

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	Proteomics analysis of human tears from aqueous-deficient and evaporative dry eye patients. Scientific Reports, 2016, 6, 29629.	3.3	98
2	Characterization of human reflex tear proteome reveals high expression of lacrimal proline-rich protein 4 (PRR4). Proteomics, 2015, 15, 3370-3381.	2.2	46
3	Glaucoma related Proteomic Alterations in Human Retina Samples. Scientific Reports, 2016, 6, 29759.	3.3	46
4	Comparison of Two Solid-Phase Extraction (SPE) Methods for the Identification and Quantification of Porcine Retinal Protein Markers by LC-MS/MS. International Journal of Molecular Sciences, 2018, 19, 3847.	4.1	36
5	Characterization of lacrimal proline-rich protein 4 (<sc>PRR</sc>4) in human tear proteome. Proteomics, 2014, 14, 1698-1709.	2.2	27
6	Neuroprotective effects of antibodies on retinal ganglion cells in an adolescent retina organ culture. Journal of Neurochemistry, 2016, 139, 256-269.	3.9	26
7	Peptides of the variable IgG domain as potential biomarker candidates in primary open-angle glaucoma (POAG). Human Molecular Genetics, 2017, 26, 4451-4464.	2.9	26
8	Proteomics Unravels the Regulatory Mechanisms in Human Tears Following Acute Renouncement of Contact Lens Use: A Comparison between Hard and Soft Lenses. Scientific Reports, 2018, 8, 11526.	3.3	22
9	The potential impact of recent insights into proteomic changes associated with glaucoma. Expert Review of Proteomics, 2017, 14, 311-334.	3.0	18
10	Bioenergetic shift and actin cytoskeleton remodelling as acute vascular adaptive mechanisms to angiotensin II in murine retina and ophthalmic artery. Redox Biology, 2020, 34, 101597.	9.0	17
11	Synthetic Polyclonal-Derived CDR Peptides as an Innovative Strategy in Glaucoma Therapy. Journal of Clinical Medicine, 2019, 8, 1222.	2.4	11
12	First insight into the proteome landscape of the porcine short posterior ciliary arteries: Key signalling pathways maintaining physiologic functions. Scientific Reports, 2016, 6, 38298.	3.3	10
13	Sample Preparation for Mass-spectrometry-based Proteomics Analysis of Ocular Microvessels. Journal of Visualized Experiments, 2019, , .	0.3	10
14	In-Depth Proteomic Analysis of the Porcine Retina by Use of a four Step Differential Extraction Bottom up LC MS Platform. Molecular Neurobiology, 2017, 54, 7262-7275.	4.0	9
15	Proteomics Reveals the Potential Protective Mechanism of Hydrogen Sulfide on Retinal Ganglion Cells in an Ischemia/Reperfusion Injury Animal Model. Pharmaceuticals, 2020, 13, 213.	3.8	8
16	Longitudinal CSF proteome profiling in mice to uncover the acute and sustained mechanisms of action of rapid acting antidepressant (2R,6R)-hydroxynorketamine (HNK). Neurobiology of Stress, 2021, 15, 100404.	4.0	8
17	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. Biomedicines, 2021, 9, 1013.	3.2	7
18	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

#	ARTICLE	IF	CITATIONS
19	Comparative Quantitative Analysis of Porcine Optic Nerve Head and Retina Subproteomes. International Journal of Molecular Sciences, 2019, 20, 4229.	4.1	6
20	An In-Depth View of the Porcine Trabecular Meshwork Proteome. International Journal of Molecular Sciences, 2019, 20, 2526.	4.1	4
21	Cyp2c44 epoxygenase-derived epoxyeicosatrienoic acids in vascular smooth muscle cells elicit vasoconstriction of the murine ophthalmic artery. Scientific Reports, 2021, 11, 18764.	3.3	1