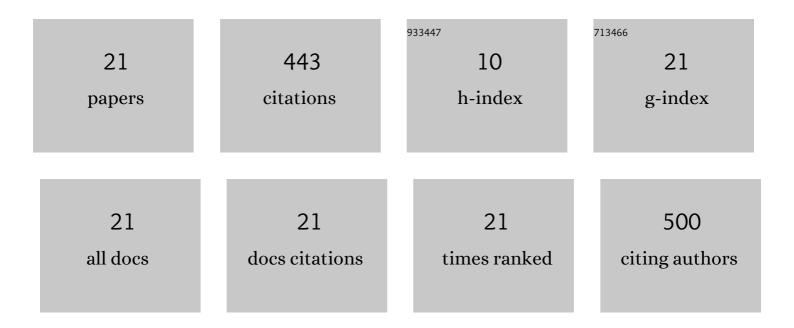
Natarajan Perumal

List of Publications by Year in descending order

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#	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. Biomedicines, 2021, 9, 1013.	3.2	7
2	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
3	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
4	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
5	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
6	Synthetic Polyclonal-Derived CDR Peptides as an Innovative Strategy in Glaucoma Therapy. Journal of Clinical Medicine, 2019, 8, 1222.	2.4	11
7	Comparative Quantitative Analysis of Porcine Optic Nerve Head and Retina Subproteomes. International Journal of Molecular Sciences, 2019, 20, 4229.	4.1	6
8	An In-Depth View of the Porcine Trabecular Meshwork Proteome. International Journal of Molecular Sciences, 2019, 20, 2526.	4.1	4
9	Sample Preparation for Mass-spectrometry-based Proteomics Analysis of Ocular Microvessels. Journal of Visualized Experiments, 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. International Journal of Molecular Sciences, 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. Scientific Reports, 2018, 8, 11526.	3.3	22
12	The potential impact of recent insights into proteomic changes associated with glaucoma. Expert Review of Proteomics, 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. Molecular Neurobiology, 2017, 54, 7262-7275.	4.0	9
14	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
15	Glaucoma related Proteomic Alterations in Human Retina Samples. Scientific Reports, 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. Scientific Reports, 2016, 6, 38298.	3.3	10
17	Neuroprotective effects of antibodies on retinal ganglion cells in an adolescent retina organ culture. Journal of Neurochemistry, 2016, 139, 256-269.	3.9	26
18	Proteomics analysis of human tears from aqueous-deficient and evaporative dry eye patients. Scientific Reports, 2016, 6, 29629.	3.3	98

#	Article	IF	CITATIONS
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 prolineâ€rich protein 4 (PRR4). Proteomics, 2015, 15, 3370-3381.	2.2	46
21	Characterization of lacrimal prolineâ€rich protein 4 (<scp>PRR</scp> 4) in human tear proteome. Proteomics, 2014, 14, 1698-1709.	2.2	27