

Natarajan Perumal

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

443
citations

933447

10
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

500
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of the HTRA2 Protease Activity by an Inhibitory Antibody-Derived Peptide Ligand and the Influence on HTRA2-Specific Protein Interaction Networks in Retinal Tissues. <i>Biomedicines</i> , 2021, 9, 1013.	3.2	7
2	Cyp2c44 epoxygenase-derived epoxyeicosatrienoic acids in vascular smooth muscle cells elicit vasoconstriction of the murine ophthalmic artery. <i>Scientific Reports</i> , 2021, 11, 18764.	3.3	1
3	Longitudinal CSF proteome profiling in mice to uncover the acute and sustained mechanisms of action of rapid acting antidepressant (2R,6R)-hydroxynorketamine (HNK). <i>Neurobiology of Stress</i> , 2021, 15, 100404.	4.0	8
4	Proteomics Reveals the Potential Protective Mechanism of Hydrogen Sulfide on Retinal Ganglion Cells in an Ischemia/Reperfusion Injury Animal Model. <i>Pharmaceuticals</i> , 2020, 13, 213.	3.8	8
5	Bioenergetic shift and actin cytoskeleton remodelling as acute vascular adaptive mechanisms to angiotensin II in murine retina and ophthalmic artery. <i>Redox Biology</i> , 2020, 34, 101597.	9.0	17
6	Synthetic Polyclonal-Derived CDR Peptides as an Innovative Strategy in Glaucoma Therapy. <i>Journal of Clinical Medicine</i> , 2019, 8, 1222.	2.4	11
7	Comparative Quantitative Analysis of Porcine Optic Nerve Head and Retina Subproteomes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4229.	4.1	6
8	An In-Depth View of the Porcine Trabecular Meshwork Proteome. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2526.	4.1	4
9	Sample Preparation for Mass-spectrometry-based Proteomics Analysis of Ocular Microvessels. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	10
10	Comparison of Two Solid-Phase Extraction (SPE) Methods for the Identification and Quantification of Porcine Retinal Protein Markers by LC-MS/MS. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3847.	4.1	36
11	Proteomics Unravels the Regulatory Mechanisms in Human Tears Following Acute Renouncement of Contact Lens Use: A Comparison between Hard and Soft Lenses. <i>Scientific Reports</i> , 2018, 8, 11526.	3.3	22
12	The potential impact of recent insights into proteomic changes associated with glaucoma. <i>Expert Review of Proteomics</i> , 2017, 14, 311-334.	3.0	18
13	In-Depth Proteomic Analysis of the Porcine Retina by Use of a four Step Differential Extraction Bottom up LC MS Platform. <i>Molecular Neurobiology</i> , 2017, 54, 7262-7275.	4.0	9
14	Peptides of the variable IgG domain as potential biomarker candidates in primary open-angle glaucoma (POAG). <i>Human Molecular Genetics</i> , 2017, 26, 4451-4464.	2.9	26
15	Glaucoma related Proteomic Alterations in Human Retina Samples. <i>Scientific Reports</i> , 2016, 6, 29759.	3.3	46
16	First insight into the proteome landscape of the porcine short posterior ciliary arteries: Key signalling pathways maintaining physiologic functions. <i>Scientific Reports</i> , 2016, 6, 38298.	3.3	10
17	Neuroprotective effects of antibodies on retinal ganglion cells in an adolescent retina organ culture. <i>Journal of Neurochemistry</i> , 2016, 139, 256-269.	3.9	26
18	Proteomics analysis of human tears from aqueous-deficient and evaporative dry eye patients. <i>Scientific Reports</i> , 2016, 6, 29629.	3.3	98

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19	Analysis of the effects of preservative-free tafluprost on the tear proteome. American Journal of Translational Research (discontinued), 2016, 8, 4025-4039.	0.0	7
20	Characterization of human reflex tear proteome reveals high expression of lacrimal proline-rich protein 4 (PRR4). Proteomics, 2015, 15, 3370-3381.	2.2	46
21	Characterization of lacrimal proline-rich protein 4 (<sc>PRR</sc>4) in human tear proteome. Proteomics, 2014, 14, 1698-1709.	2.2	27