

# Raghavan Raju

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

2,299  
citations

257450

24  
h-index

223800

46  
g-index

57  
all docs

57  
docs citations

57  
times ranked

3053  
citing authors

#	ARTICLE	IF	CITATIONS
1	Placebo-controlled trial of rituximab in IgM anti-“myelin”associated glycoprotein antibody demyelinating neuropathy. <i>Annals of Neurology</i> , 2009, 65, 286-293.	5.3	274
2	Mitochondrial function in hypoxic ischemic injury and influence of aging. <i>Progress in Neurobiology</i> , 2017, 157, 92-116.	5.7	259
3	Sirtuin regulation in aging and injury. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 2442-2455.	3.8	199
4	Gene expression profile in the muscles of patients with inflammatory myopathies: effect of therapy with IVIg and biological validation of clinically relevant genes. <i>Brain</i> , 2005, 128, 1887-1896.	7.6	144
5	Autoimmunity to GABAA-receptor-associated protein in stiff-person syndrome. <i>Brain</i> , 2006, 129, 3270-3276.	7.6	116
6	Stiff person syndrome with cerebellar disease and high-titer anti-GAD antibodies. <i>Neurology</i> , 2006, 67, 1068-1070.	1.1	95
7	Inclusion body myositis with human immunodeficiency virus infection: Four cases with clonal expansion of viral-specific T cells. <i>Annals of Neurology</i> , 2007, 61, 466-475.	5.3	79
8	Immune response modulation by curcumin in a latex allergy model. <i>Clinical and Molecular Allergy</i> , 2007, 5, 1.	1.8	64
9	Aging and Injury: Alterations in Cellular Energetics and Organ Function. , 2014, 5, 101-8.		58
10	Resveratrol Improves Cardiac Contractility following Trauma-Hemorrhage by Modulating Sirt1. <i>Molecular Medicine</i> , 2012, 18, 209-214.	4.4	56
11	Activation of endoplasmic reticulum stress response following trauma-hemorrhage. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2008, 1782, 621-626.	3.8	51
12	Sex Steroids/Receptor Antagonist: Their Use as Adjuncts After Trauma-Hemorrhage for Improving Immune/Cardiovascular Responses and for Decreasing Mortality from Subsequent Sepsis. <i>Anesthesia and Analgesia</i> , 2008, 107, 159-166.	2.2	50
13	GNE mutations in an American family with quadriceps-sparing IBM and lack of mutations in s-IBM. <i>Neurology</i> , 2002, 59, 1776-1779.	1.1	49
14	Estrogen: A Novel Therapeutic Adjunct for the Treatment of Trauma-Hemorrhage-Induced Immunological Alterations. <i>Molecular Medicine</i> , 2008, 14, 213-221.	4.4	47
15	MicroRNA-34a (miR-34a) Mediates Retinal Endothelial Cell Premature Senescence through Mitochondrial Dysfunction and Loss of Antioxidant Activities. <i>Antioxidants</i> , 2019, 8, 328.	5.1	45
16	Resveratrol Suppresses Expression of VEGF by Human Retinal Pigment Epithelial Cells: Potential Nutraceutical for Age-related Macular Degeneration. , 2014, 5, 88-100.		44
17	Selective inhibition of iNOS attenuates trauma-hemorrhage/resuscitation-induced hepatic injury. <i>Journal of Applied Physiology</i> , 2008, 105, 1076-1082.	2.5	42
18	Effect of Estrogen on Mitochondrial Function and Intracellular Stress Markers in Rat Liver and Kidney following Trauma-Hemorrhagic Shock and Prolonged Hypotension. <i>Molecular Medicine</i> , 2010, 16, 254-261.	4.4	40

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19	Regulation of NAD <sup>+</sup> metabolism in aging and disease. <i>Metabolism: Clinical and Experimental</i> , 2022, 126, 154923.	3.4	40
20	HYPOXIA-INDUCED ALTERATION OF MITOCHONDRIAL GENES IN CARDIOMYOCYTES. <i>Shock</i> , 2010, 34, 169-175.	2.1	34
21	Flutamide protects against trauma-hemorrhage-induced liver injury via attenuation of the inflammatory response, oxidative stress, and apoptosis. <i>Journal of Applied Physiology</i> , 2008, 105, 595-602.	2.5	32
22	Resveratrol Restores Sirtuin 1 (SIRT1) Activity and Pyruvate Dehydrogenase Kinase 1 (PDK1) Expression after Hemorrhagic Injury in a Rat Model. <i>Molecular Medicine</i> , 2014, 20, 10-16.	4.4	31
23	Aging Influences Cardiac Mitochondrial Gene Expression and Cardiovascular Function following Hemorrhage Injury. <i>Molecular Medicine</i> , 2011, 17, 542-549.	4.4	27
24	Upregulation of thrombospondin-1 (TSP-1) and its binding partners, CD36 and CD47, in sporadic inclusion body myositis. <i>Journal of Neuroimmunology</i> , 2007, 187, 166-174.	2.3	26
25	Immunobiology of Stiff-Person Syndrome. <i>International Reviews of Immunology</i> , 2008, 27, 79-92.	3.3	25
26	Anosmin-1 involved in neuronal cell migration is hypoxia inducible and cancer regulated. <i>Cell Cycle</i> , 2009, 8, 3770-3776.	2.6	25
27	Provision of an explanation for the inefficacy of immunotherapy in sporadic inclusion body myositis: Quantitative assessment of inflammation and $\beta$ -amyloid in the muscle. <i>Arthritis and Rheumatism</i> , 2012, 64, 4094-4103.	6.7	25
28	Modulation of insulinitis and type 1 diabetes by transgenic HLA-DR3 and DQ8 in NOD mice lacking endogenous MHC class II. <i>Human Immunology</i> , 2002, 63, 987-999.	2.4	23
29	Influence of aging and hemorrhage injury on Sirt1 expression: Possible role of myc-Sirt1 regulation in mitochondrial function. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 1446-1451.	3.8	23
30	Resveratrol Improves Survival and Prolongs Life Following Hemorrhagic Shock. <i>Molecular Medicine</i> , 2015, 21, 305-312.	4.4	22
31	Mitochondrial dysfunction in rat splenocytes following hemorrhagic shock. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2526-2533.	3.8	22
32	Mitochondrial targeting by dichloroacetate improves outcome following hemorrhagic shock. <i>Scientific Reports</i> , 2017, 7, 2671.	3.3	19
33	NLRX1 Regulation Following Acute Mitochondrial Injury. <i>Frontiers in Immunology</i> , 2019, 10, 2431.	4.8	19
34	Suppression of Activation and Costimulatory Signaling in Splenic CD4 <sup>+</sup> T Cells after Trauma-Hemorrhage Reduces T-Cell Function. <i>American Journal of Pathology</i> , 2009, 175, 1504-1514.	3.8	17
35	Rapid senescence-like response after acute injury. <i>Aging Cell</i> , 2020, 19, e13201.	6.7	17
36	Immune and metabolic alterations following trauma and sepsis – An overview. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2523-2525.	3.8	16

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37	Alteration of cytokine profile following hemorrhagic shock. Cytokine, 2016, 81, 35-38.	3.2	15
38	Effect of plasma-derived extracellular vesicles on erythrocyte deformability in polymicrobial sepsis. International Immunopharmacology, 2018, 65, 244-247.	3.8	14
39	Deficiency of metabolite sensing receptor HCA2 impairs the salutary effect of niacin in hemorrhagic shock. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 688-695.	3.8	13
40	Profile of Gene Expression in a Murine Model of Allergic Bronchopulmonary Aspergillosis. Infection and Immunity, 2005, 73, 4381-4384.	2.2	12
41	A Focused Microarray to Study Human Mitochondrial and Nuclear Gene Expression. Biological Research for Nursing, 2008, 9, 272-279.	1.9	12
42	Kidney-targeted inhibition of protein kinase C- $\beta$ ameliorates nephrotoxic nephritis with restoration of mitochondrial dysfunction. Kidney International, 2018, 94, 280-291.	5.2	12
43	A Combination Treatment Strategy for Hemorrhagic Shock in a Rat Model Modulates Autophagy. Frontiers in Medicine, 2019, 6, 281.	2.6	10
44	The Mitoscriptome in Aging and Disease. , 2011, 2, 174-180.		9
45	Fatigue-Related Gene Networks Identified in CD14 <sup>+</sup> Cells Isolated From HIV-Infected Patientsâ€™Part I. Biological Research for Nursing, 2013, 15, 137-151.	1.9	8
46	Transforming growth factor- $\beta$ 2 regulates the expression of anosmin (KAL-1) in human retinal pigment epithelial cells. Cytokine, 2013, 61, 724-727.	3.2	7
47	BACH1-Hemoxygenase-1 axis regulates cellular energetics and survival following sepsis. Free Radical Biology and Medicine, 2022, 188, 134-145.	2.9	6
48	Tracking the â€˜Generalâ€™™: tagging skin-derived dendritic cells. Trends in Biotechnology, 2004, 22, 58-59.	9.3	5
49	Absence of upregulated genes associated with protein accumulations in desmin myopathy. Muscle and Nerve, 2007, 35, 386-388.	2.2	5
50	Pulmonary function changes in older adults with and without metabolic syndrome. Scientific Reports, 2021, 11, 17337.	3.3	5
51	Dysregulation of cellular energetics in Gulf War Illness. Toxicology, 2021, 461, 152894.	4.2	5
52	Juvenile Plasma Factors Improve Organ Function and Survival following Injury by Promoting Antioxidant Response. , 2022, 13, 568.		3
53	Fatigue-Related Gene Networks Identified in CD14 <sup>+</sup> Cells Isolated From HIV-Infected Patientsâ€™Part II. Biological Research for Nursing, 2013, 15, 152-159.	1.9	2
54	Experimental Models of Sepsis and Non-Infectious SIRS. , 0, , 373-389.		1

#	ARTICLE	IF	CITATIONS
55	Sirtuin. , 2016, , 1-5.		0
56	Sirtuin. , 2018, , 4976-4980.		0