

List of Publications by Year in descending order

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37
papers

787
citations

394421

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526287

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times ranked

1540
citing authors

#	ARTICLE	IF	CITATIONS
1	Diabetes abrogates sex differences and aggravates cardiometabolic risk in postmenopausal women. <i>Cardiovascular Diabetology</i> , 2013, 12, 61.	6.8	56
2	New Markers of Early Cardiovascular Risk in Multiple Sclerosis Patients: Oxidized-LDL Correlates with Clinical Staging. <i>Disease Markers</i> , 2013, 34, 341-348.	1.3	56
3	Inhibition of Bladder Tumor Growth by Chitooligosaccharides in an Experimental Carcinogenesis Model. <i>Marine Drugs</i> , 2012, 10, 2661-2675.	4.6	43
4	Methylglyoxal-induced glycation changes adipose tissue vascular architecture, flow and expansion, leading to insulin resistance. <i>Scientific Reports</i> , 2017, 7, 1698.	3.3	41
5	A positron-emission tomography (PET)/magnetic resonance imaging (MRI) platform to track <i>in vivo</i> small extracellular vesicles. <i>Nanoscale</i> , 2019, 11, 13243-13248.	5.6	40
6	A longitudinal multimodal <i>in vivo</i> molecular imaging study of the 3xTg-AD mouse model shows progressive early hippocampal and taurine loss. <i>Human Molecular Genetics</i> , 2019, 28, 2174-2188.	2.9	40
7	Differential Effects of Acute (Extenuating) and Chronic (Training) Exercise on Inflammation and Oxidative Stress Status in an Animal Model of Type 2 Diabetes Mellitus. <i>Mediators of Inflammation</i> , 2011, 2011, 1-8.	3.0	38
8	Molecular mechanisms underlying the effects of cyclosporin A and sirolimus on glucose and lipid metabolism in liver, skeletal muscle and adipose tissue in an <i>in vivo</i> rat model. <i>Biochemical Pharmacology</i> , 2014, 88, 216-228.	4.4	35
9	Markers of Increased Cardiovascular Risk in Postmenopausal Women: Focus on Oxidized-LDL and HDL Subpopulations. <i>Disease Markers</i> , 2013, 35, 85-96.	1.3	32
10	Retinal thinning of inner sub-layers is associated with cortical atrophy in a mouse model of Alzheimer's disease: a longitudinal multimodal <i>in vivo</i> study. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 90.	6.2	32
11	Chemopreventive Efficacy of Atorvastatin against Nitrosamine-Induced Rat Bladder Cancer: Antioxidant, Anti-Proliferative and Anti-Inflammatory Properties. <i>International Journal of Molecular Sciences</i> , 2012, 13, 8482-8499.	4.1	28
12	New markers of early cardiovascular risk in multiple sclerosis patients: oxidized-LDL correlates with clinical staging. <i>Disease Markers</i> , 2013, 34, 341-8.	1.3	27
13	Transition from Cyclosporine-Induced Renal Dysfunction to Nephrotoxicity in an <i>In Vivo</i> Rat Model. <i>International Journal of Molecular Sciences</i> , 2014, 15, 8979-8997.	4.1	26
14	Aquaporin-4 as a New Target against Methamphetamine-Induced Brain Alterations: Focus on the Neuroglial Unit and Motivational Behavior. <i>Molecular Neurobiology</i> , 2018, 55, 2056-2069.	4.0	25
15	Repeated Mesenchymal Stromal Cell Treatment Sustainably Alleviates Machado-Joseph Disease. <i>Molecular Therapy</i> , 2018, 26, 2131-2151.	8.2	24
16	Erythropoietin Promotes Deleterious Cardiovascular Effects and Mortality Risk in a Rat Model of Chronic Sports Doping. <i>Cardiovascular Toxicology</i> , 2009, 9, 201-210.	2.7	22
17	Omega-3 Fatty Acids Inhibit Tumor Growth in a Rat Model of Bladder Cancer. <i>BioMed Research International</i> , 2013, 2013, 1-11.	1.9	22
18	Implication of Low HDL-c Levels in Patients with Average LDL-c Levels: A Focus on Oxidized LDL, Large HDL Subpopulation, and Adiponectin. <i>Mediators of Inflammation</i> , 2013, 2013, 1-12.	3.0	21

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19	Anti-inflammatory, anti-proliferative and antioxidant profiles of selective cyclooxygenase-2 inhibition as chemoprevention for rat bladder carcinogenesis. <i>Cancer Biology and Therapy</i> , 2009, 8, 1615-1622.	3.4	19
20	Short and long term in vivo effects of Cyclosporine A and Sirolimus on genes and proteins involved in lipid metabolism in Wistar rats. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 702-715.	3.4	19
21	High-fat diet induces a neurometabolic state characterized by changes in glutamate and N-acetylaspartate pools associated with early glucose intolerance: An in vivo multimodal MRI study. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 757-766.	3.4	15
22	Gd- and Eu-Loaded Iron Oxide@Silica Core-Shell Nanocomposites as Trimodal Contrast Agents for Magnetic Resonance Imaging and Optical Imaging. <i>Inorganic Chemistry</i> , 2019, 58, 16618-16628.	4.0	15
23	The blood-brain barrier is disrupted in Machado-Joseph disease/spinocerebellar ataxia type 3: evidence from transgenic mice and human post-mortem samples. <i>Acta Neuropathologica Communications</i> , 2020, 8, 152.	5.2	15
24	Inhibition of bladder tumour growth by sirolimus in an experimental carcinogenesis model. <i>BJU International</i> , 2011, 107, 135-143.	2.5	14
25	Cyclosporine A enhances gluconeogenesis while sirolimus impairs insulin signaling in peripheral tissues after 3 weeks of treatment. <i>Biochemical Pharmacology</i> , 2014, 91, 61-73.	4.4	14
26	Peptide-lipid nanoconstructs act site-specifically towards glioblastoma growth impairment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 155, 177-189.	4.3	13
27	Preventive but Not Curative Efficacy of Celecoxib on Bladder Carcinogenesis in a Rat Model. <i>Mediators of Inflammation</i> , 2010, 2010, 1-11.	3.0	11
28	Recombinant human erythropoietin treatment protects the cardio-renal axis in a model of moderate chronic renal failure. <i>Renal Failure</i> , 2010, 32, 1073-1080.	2.1	10
29	Conversion to Sirolimus Ameliorates Cyclosporine-Induced Nephropathy in the Rat: Focus on Serum, Urine, Gene, and Protein Renal Expression Biomarkers. <i>BioMed Research International</i> , 2014, 2014, 1-17.	1.9	9
30	Emergent Biomarkers of Residual Cardiovascular Risk in Patients with Low HDL-c and/or High Triglycerides and Average LDL-c Concentrations: Focus on HDL Subpopulations, Oxidized LDL, Adiponectin, and Uric Acid. <i>Scientific World Journal</i> , The, 2013, 2013, 1-16.	2.1	7
31	Cerebellar morphometric and spectroscopic biomarkers for Machado-Joseph Disease. <i>Acta Neuropathologica Communications</i> , 2022, 10, 37.	5.2	6
32	Cardiorenal benefits of early versus late cyclosporine to sirolimus conversion in a rat model. <i>Journal of Pharmacology and Pharmacotherapeutics</i> , 2012, 3, 143-8.	0.4	5
33	Improved Characteristics of RANKL Immuno-PET Imaging Using Radiolabeled Antibody Fab Fragments. <i>Pharmaceutics</i> , 2022, 14, 939.	4.5	4
34	Response of the cerebral vasculature to systemic carbon monoxide administration—Regional differences and sexual dimorphism. <i>European Journal of Neuroscience</i> , 2020, 52, 2771-2780.	2.6	2
35	A rat model of enhanced glycation mimics cardiac phenotypic components of human type 2 diabetes : A translational study using MRI. <i>Journal of Diabetes and Its Complications</i> , 2020, 34, 107554.	2.3	1
36	Non-invasive and allele-specific gene silencing therapy for Machado-Joseph disease. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, OR244.	0.0	0

#	ARTICLE	IF	CITATIONS
37	Modulation of cerebrovascular dysfunction by dietary nitrate in a rodent model of vascular dementia. <i>Free Radical Biology and Medicine</i> , 2021, 177, S65.	2.9	0