

Pravir Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

3,142
citations

185998

28
h-index

161609

54
g-index

85
all docs

85
docs citations

85
times ranked

4430
citing authors

#	ARTICLE	IF	CITATIONS
1	Precision Oncology, Signaling, and Anticancer Agents in Cancer Therapeutics. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 433-468.	0.9	7
2	Pharmacological intervention in oxidative stress as a therapeutic target in neurological disorders. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 461-484.	1.2	6
3	CRISPR/Cas9 gene editing: New hope for Alzheimer's disease therapeutics. <i>Journal of Advanced Research</i> , 2022, 40, 207-221.	4.4	37
4	Free radical biology in neurological manifestations: mechanisms to therapeutics interventions. <i>Environmental Science and Pollution Research</i> , 2022, 29, 62160-62207.	2.7	18
5	Unboxing the molecular modalities of mutagens in cancer. <i>Environmental Science and Pollution Research</i> , 2022, 29, 62111-62159.	2.7	19
6	Multifaced role of protein deacetylase sirtuins in neurodegenerative disease. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 132, 976-997.	2.9	11
7	Protein S-sulfhydration: Unraveling the prospective of hydrogen sulfide in the brain, vasculature and neurological manifestations. <i>Ageing Research Reviews</i> , 2022, 76, 101579.	5.0	24
8	Artificial intelligence and machine learning in precision medicine: A paradigm shift in big data analysis. <i>Progress in Molecular Biology and Translational Science</i> , 2022, , 57-100.	0.9	15
9	Restoration and targeting of aberrant neurotransmitters in Parkinson's disease therapeutics. <i>Neurochemistry International</i> , 2022, 156, 105327.	1.9	21
10	Crosstalk Between Ubiquitination and Acetylation in the Parkinson's Disease. , 2022, , .		0
11	Putative micro-RNAs in the pathogenesis of Alzheimer's diseases. , 2022, , .		0
12	Mitochondrial dysfunction in metabolic disorders. , 2021, , 91-137.		1
13	Histone deacetylase in neuropathology. <i>Advances in Clinical Chemistry</i> , 2021, 104, 151-231.	1.8	13
14	Computational Analysis Indicates That PARP1 Acts as a Histone Deacetylases Interactor Sharing Common Lysine Residues for Acetylation, Ubiquitination, and SUMOylation in Alzheimer's and Parkinson's Disease. <i>ACS Omega</i> , 2021, 6, 5739-5753.	1.6	9
15	In silico designing of putative peptides for targeting pathological protein Htt in Huntington's disease. <i>Heliyon</i> , 2021, 7, e06088.	1.4	5
16	Artificial intelligence to deep learning: machine intelligence approach for drug discovery. <i>Molecular Diversity</i> , 2021, 25, 1315-1360.	2.1	423
17	Therapeutic Targeting of Repurposed Anticancer Drugs in Alzheimer's Disease: Using the Multiomics Approach. <i>ACS Omega</i> , 2021, 6, 13870-13887.	1.6	13
18	Discovery of Novel Compounds Targeting DJ-1 as Neuroprotectants for Parkinson's Disease by Virtual Screening and In Silico Method. <i>Current Computer-Aided Drug Design</i> , 2021, 17, 351-359.	0.8	1

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19	Post-translational modifications: Regulators of neurodegenerative proteinopathies. Ageing Research Reviews, 2021, 68, 101336.	5.0	45
20	Pharmacological relevance of CDK inhibitors in Alzheimer's disease. Neurochemistry International, 2021, 148, 105115.	1.9	23
21	FOXO and related transcription factors binding elements in the regulation of neurodegenerative disorders. Journal of Chemical Neuroanatomy, 2021, 116, 102012.	1.0	16
22	Combinatorial therapy in tumor microenvironment: Where do we stand?. Biochimica Et Biophysica Acta: Reviews on Cancer, 2021, 1876, 188585.	3.3	48
23	Mitochondrial dysfunction and autophagy in neurodegeneration. , 2021, , 139-178.		0
24	Regulatory mechanism of cyclins and cyclin-dependent kinases in post-mitotic neuronal cell division. Life Sciences, 2021, 285, 120006.	2.0	9
25	Autophagy and apoptosis cascade: which is more prominent in neuronal death?. Cellular and Molecular Life Sciences, 2021, 78, 8001-8047.	2.4	58
26	Parkinson's Disease: An Overview and Role of Glutamate and its Receptors: Glutamate receptor based therapy as an alternate way to treat Parkinson's. , 2021, , .		0
27	Regulation of Hypoxia Inducible Factor via Histone Deacetylase 3 Inhibitor Valproic Acid: A computational Study between HIF-1a, Histone Deacetylase, and Valproic Acid. , 2021, , .		1
28	Identification of Putative LRRK2 Inhibitors in the Pathogenesis of Parkinson's Disease: A Drug-Repurposing Approach. , 2021, , .		2
29	Is Artificial Intelligence a Helping Hand for the Future of Neurosurgery?. , 2021, , .		0
30	VEGF and its role in the treatment of Diabetes and Alzheimer's Disease. , 2021, , .		0
31	CREB1 ^{K292} and HINFP ^{K330} as Putative Common Therapeutic Targets in Alzheimer's and Parkinson's Disease. ACS Omega, 2021, 6, 35780-35798.	1.6	4
32	Protective role of anticancer drugs in neurodegenerative disorders: A drug repurposing approach. Neurochemistry International, 2020, 140, 104841.	1.9	12
33	An integrated approach to unravel a putative crosstalk network in Alzheimer's disease and Parkinson's disease. Neuropeptides, 2020, 83, 102078.	0.9	12
34	VEGF/CDK2 are involved in diabetic organ regeneration. Biochemical and Biophysical Research Communications, 2020, 529, 1094-1100.	1.0	2
35	Ubiquitin biology in neurodegenerative disorders: From impairment to therapeutic strategies. Ageing Research Reviews, 2020, 61, 101078.	5.0	27
36	Identification of novel class I and class IIb histone deacetylase inhibitor for Alzheimer's disease therapeutics. Life Sciences, 2020, 256, 117912.	2.0	13

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37	Pharmacological intervention of histone deacetylase enzymes in the neurodegenerative disorders. Life Sciences, 2020, 243, 117278.	2.0	50
38	Design, Synthesis, and In Silico Evaluation of Methyl 2-(2-(5-Bromo/chloro-2-oxobenzoxazol-3(2H)-yl)-acetamido)-3-phenylpropanoate for TSPO Targeting. Radiochemistry, 2020, 62, 107-118.	0.2	6
39	Cancer Fighting siRNA-RRM2 Loaded Nanorobots. Pharmaceutical Nanotechnology, 2020, 8, 79-90.	0.6	7
40	A β , Tau, and α -Synuclein aggregation and integrated role of PARK2 in the regulation and clearance of toxic peptides. Neuropeptides, 2019, 78, 101971.	0.9	16
41	Can luteolin be a therapeutic molecule for both colon cancer and diabetes?. Briefings in Functional Genomics, 2019, 18, 230-239.	1.3	36
42	Comparative evaluation of ^{99m} Tc-MBIP-X/ ¹¹¹ [C] MBMP for visualization of 18 kDa translocator protein. New Journal of Chemistry, 2019, 43, 11288-11295.	1.4	8
43	Modified benzoxazolone (ABO α) based single photon emission computed tomography (SPECT) probes for 18 kDa translocator protein. Drug Development Research, 2019, 80, 741-749.	1.4	9
44	Integrated Mechanism of Lysine 351, PARK2, and STUB1 in A β PP Ubiquitination. Journal of Alzheimer's Disease, 2019, 68, 1125-1150.	1.2	5
45	An In-Silico Investigation of Key Lysine Residues and Their Selection for Clearing off A β and Holo-A β PP Through Ubiquitination. Interdisciplinary Sciences, Computational Life Sciences, 2019, 11, 584-596.	2.2	4
46	Cellular Toxicity of Mesoporous Silica Nanoparticle in SHSY5Y and BMMNCs Cell. Pharmaceutical Nanotechnology, 2019, 6, 245-252.	0.6	17
47	Hypoxia-Induced Signaling Activation in Neurodegenerative Diseases: Targets for New Therapeutic Strategies. Journal of Alzheimer's Disease, 2018, 62, 15-38.	1.2	41
48	Linking mitochondrial dysfunction, metabolic syndrome and stress signaling in Neurodegeneration. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 1132-1146.	1.8	76
49	Stress-Induced Synaptic Dysfunction and Neurotransmitter Release in Alzheimer's Disease: Can Neurotransmitters and Neuromodulators be Potential Therapeutic Targets?. Journal of Alzheimer's Disease, 2017, 57, 1017-1039.	1.2	24
50	Re-expression of cell cycle markers in aged neurons and muscles: Whether cells should divide or die?. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 324-336.	1.8	31
51	Multiple therapeutic effect of endothelial progenitor cell regulated by drugs in diabetes and diabetes related disorder. Journal of Translational Medicine, 2017, 15, 185.	1.8	33
52	MOLECULAR DOCKING STUDIES FOR THE COMPARATIVE ANALYSIS OF DIFFERENT BIOMOLECULES TO TARGET HYPOXIA INDUCIBLE FACTOR-1 α . International Journal of Applied Pharmaceutics, 2017, 9, 83.	0.3	6
53	MOLECULAR DOCKING STUDY OF NEUROPROTECTIVE PLANT-DERIVED BIOMOLECULES IN PARKINSON'S DISEASE. International Journal of Pharmacy and Pharmaceutical Sciences, 2017, 9, 149.	0.3	1
54	NEUROPROTECTIVE ROLE OF BIMOCLOMOL IN ECTOPIC CELL CYCLE IN PARKINSON'S DISEASE: NEW INSIGHTS. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 180.	0.3	0

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55	AN IN SILICO STUDY OF NARINGENIN-MEDIATED NEUROPROTECTION IN PARKINSON'S DISEASE. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 171.	0.3	2
56	BIOMOLECULES MEDIATED TARGETING OF VASCULAR ENDOTHELIAL GROWTH FACTOR IN NEURONAL DYSFUNCTION: AN IN SILICO APPROACH. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 96.	0.3	1
57	Design, synthesis and biological evaluation of methyl-2-(2-(5-bromo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (benzoxaz 114491-114499.	1.7	12
58	Epigenesis in Colorectal Cancer: A Lethal Change in the Cell. , 2016, , 123-144.		0
59	Epigenetic Post transcriptional Mutation in Neuro-Oncology. , 2016, , 177-205.		1
60	Ion Channels in Neurological Disorders. Advances in Protein Chemistry and Structural Biology, 2016, 103, 97-136.	1.0	62
61	Epigenetics and Angiogenesis in Cancer. , 2016, , 145-176.		1
62	Impact of Insulin Degrading Enzyme and Neprilysin in Alzheimer's Disease Biology: Characterization of Putative Cognates for Therapeutic Applications. Journal of Alzheimer's Disease, 2015, 48, 891-917.	1.2	64
63	Comparative study of anti-angiogenic activities of luteolin, lectin and lupeol biomolecules. Journal of Translational Medicine, 2015, 13, 307.	1.8	28
64	Synergy of bone marrow transplantation and curcumin ensue protective effects at early onset of diabetes in mice	0.8	8
65	Role of Wnt-p53-Nox Signaling Pathway in Cancer Development and Progression. British Journal of Medicine and Medical Research, 2015, 8, 651-676.	0.2	6
66	Obesity and Neurodegeneration. Advances in Obesity Weight Management & Control, 2015, 2, .	0.4	1
67	p38 MAPK and PI3K/AKT Signalling Cascades in Parkinson's Disease. International Journal of Molecular and Cellular Medicine, 2015, 4, 67-86.	1.1	117
68	Aberrant cell cycle reentry in human and experimental inclusion body myositis and polymyositis. Human Molecular Genetics, 2014, 23, 3681-3694.	1.4	16
69	Mutational Consequences of Aberrant Ion Channels in Neurological Disorders. Journal of Membrane Biology, 2014, 247, 1083-1127.	1.0	2
70	Tau Phosphorylation, Molecular Chaperones, and Ubiquitin E3 Ligase: Clinical Relevance in Alzheimer's Disease. Journal of Alzheimer's Disease, 2014, 43, 341-361.	1.2	45
71	Role of Oxidative Stress, ER Stress and Ubiquitin Proteasome System in Neurodegeneration. MOJ Cell Science & Report, 2014, 1, .	0.1	4
72	Sesamol and naringenin reverse the effect of rotenone-induced PD rat model. Neuroscience, 2013, 254, 379-394.	1.1	61

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73	Rotenone-induced parkinsonism elicits behavioral impairments and differential expression of parkin, heat shock proteins and caspases in the rat. <i>Neuroscience</i> , 2012, 220, 291-301.	1.1	69
74	Naringenin and quercetin reverse the effect of hypobaric hypoxia and elicit neuroprotective response in the murine model. <i>Brain Research</i> , 2012, 1481, 59-70.	1.1	32
75	Combinatorial Antitumor Effect of Naringenin and Curcumin Elicit Angioinhibitory Activities In Vivo. <i>Nutrition and Cancer</i> , 2012, 64, 714-724.	0.9	30
76	Cross-functional E3 ligases Parkin and C-terminal Hsp70-interacting protein in neurodegenerative disorders. <i>Journal of Neurochemistry</i> , 2012, 120, 350-370.	2.1	52
77	Protective effect of transplanted bone marrow mononuclear cells (BMMNCs) in organ damage caused due to streptozotocin (STZ) induced diabetes. <i>African Journal of Pharmacy and Pharmacology</i> , 2012, 6, .	0.2	0
78	Nanoparticle mediated targeting of VEGFR and cancer stem cells for cancer therapy. <i>Vascular Cell</i> , 2011, 3, 26.	0.2	45
79	Parkin reverses intracellular β -amyloid accumulation and its negative effects on proteasome function. <i>Journal of Neuroscience Research</i> , 2010, 88, 167-178.	1.3	75
80	The Insulin/Akt Signaling Pathway Is Targeted by Intracellular β -Amyloid. <i>Molecular Biology of the Cell</i> , 2009, 20, 1533-1544.	0.9	184
81	CHIP and HSPs interact with β -APP in a proteasome-dependent manner and influence β metabolism. <i>Human Molecular Genetics</i> , 2007, 16, 848-864.	1.4	140
82	Transgenic expression of β -APP in fast-twitch skeletal muscle leads to calcium dyshomeostasis and IBM-like pathology. <i>FASEB Journal</i> , 2006, 20, 2165-2167.	0.2	36
83	Differential Effects of Mitochondrial Heat Shock Protein 60 and Related Molecular Chaperones to Prevent Intracellular β -Amyloid-induced Inhibition of Complex IV and Limit Apoptosis. <i>Journal of Biological Chemistry</i> , 2006, 281, 29468-29478.	1.6	119
84	Direct Interaction of the Novel Nox Proteins with p22phox Is Required for the Formation of a Functionally Active NADPH Oxidase. <i>Journal of Biological Chemistry</i> , 2004, 279, 45935-45941.	1.6	468
85	Tomato Heat Stress Transcription Factor HsfB1 Represents a Novel Type of General Transcription Coactivator with a Histone-Like Motif Interacting with the Plant CREB Binding Protein Ortholog HAC1 [W]. <i>Plant Cell</i> , 2004, 16, 1521-1535.	3.1	196