

# Kalaiselvi Periandavan

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

967  
citations

430754

18  
h-index

454834

30  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1279  
citing authors

#	ARTICLE	IF	CITATIONS
1	Attenuation of senescence-induced oxidative exacerbations in aged rat brain by (âˆ“)â€šepigallocatechinâ€šgallate. <i>International Journal of Developmental Neuroscience</i> , 2008, 26, 217-223.	0.7	111
2	Hesperidin-mediated expression of Nrf2 and upregulation of antioxidant status in senescent rat heart. <i>Journal of Pharmacy and Pharmacology</i> , 2012, 64, 1472-1482.	1.2	90
3	Repletion of antioxidant status by EGCG and retardation of oxidative damage induced macromolecular anomalies in aged rats. <i>Experimental Gerontology</i> , 2008, 43, 176-183.	1.2	71
4	Mitochondrial alterations in aging rat brain: effective role of (âˆ“)â€šepigallo catechin gallate. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 223-231.	0.7	65
5	Impact of EGCG Supplementation on the Progression of Diabetic Nephropathy in Rats: An Insight into Fibrosis and Apoptosis. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 8028-8036.	2.4	40
6	Salubrious effect of C-phycoyanin against oxalate-mediated renal cell injury. <i>Clinica Chimica Acta</i> , 2004, 348, 199-205.	0.5	39
7	Beneficial effect of vitamin E supplementation on the biochemical and kinetic properties of Tammâ€“Horsfall glycoprotein in hypertensive and hyperoxaluric patients. <i>Nephrology Dialysis Transplantation</i> , 2005, 20, 1407-1415.	0.4	39
8	Impact of epigallo catechin-3-gallate on acetylcholine-acetylcholine esterase cycle in aged rat brain. <i>Neurochemistry International</i> , 2012, 60, 517-522.	1.9	38
9	Prophylactic role of phycoyanin: a study of oxalate mediated renal cell injury. <i>Chemico-Biological Interactions</i> , 2004, 149, 1-7.	1.7	37
10	Mesoporous silica incorporated PCL/Curcumin nanofiber for wound healing application. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 167, 106021.	1.9	36
11	Oxalate binding proteins in calcium oxalate nephrolithiasis. <i>Urological Research</i> , 2003, 31, 242-256.	1.5	34
12	Counteraction of oxalate induced nitrosative stress by supplementation of l-arginine, a potent antilithic agent. <i>Clinica Chimica Acta</i> , 2005, 354, 159-166.	0.5	34
13	Role of Nrf2 dysfunction in the pathogenesis of diabetic nephropathy: Therapeutic prospect of epigallocatechin-3-gallate. <i>Free Radical Biology and Medicine</i> , 2020, 160, 227-238.	1.3	33
14	<i>Morinda citrifolia</i> and Its Active Principle Scopoletin Mitigate Protein Aggregation and Neuronal Apoptosis through Augmenting the DJ-1/Nrf2/ARE Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	32
15	Attenuation of the inflammatory changes and lipid anomalies by epigallocatechin-3-gallate in hypercholesterolemic diet fed aged rats. <i>Experimental Gerontology</i> , 2009, 44, 745-751.	1.2	25
16	LOX-1, the Common Therapeutic Target in Hypercholesterolemia: A New Perspective of Antiatherosclerotic Action of Aegeline. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	25
17	Neuroprotective potential of epigallo catechin-3-gallate in PC-12 cells. <i>Neurochemical Research</i> , 2013, 38, 486-493.	1.6	21
18	Counteracting adriamycin-induced oxidative stress by administration of N-acetyl cysteine and vitamin E. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005, 43, 834-40.	1.4	19

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19	Senescence mediated redox imbalance in cardiac tissue: Antioxidant rejuvenating potential of green tea extract. <i>Nutrition</i> , 2009, 25, 847-854.	1.1	18
20	Targeting the Nrf2/ARE Signalling Pathway to Mitigate Isoproterenol-Induced Cardiac Hypertrophy: Plausible Role of Hesperetin in Redox Homeostasis. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-13.	1.9	18
21	Studies on Calcium Oxalate Binding Proteins: Effect of Lipid Peroxidation. <i>Nephron</i> , 2001, 88, 163-167.	0.9	15
22	<i>Morinda citrifolia</i> mitigates rotenone-induced striatal neuronal loss in male Sprague-Dawley rats by preventing mitochondrial pathway of intrinsic apoptosis. <i>Redox Report</i> , 2017, 22, 418-429.	1.4	14
23	Triad role of hepcidin, ferroportin, and Nrf2 in cardiac iron metabolism: From health to disease. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022, 69, 126882.	1.5	14
24	EGCG mediated downregulation of NF-AT and macrophage infiltration in experimental hepatic steatosis. <i>Experimental Gerontology</i> , 2014, 57, 96-103.	1.2	12
25	Structural and Functional Modification of THP on Nitration: Comparison with Stone Formers THP. <i>Nephron Physiology</i> , 2005, 99, p28-p34.	1.5	11
26	Amelioration of apoptotic events in the skeletal muscle of intra-nigraly rotenone-infused Parkinsonian rats by <i>Morinda citrifolia</i> up-regulation of Bcl-2 and blockage of cytochrome c release. <i>Food and Function</i> , 2016, 7, 922-937.	2.1	11
27	Preliminary investigation on ultra high diluted <i>B.Âvulgaris</i> in experimental urolithiasis. <i>Homeopathy</i> , 2013, 102, 172-178.	0.5	10
28	Beneficial Antioxidative Effect of the Homeopathic Preparation of <i>Berberis</i> & <i>vulgaris</i> in Alleviating Oxidative Stress in Experimental Urolithiasis. <i>Research in Complementary Medicine</i> , 2014, 21, 7-12.	2.2	10
29	Investigation on the early events of apoptosis in senescent erythrocytes with special emphasis on intracellular free calcium and loss of phospholipid asymmetry in chronic renal failure. <i>Clinica Chimica Acta</i> , 2007, 382, 1-7.	0.5	8
30	Bladder neoplasms and NF- $\kappa$ B: an unfathomed association. <i>Expert Review of Molecular Diagnostics</i> , 2020, 20, 497-508.	1.5	8
31	Gymnemic Acid Ameliorates Pancreatic $\beta$ -Cell Dysfunction by Modulating Pdx1 Expression: A Possible Strategy for $\beta$ -Cell Regeneration. <i>Tissue Engineering and Regenerative Medicine</i> , 2022, 19, 603-616.	1.6	7
32	Epigallocatechin-3-gallate restores the Bcl-2 expression in liver of young rats challenged with hypercholesterolemia but not in aged rats: an insight into its disparity of efficacy on advancing age. <i>Food and Function</i> , 2014, 5, 916.	2.1	6
33	Hesperidin safeguards hepatocytes from valproate-induced liver dysfunction in Sprague-Dawley rats. <i>Biomedicine and Preventive Nutrition</i> , 2014, 4, 209-217.	0.9	6
34	Oral L-arginine supplementation ameliorates urinary risk factors and kinetic modulation of Tamm-Horsfall glycoprotein in experimental hyperoxaluric rats. <i>Clinica Chimica Acta</i> , 2005, 360, 141-150.	0.5	5
35	Effect of Hyperoxaluria on the Inhibitory Activity of a 45-kD Urinary Protein. <i>Nephron</i> , 2002, 90, 206-210.	0.9	2
36	Transcriptional repression mediated by 45-kDa calcium oxalate monohydrate binding protein. <i>Clinical and Experimental Nephrology</i> , 2007, 11, 196-201.	0.7	1

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37	EGCG exerts its protective effect by mitigating the release of lysosomal enzymes in aged rat liver on exposure to high cholesterol diet. <i>Cell Biochemistry and Function</i> , 2020, 38, 309-318.	1.4	1
38	Understanding the role of homoeopathic preparation of <i>Berberis vulgaris</i> in mitigation of sodium oxalate- induced hyperoxaluria: An experimental approach. <i>Indian Journal of Research in Homoeopathy</i> , 2020, 14, 251.	0.2	1
39	Role of Phytochemicals in Eliciting Longevity Genes. , 2018, , 267-279.		0
40	A rare genetic mutation in a stone former. <i>Indian Journal of Nephrology</i> , 2021, 31, 197.	0.2	0
41	Gymnemic acid protects murine pancreatic $\beta$ cells by moderating hyperglycemic stress-induced inflammation and apoptosis in type 1 diabetic rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, , e23050.	1.4	0
42	Emerging Role of Nrf2 in Altering Cardiac Iron Metabolism during Myocardial Infarction. <i>FASEB Journal</i> , 2022, 36, .	0.2	0