

Shamprasad Varija Raghu

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

784
citations

840585

11
h-index

552653

26
g-index

33
all docs

33
docs citations

33
times ranked

706
citing authors

#	ARTICLE	IF	CITATIONS
1	ON and OFF pathways in Drosophila motion vision. <i>Nature</i> , 2010, 468, 300-304.	13.7	303
2	Columnar cells necessary for motion responses of wide-field visual interneurons in Drosophila. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2012, 198, 389-395.	0.7	99
3	Candidate Glutamatergic Neurons in the Visual System of Drosophila. <i>PLoS ONE</i> , 2011, 6, e19472.	1.1	59
4	Synaptic organization of lobula plate tangential cells in Drosophila: \hat{I}^3 -Aminobutyric acid receptors and chemical release sites. <i>Journal of Comparative Neurology</i> , 2007, 502, 598-610.	0.9	43
5	Neurons with cholinergic phenotype in the visual system of <i>Drosophila</i> . <i>Journal of Comparative Neurology</i> , 2011, 519, 162-176.	0.9	34
6	Preserving Neural Function under Extreme Scaling. <i>PLoS ONE</i> , 2013, 8, e71540.	1.1	31
7	Neurons with GABAergic phenotype in the visual system of <i>Drosophila</i> . <i>Journal of Comparative Neurology</i> , 2013, 521, 252-265.	0.9	30
8	Synaptic Organization of Lobula Plate Tangential Cells in <i>Drosophila</i> : \hat{I}^7 Cholinergic Receptors. <i>Journal of Neurogenetics</i> , 2009, 23, 200-209.	0.6	29
9	Synthesis of novel 5-(2,5-bis(2,2,2-trifluoroethoxy)phenyl)-1,3,4-oxadiazole-2-thiol derivatives as potential glucosidase inhibitors. <i>Bioorganic Chemistry</i> , 2021, 114, 105046.	2.0	27
10	Colorimetric \hat{I}^{off} fluorescent probe for selective detection of toxic Hg ²⁺ based on rhodamine and its application for in-vivo bioimaging. <i>Microchemical Journal</i> , 2021, 166, 106233.	2.3	19
11	A zinc-finger fusion protein refines Gal4-defined neural circuits. <i>Molecular Brain</i> , 2018, 11, 46.	1.3	16
12	Concomitant changes in radiation resistance and trehalose levels during life stages of <i>Drosophila melanogaster</i> suggest radio-protective function of trehalose. <i>International Journal of Radiation Biology</i> , 2018, 94, 576-589.	1.0	11
13	Levels and fluxes in enzymatic antioxidants following gamma irradiation are inadequate to confer radiation resistance in <i>Drosophila melanogaster</i> . <i>Molecular Biology Reports</i> , 2018, 45, 1175-1186.	1.0	11
14	Radioprotective role of uric acid: evidence from studies in <i>Drosophila</i> and human dermal fibroblast cells. <i>Molecular Biology Reports</i> , 2020, 47, 2427-2436.	1.0	11
15	<i>Hsp70</i> overexpression in <i>Drosophila</i> hemocytes attenuates benzene-induced immune and developmental toxicity via regulating ROS/JNK signaling pathway. <i>Environmental Toxicology</i> , 2022, 37, 1723-1739.	2.1	11
16	Curcumin nanocrystals attenuate cyclophosphamide-induced testicular toxicity in mice. <i>Toxicology and Applied Pharmacology</i> , 2021, 433, 115772.	1.3	8
17	<i>Hsp27</i> , a potential EcR target, protects nonylphenol-induced cellular and organismal toxicity in <i>Drosophila melanogaster</i> . <i>Environmental Pollution</i> , 2022, 293, 118484.	3.7	8
18	Traditionally Used Natural Products in Preventing Ionizing Radiation-Induced. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 22, 64-82.	0.9	5

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19	Alkoxy glycerol enhanced activity of Oxyresveratrol in Alzheimer's disease by rescuing Tau protein. <i>Neuroscience Letters</i> , 2021, 759, 135981.	1.0	4
20	Quinoline Derivative Enhances Human Sperm Motility and Improves the Functional Competence. <i>Reproductive Sciences</i> , 2021, 28, 1316-1332.	1.1	3
21	Study of Serum Zinc and Copper Levels and Tumor Pathology: A Pilot Study in People Affected with Head and Neck Cancers. <i>Indian Journal of Otolaryngology and Head and Neck Surgery</i> , 2022, 74, 6007-6015.	0.3	3
22	Medicinal plants in mitigating electromagnetic radiation-induced neuronal damage: a concise review. <i>Electromagnetic Biology and Medicine</i> , 2021, , 1-14.	0.7	3
23	Dietary agents in mitigating chemotherapy-related cognitive impairment (chemobrain or chemofog): first review addressing the benefits, gaps, challenges and ways forward. <i>Food and Function</i> , 2021, 12, 11132-11153.	2.1	3
24	Aqueous Extract of <i>Emblica officinalis</i> Linn (Indian gooseberry) in Combination with Iodine is More Efficacious than Iodine Alone in Mitigating Mucositis in Head and Neck Cancer Patients Undergoing Curative Radiotherapy: Retrospective Observations. <i>Indian Journal of Otolaryngology and Head and Neck Surgery</i> , 0, , 1.	0.3	3
25	Utility of Indian fruits in cancer prevention and treatment: Time to undertake translational and bedside studies. <i>Current Pharmaceutical Design</i> , 2022, 28, .	0.9	3
26	ON and OFF Pathways in <i>Drosophila</i> Motion Detection. <i>E-Neuroforum</i> , 2011, 17, 30-32.	0.2	2
27	Indian Indigenous Fruits as Radioprotective Agents: Past, Present and Future. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 22, 53-63.	0.9	2
28	$\text{A}\beta_{242}$ Expressing <i>Drosophila melanogaster</i> Model for Alzheimer's Disease: Quantitative Proteomics Identifies Altered Protein Dynamics of Relevance to Neurodegeneration. <i>OMICS A Journal of Integrative Biology</i> , 2022, , .	1.0	2
29	Toxicological Profiling of Onion-Peel-Derived Mesoporous Carbon Nanospheres Using In Vivo <i>Drosophila melanogaster</i> Model. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1528.	1.3	1
30	A Comparative Study of Crystallography and Defect Structure of Corneal Nipple Array in <i>Daphnia pulex</i> Moth and <i>Papilio polytes</i> Butterfly Eye. <i>ACS Omega</i> , 2020, 5, 23662-23671.	1.6	0
31	Design, Synthesis and Biological Evaluation of Novel Thiazolidinone Derivatives. <i>Asian Journal of Chemistry</i> , 2021, 33, 2379-2385.	0.1	0
32	Cuticular Sensilla on the Larval Mouthparts of Antlion <i>Myrmeleon</i> sp. and Its Role in Predatory Behavior. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 0, , 1.	0.4	0