cariensis</i> Boiss. ex Jaub. & Spach): A novel raw material for pharmaceutical applications. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 191, 113614.	2.8	10
131	Understanding the Role of Inflammasomes in Rheumatoid Arthritis. <i>Inflammation</i> , 2020, 43, 2033-2047.	3.8	10
132	Assessing the microbiological contamination along with environmental factors of old books in the 1490-founded Bistrița Monastery, Romania. <i>Environmental Science and Pollution Research</i> , 2021, 28, 8743-8757.	5.3	10
133	Focus on the Multimodal Role of Autophagy in Rheumatoid Arthritis. <i>Inflammation</i> , 2021, 44, 1-12.	3.8	10
134	Elucidating the Multi-Targeted Role of Nutraceuticals: A Complementary Therapy to Starve Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4045.	4.1	10
135	Mdm2-P53 Interaction Inhibitor with Cisplatin Enhances Apoptosis in Colon and Prostate Cancer Cells In-Vitro. <i>Asian Pacific Journal of Cancer Prevention</i> , 2019, 20, 3341-3351.	1.2	10
136	Linking COVID-19 and Parkinson's disease: Targeting the role of Vitamin-D. <i>Biochemical and Biophysical Research Communications</i> , 2021, 583, 14-21.	2.1	10
137	Exploring protein tyrosine phosphatases (PTP) and PTP-1B inhibitors in management of diabetes mellitus. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113405.	5.6	10
138	Arterial Function in Healthy Pregnant Women vs. Non-Pregnant Women – A 10-Year Study. <i>Diagnostics</i> , 2020, 10, 374.	2.6	9
139	Exploring Sonic Hedgehog Cell Signaling in Neurogenesis: Its Potential Role in Depressive Behavior. <i>Neurochemical Research</i> , 2021, 46, 1589-1602.	3.3	9
140	Deciphering the Neuroprotective Role of Glucagon-like Peptide-1 Agonists in Diabetic Neuropathy: Current Perspective and Future Directions. <i>Current Protein and Peptide Science</i> , 2021, 22, 4-18.	1.4	9
141	<i>Chrysopogon zizanioides</i> – a review on its pharmacognosy, chemical composition and pharmacological activities. <i>Environmental Science and Pollution Research</i> , 2021, 28, 44667-44692.	5.3	9
142	Targeting Endothelin in Alzheimer's Disease: A Promising Therapeutic Approach. <i>BioMed Research International</i> , 2021, 2021, 1-13.	1.9	9
143	Gene Therapy in the Management of Parkinson's Disease: Potential of GDNF as a Promising Therapeutic Strategy. <i>Current Gene Therapy</i> , 2020, 20, 207-222.	2.0	9
144	Alcoholic Neuropathy: Involvement of Multifaceted Signalling Mechanisms. <i>Current Molecular Pharmacology</i> , 2020, 14, 2-10.	1.5	9

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145	Anticipated pharmacological role of Aviptadil on COVID-19. Environmental Science and Pollution Research, 2022, 29, 8109-8125.	5.3	9
146	Targeting natural products against SARS-CoV-2. Environmental Science and Pollution Research, 2022, 29, 42404-42432.	5.3	9
147	Arterial function in hypertensive pregnant women. Is arterial stiffness a marker for the outcomes in pregnancy?. Life Sciences, 2021, 264, 118723.	4.3	8
148	Genetic Diversity of SARS-CoV2 and Environmental Settings: Possible Association with Neurological Disorders. Molecular Neurobiology, 2021, 58, 1917-1931.	4.0	8
149	Uncurtaining the pivotal role of ABC transporters in diabetes mellitus. Environmental Science and Pollution Research, 2021, 28, 41533-41551.	5.3	8
150	A spotlight on underlying the mechanism of AMPK in diabetes complications. Inflammation Research, 2021, 70, 939-957.	4.0	8
151	Exploring the Role of Orexinergic Neurons in Parkinson's Disease. Neurotoxicity Research, 2021, 39, 2141-2153.	2.7	8
152	Unveiling the role of polyphenols in diabetic retinopathy. Journal of Functional Foods, 2021, 85, 104608.	3.4	8
153	Inulin as a Delivery Vehicle for Targeting Colon-Specific Cancer. Current Drug Delivery, 2020, 17, 651-674.	1.6	8
154	Influence of diet and sport on the risk of sleep apnea in patients with metabolic syndrome associated with hypothyroidism – a 4-year survey. Environmental Science and Pollution Research, 2022, 29, 23158-23168.	5.3	8
155	Reviving the mutual impact of SARS-COV-2 and obesity on patients: From morbidity to mortality. Biomedicine and Pharmacotherapy, 2022, 151, 113178.	5.6	8
156	Effect of ethanolic extract of Cuscuta reflexa on high fat diet- induced obesity in Wistar rats. Obesity Medicine, 2019, 14, 100082.	0.9	7
157	Molecular insights into therapeutic promise of targeting of Wnt/ β -catenin signaling pathway in obesity. Molecular Biology Reports, 2020, 47, 8091-8100.	2.3	7
158	Potential therapeutic effect of Chrysopogon zizanioides (Vetiver) as an anti-inflammatory agent. Environmental Science and Pollution Research, 2021, 28, 15597-15606.	5.3	7
159	Focus on Multi-targeted Role of Curcumin: a Boon in Therapeutic Paradigm. Environmental Science and Pollution Research, 2021, 28, 18893-18907.	5.3	7
160	Understanding the molecular mechanisms and role of autophagy in obesity. Molecular Biology Reports, 2021, 48, 2881-2895.	2.3	7
161	Role of UPP pathway in amelioration of diabetes-associated complications. Environmental Science and Pollution Research, 2021, 28, 19601-19614.	5.3	7
162	Enumerating the role of properdin in the pathogenesis of IgA nephropathy and its possible therapies. International Immunopharmacology, 2021, 93, 107429.	3.8	7

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163	Targeting NLRP3 inflammasome as a chief instigator of obesity, contributing to local adipose tissue inflammation and insulin resistance. <i>Environmental Science and Pollution Research</i> , 2021, 28, 43102-43113.	5.3	7
164	Phytochemical Screening, Antioxidant Assay and Cytotoxic Profile for Different Extracts of <i>Chrysopogon zizanioides</i> Roots. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100012.	2.1	7
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