

Amit Mishra

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2108186/amit-mishra-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

80
papers

1,638
citations

23
h-index

37
g-index

84
ext. papers

2,070
ext. citations

6
avg, IF

5.05
L-index

#	Paper	IF	Citations
80	Guanabenz mitigates the neuropathological alterations and cell death in Alzheimer's disease.. <i>Cell and Tissue Research</i> , 2022 , 1	4.2	1
79	Improper Proteostasis: Can It Serve as Biomarkers for Neurodegenerative Diseases?. <i>Molecular Neurobiology</i> , 2022 , 1	6.2	
78	ESAT-6 impedes IL-18 mediated phagosome lysosome fusion via microRNA-30a upon Calcimycin treatment in mycobacteria infected macrophages. <i>International Immunopharmacology</i> , 2021 , 101, 108319	5.8	0
77	Rivastigmine attenuates the Alzheimer's disease related protein degradation and apoptotic neuronal death signalling. <i>Biochemical Journal</i> , 2021 , 478, 1435-1451	3.8	3
76	Cardinal role of eukaryotic initiation factor 2 (eIF2) in progressive dopaminergic neuronal death & DNA fragmentation: Implication of PERK:IRE1-ATF6 axis in Parkinson's pathology. <i>Cellular Signalling</i> , 2021 , 81, 109922	4.9	3
75	LRSAM1 E3 ubiquitin ligase promotes proteasomal clearance of E6-AP protein. <i>Cellular Signalling</i> , 2021 , 77, 109836	4.9	0
74	Soybean lectin induces autophagy through P2RX7 dependent activation of NF-B-ROS pathway to kill intracellular mycobacteria. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021 , 1865, 129806	4	1
73	Curcumin analogs exhibit anti-cancer activity by selectively targeting G-quadruplex forming c-myc promoter sequence. <i>Biochimie</i> , 2021 , 180, 205-221	4.6	7
72	Ibuprofen-based advanced therapeutics: breaking the inflammatory link in cancer, neurodegeneration, and diseases. <i>Drug Metabolism Reviews</i> , 2021 , 53, 100-121	7	2
71	Complex Inclusion Bodies and Defective Proteome Hubs in Neurodegenerative Disease: New Clues, New Challenges. <i>Neuroscientist</i> , 2021 , 1073858421989582	7.6	2
70	Vaccine for a neglected tropical disease cysticercosis: fight for eradication against all odds. <i>Expert Review of Vaccines</i> , 2021 , 1-12	5.2	0
69	Herpesviruses and the hidden links to Multiple Sclerosis neuropathology. <i>Journal of Neuroimmunology</i> , 2021 , 358, 577636	3.5	4
68	LISTERIN E3 Ubiquitin Ligase and Ribosome-Associated Quality Control (RQC) Mechanism. <i>Molecular Neurobiology</i> , 2021 , 58, 6593-6609	6.2	1
67	Mechanism for antiParkinsonian effect of resveratrol: Involvement of transporters, synaptic proteins, dendrite arborization, biochemical alterations, ER stress and apoptosis. <i>Food and Chemical Toxicology</i> , 2021 , 155, 112433	4.7	4
66	Immunoinformatics driven construction of multi-epitope vaccine candidate against using its entire immunogenic epitopes. <i>Expert Review of Vaccines</i> , 2021 , 1-13	5.2	1
65	Neurodegeneration & imperfect ageing: Technological limitations and challenges?. <i>Mechanisms of Ageing and Development</i> , 2021 , 200, 111574	5.6	
64	Evaluation of Taenia solium cyst fluid-based enzyme linked immunoelectro transfer blot for Neurocysticercosis diagnosis in urban and highly endemic rural population of North India. <i>Clinica Chimica Acta</i> , 2020 , 508, 16-21	6.2	1

63	Receptor-ligand based molecular interaction to discover adjuvant for immune cell TLRs to develop next-generation vaccine. <i>International Journal of Biological Macromolecules</i> , 2020 , 152, 535-545	7.9	10
62	Protein nanocomposites: Special inferences to lysozyme based nanomaterials. <i>International Journal of Biological Macromolecules</i> , 2020 , 151, 467-482	7.9	15
61	How autophagy can restore proteostasis defects in multiple diseases?. <i>Medicinal Research Reviews</i> , 2020 , 40, 1385-1439	14.4	10
60	Ubiquitin ligase LRSAM1 suppresses neurodegenerative diseases linked aberrant proteins induced cell death. <i>International Journal of Biochemistry and Cell Biology</i> , 2020 , 120, 105697	5.6	2
59	Curcumin Regulates the r(CGG) RNA Hairpin Structure and Ameliorate Defects in Fragile X-Associated Tremor Ataxia Syndrome. <i>Frontiers in Neuroscience</i> , 2020 , 14, 295	5.1	10
58	Development of multi-epitope chimeric vaccine against by exploring its proteome: approach. <i>Expert Review of Vaccines</i> , 2020 , 19, 105-114	5.2	15
57	Structural vaccinology approach to investigate the virulent and secretory proteins of for devising anthrax next-generation vaccine. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 38, 4895-4905	3.6	5
56	Dissecting the differential structural and dynamics features of CCL2 chemokine orthologs. <i>International Journal of Biological Macromolecules</i> , 2020 , 156, 239-251	7.9	6
55	Structure-function and application of plant lectins in disease biology and immunity. <i>Food and Chemical Toxicology</i> , 2019 , 134, 110827	4.7	53
54	Ag(I) and Au(III) Mercaptobenzothiazole complexes induced apoptotic cell death. <i>Scientific Reports</i> , 2019 , 9, 621	4.9	5
53	ESAT-6 modulates Calcimycin-induced autophagy through microRNA-30a in mycobacteria infected macrophages. <i>Journal of Infection</i> , 2019 , 79, 139-152	18.9	11
52	Rationally designed small molecules targeting toxic CAG repeat RNA that causes Huntington's disease (HD) and spinocerebellar ataxia (SCAs). <i>Biochimie</i> , 2019 , 163, 21-32	4.6	20
51	Polyphenolic flavonoid (Myricetin) upregulated proteasomal degradation mechanisms: Eliminates neurodegenerative proteins aggregation. <i>Journal of Cellular Physiology</i> , 2019 , 234, 20900-20914	7	25
50	Ulmosides A: Flavonoid 6-C-glycosides from <i>Ulmus wallichiana</i> attenuates lipopolysacchride induced oxidative stress, apoptosis and neuronal death. <i>NeuroToxicology</i> , 2019 , 73, 100-111	4.4	4
49	Predicting E3 Ubiquitin Ligases as Possible Promising Biomarkers for Brain Tumors 2019 , 43-72		1
48	Emerging role of circulating microRNA in the diagnosis of human infectious diseases. <i>Journal of Cellular Physiology</i> , 2019 , 234, 1030-1043	7	37
47	Unraveling the evolutionary origin of ELR motif using fish CXC chemokine CXCL8. <i>Fish and Shellfish Immunology</i> , 2019 , 93, 17-27	4.3	13
46	Salubrinal attenuates nitric oxide mediated PERK:IRE1-ATF-6 signaling and DNA damage in neuronal cells. <i>Neurochemistry International</i> , 2019 , 131, 104581	4.4	10

45	LRSAM1 E3 ubiquitin ligase: molecular neurobiological perspectives linked with brain diseases. <i>Cellular and Molecular Life Sciences</i> , 2019 , 76, 2093-2110	10.3	4
44	Discovery of a potent small molecule inhibiting Huntington's disease (HD) pathogenesis via targeting CAG repeats RNA and Poly Q protein. <i>Scientific Reports</i> , 2019 , 9, 16872	4.9	16
43	Neglected Agent Eminent Disease: Linking Human Helminthic Infection, Inflammation, and Malignancy. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 402	5.9	14
42	Combinatorial screening algorithm to engineer multi-epitope subunit vaccine targeting human T-lymphotropic virus-1 infection. <i>Journal of Cellular Physiology</i> , 2019 , 234, 8717-8726	7	3
41	Amyloids of multiple species: are they helpful in survival?. <i>Biological Reviews</i> , 2018 , 93, 1363-1386	13.5	6
40	Excavating chikungunya genome to design B and T cell multi-epitope subunit vaccine using comprehensive immunoinformatics approach to control chikungunya infection. <i>Infection, Genetics and Evolution</i> , 2018 , 61, 4-15	4.5	51
39	Lanosterol Suppresses the Aggregation and Cytotoxicity of Misfolded Proteins Linked with Neurodegenerative Diseases. <i>Molecular Neurobiology</i> , 2018 , 55, 1169-1182	6.2	20
38	Molecular Neuro-Pathomechanism of Neurocysticercosis: How Host Genetic Factors Influence Disease Susceptibility. <i>Molecular Neurobiology</i> , 2018 , 55, 1019-1025	6.2	8
37	Indomethacin elicits proteasomal dysfunctions develops apoptosis through mitochondrial abnormalities. <i>Journal of Cellular Physiology</i> , 2018 , 233, 1685-1699	7	8
36	Designing B- and T-cell multi-epitope based subunit vaccine using immunoinformatics approach to control Zika virus infection. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 7631-7642	4.7	49
35	Proteasome-mediated proteostasis: Novel medicinal and pharmacological strategies for diseases. <i>Medicinal Research Reviews</i> , 2018 , 38, 1916-1973	14.4	17
34	Myricetin Reduces Toxic Level of CAG Repeats RNA in Huntington's Disease (HD) and Spinocerebellar Ataxia (SCAs). <i>ACS Chemical Biology</i> , 2018 , 13, 180-188	4.9	27
33	Elucidating Protein-protein Interactions Through Computational Approaches and Designing Small Molecule Inhibitors Against them for Various Diseases. <i>Current Topics in Medicinal Chemistry</i> , 2018 , 18, 1719-1736	3	6
32	Examination of antigenic proteins of <i>Trypanosoma cruzi</i> to fabricate an epitope-based subunit vaccine by exploiting epitope mapping mechanism. <i>Vaccine</i> , 2018 , 36, 6290-6300	4.1	11
31	Gp78 involvement in cellular proliferation: Can act as a promising modulator for cell cycle regulatory proteins?. <i>Journal of Cellular Physiology</i> , 2018 , 233, 6352-6368	7	0
30	Progressing neurobiological strategies against proteostasis failure: Challenges in neurodegeneration. <i>Progress in Neurobiology</i> , 2017 , 159, 1-38	10.9	21
29	Exploring dengue genome to construct a multi-epitope based subunit vaccine by utilizing immunoinformatics approach to battle against dengue infection. <i>Scientific Reports</i> , 2017 , 7, 9232	4.9	155
28	Proteasomal Dysfunction Induced By Diclofenac Engenders Apoptosis Through Mitochondrial Pathway. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 1014-1027	4.7	10

27	Gp78 E3 Ubiquitin Ligase: Essential Functions and Contributions in Proteostasis. <i>Frontiers in Cellular Neuroscience</i> , 2017 , 11, 259	6.1	22
26	Micromanagement of Immune System: Role of miRNAs in Helminthic Infections. <i>Frontiers in Microbiology</i> , 2017 , 8, 586	5.7	33
25	E3 Ubiquitin Ligases Neurobiological Mechanisms: Development to Degeneration. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 151	6.1	39
24	Molecular and Cellular Insights: Neuroinflammation and Amyotrophic Lateral Sclerosis 2016 , 209-230		1
23	Ibuprofen Induces Mitochondrial-Mediated Apoptosis Through Proteasomal Dysfunction. <i>Molecular Neurobiology</i> , 2016 , 53, 6968-6981	6.2	14
22	Mahogunin ring finger 1 confers cytoprotection against mutant SOD1 aggresomes and is defective in an ALS mouse model. <i>Neurobiology of Disease</i> , 2016 , 86, 16-28	7.5	15
21	Mahogunin Ring Finger-1 (MGRN1), a Multifaceted Ubiquitin Ligase: Recent Unraveling of Neurobiological Mechanisms. <i>Molecular Neurobiology</i> , 2016 , 53, 4484-96	6.2	18
20	A Decade of Boon or Burden: What Has the CHIP Ever Done for Cellular Protein Quality Control Mechanism Implicated in Neurodegeneration and Aging?. <i>Frontiers in Molecular Neuroscience</i> , 2016 , 9, 93	6.1	34
19	Evidences for Piperine inhibiting cancer by targeting human G-quadruplex DNA sequences. <i>Scientific Reports</i> , 2016 , 6, 39239	4.9	50
18	Selective multifaceted E3 ubiquitin ligases barricade extreme defense: Potential therapeutic targets for neurodegeneration and ageing. <i>Ageing Research Reviews</i> , 2015 , 24, 138-59	12	17
17	Mahogunin ring finger 1 suppresses misfolded polyglutamine aggregation and cytotoxicity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014 , 1842, 1472-84	6.9	24
16	Ubiquitin ligase ITCH recruitment suppresses the aggregation and cellular toxicity of cytoplasmic misfolded proteins. <i>Scientific Reports</i> , 2014 , 4, 5077	4.9	18
15	Autophagy coupling interplay: can improve cellular repair and aging?. <i>Molecular Neurobiology</i> , 2014 , 49, 1270-81	6.2	15
14	E6-AP association promotes SOD1 aggresomes degradation and suppresses toxicity. <i>Neurobiology of Aging</i> , 2013 , 34, 1310.e11-23	5.6	25
13	Misfolded proteins recognition strategies of E3 ubiquitin ligases and neurodegenerative diseases. <i>Molecular Neurobiology</i> , 2013 , 47, 302-12	6.2	25
12	Protein quality control system in neurodegeneration: a healing company hard to beat but failure is fatal. <i>Molecular Neurobiology</i> , 2013 , 48, 141-56	6.2	23
11	Mahogunin ring finger-1 (MGRN1) suppresses chaperone-associated misfolded protein aggregation and toxicity. <i>Scientific Reports</i> , 2013 , 3, 1972	4.9	34
10	E3 ubiquitin ligases in protein quality control mechanism. <i>Molecular Neurobiology</i> , 2012 , 45, 571-85	6.2	21

9	The ubiquitin ligase E6-AP is induced and recruited to aggresomes in response to proteasome inhibition and may be involved in the ubiquitination of Hsp70-bound misfolded proteins. <i>Journal of Biological Chemistry</i> , 2009 , 284, 10537-45	5.4	70
8	UBE3A/E6-AP regulates cell proliferation by promoting proteasomal degradation of p27. <i>Neurobiology of Disease</i> , 2009 , 36, 26-34	7.5	65
7	Induction of chemokines, MCP-1, and KC in the mutant huntingtin expressing neuronal cells because of proteasomal dysfunction. <i>Journal of Neurochemistry</i> , 2009 , 108, 787-95	6	15
6	E6-AP promotes misfolded polyglutamine proteins for proteasomal degradation and suppresses polyglutamine protein aggregation and toxicity. <i>Journal of Biological Chemistry</i> , 2008 , 283, 7648-56	5.4	67
5	Curcumin induces stress response, neurite outgrowth and prevent NF-kappaB activation by inhibiting the proteasome function. <i>Neurotoxicity Research</i> , 2006 , 9, 29-37	4.3	56
4	Expression of expanded polyglutamine proteins suppresses the activation of transcription factor NFkappaB. <i>Journal of Biological Chemistry</i> , 2006 , 281, 37017-24	5.4	14
3	Aspirin induces apoptosis through the inhibition of proteasome function. <i>Journal of Biological Chemistry</i> , 2006 , 281, 29228-35	5.4	94
2	Oxidative stress promotes mutant huntingtin aggregation and mutant huntingtin-dependent cell death by mimicking proteasomal malfunction. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 342, 184-90	3.4	91
1	Curcumin enhances the polyglutamine-expanded truncated N-terminal huntingtin-induced cell death by promoting proteasomal malfunction. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 342, 1323-8	3.4	27