

Fabio Fiordaliso

List of Publications by Year in descending order

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72
papers

6,059
citations

126907

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85541

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all docs

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docs citations

76
times ranked

8577
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and Expansion of Adult Cardiac Stem Cells From Human and Murine Heart. <i>Circulation Research</i> , 2004, 95, 911-921.	4.5	1,374
2	Erythropoietin mediates tissue protection through an erythropoietin and common $\hat{1}^2$ -subunit heteroreceptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 14907-14912.	7.1	657
3	IGF-1 Overexpression Inhibits the Development of Diabetic Cardiomyopathy and Angiotensin II-Mediated Oxidative Stress. <i>Diabetes</i> , 2001, 50, 1414-1424.	0.6	352
4	Myocyte Death in Streptozotocin-Induced Diabetes in Rats Is Angiotensin II- Dependent. <i>Laboratory Investigation</i> , 2000, 80, 513-527.	3.7	287
5	A nonerythropoietic derivative of erythropoietin protects the myocardium from ischemia-reperfusion injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2046-2051.	7.1	231
6	Mutant Copper-Zinc Superoxide Dismutase (SOD1) Induces Protein Secretion Pathway Alterations and Exosome Release in Astrocytes. <i>Journal of Biological Chemistry</i> , 2013, 288, 15699-15711.	3.4	216
7	Antioxidant treatment attenuates hyperglycemia-induced cardiomyocyte death in rats. <i>Journal of Molecular and Cellular Cardiology</i> , 2004, 37, 959-968.	1.9	182
8	Multifunctional Liposomes Reduce Brain $\hat{1}^2$ -Amyloid Burden and Ameliorate Memory Impairment in Alzheimer's Disease Mouse Models. <i>Journal of Neuroscience</i> , 2014, 34, 14022-14031.	3.6	141
9	Evolution of Nanoparticle Protein Corona across the Blood-Brain Barrier. <i>ACS Nano</i> , 2018, 12, 7292-7300.	14.6	137
10	Selective Nanovector Mediated Treatment of Activated Proinflammatory Microglia/Macrophages in Spinal Cord Injury. <i>ACS Nano</i> , 2013, 7, 9881-9895.	14.6	136
11	A <i>Caenorhabditis elegans</i> -based assay recognizes immunoglobulin light chains causing heart amyloidosis. <i>Blood</i> , 2014, 123, 3543-3552.	1.4	122
12	Canine Ventricular Myocytes Possess a Renin-Angiotensin System That Is Upregulated With Heart Failure. <i>Circulation Research</i> , 2001, 88, 298-304.	4.5	116
13	Junctional adhesion molecule-A-deficient polymorphonuclear cells show reduced diapedesis in peritonitis and heart ischemia-reperfusion injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 10634-10639.	7.1	113
14	Tetracycline and its analogues protect <i>Caenorhabditis elegans</i> from $\hat{1}^2$ amyloid-induced toxicity by targeting oligomers. <i>Neurobiology of Disease</i> , 2010, 40, 424-431.	4.4	102
15	Mutant Prion Protein Expression Causes Motor and Memory Deficits and Abnormal Sleep Patterns in a Transgenic Mouse Model. <i>Neuron</i> , 2008, 60, 598-609.	8.1	97
16	Cardiovascular oxidative stress is reduced by an ACE inhibitor in a rat model of streptozotocin-induced diabetes. <i>Life Sciences</i> , 2006, 79, 121-129.	4.3	96
17	Effects of Exercise Training on Endothelial Progenitor Cells in Patients With Chronic Heart Failure. <i>Journal of Cardiac Failure</i> , 2007, 13, 701-708.	1.7	95
18	Misplaced NMDA receptors in epileptogenesis contribute to excitotoxicity. <i>Neurobiology of Disease</i> , 2011, 43, 507-515.	4.4	91

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19	Mesoangioblasts, Vessel-Associated Multipotent Stem Cells, Repair the Infarcted Heart by Multiple Cellular Mechanisms. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 692-697.	2.4	88
20	Induction of a transmissible tau pathology by traumatic brain injury. <i>Brain</i> , 2018, 141, 2685-2699.	7.6	74
21	Appraisal of the Role of Angiotensin II and Aldosterone in Ventricular Myocyte Apoptosis in Adult Normotensive Rat. <i>Journal of Molecular and Cellular Cardiology</i> , 2002, 34, 1655-1665.	1.9	70
22	Inhibition of p53 Function Prevents Renin-Angiotensin System Activation and Stretch-Mediated Myocyte Apoptosis. <i>American Journal of Pathology</i> , 2000, 157, 843-857.	3.8	65
23	Up-Regulation of AT1 and AT2 Receptors in Postinfarcted Hypertrophied Myocytes and Stretch-Mediated Apoptotic Cell Death. <i>American Journal of Pathology</i> , 2000, 156, 1663-1672.	3.8	64
24	Transgenic Fatal Familial Insomnia Mice Indicate Prion Infectivity-Independent Mechanisms of Pathogenesis and Phenotypic Expression of Disease. <i>PLoS Pathogens</i> , 2015, 11, e1004796.	4.7	61
25	Age-dependent expression of fibrosis-related genes and collagen deposition in the rat myocardium. This study was presented in part at the 49th Annual Meeting of the Gerontological Society of America, Washington, November 17-21, 1996. <i>Mechanisms of Ageing and Development</i> , 1998, 101, 57-72.	4.6	59
26	Distinct cardiac and renal effects of ET _A receptor antagonist and ACE inhibitor in experimental type 2 diabetes. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, F1114-F1123.	2.7	56
27	Repeated administration of the food additive E171 to mice results in accumulation in intestine and liver and promotes an inflammatory status. <i>Nanotoxicology</i> , 2019, 13, 1087-1101.	3.0	56
28	Exploring Alzheimer's disease mouse brain through X-ray phase contrast tomography: From the cell to the organ. <i>NeuroImage</i> , 2019, 184, 490-495.	4.2	56
29	Prospective study on microangiopathy in type 2 diabetic foot ulcer. <i>Diabetologia</i> , 2016, 59, 1542-1548.	6.3	39
30	Do non-hemopoietic effects of erythropoietin play a beneficial role in heart failure?. <i>Heart Failure Reviews</i> , 2008, 13, 415-423.	3.9	38
31	Cardiac Light Chain Amyloidosis: The Role of Metal Ions in Oxidative Stress and Mitochondrial Damage. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 567-582.	5.4	38
32	Sunitinib prevents cachexia and prolongs survival of mice bearing renal cancer by restraining STAT3 and MuRF-1 activation in muscle. <i>Oncotarget</i> , 2015, 6, 3043-3054.	1.8	38
33	<i>In Vivo</i> Fate of Avidin-Nucleic Acid Nanoassemblies as Multifunctional Diagnostic Tools. <i>ACS Nano</i> , 2014, 8, 175-187.	14.6	36
34	Cognitive Deficits Associated with Alteration of Synaptic Metaplasticity Precede Plaque Deposition in A β PP23 Transgenic Mice. <i>Journal of Alzheimer's Disease</i> , 2010, 21, 1367-1381.	2.6	35
35	Regression of diabetic complications by islet transplantation in the rat. <i>Diabetologia</i> , 2009, 52, 2653-2661.	6.3	34
36	PERK inhibition delays neurodegeneration and improves motor function in a mouse model of Marinesco-Sjögren syndrome. <i>Human Molecular Genetics</i> , 2018, 27, 2477-2489.	2.9	34

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37	Lack of TNF α receptor type 2 protects motor neurons in a cellular model of amyotrophic lateral sclerosis and in mutant SOD1 mice but does not affect disease progression. <i>Journal of Neurochemistry</i> , 2015, 135, 109-124.	3.9	33
38	Realistic Evaluation of Titanium Dioxide Nanoparticle Exposure in Chewing Gum. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 6860-6868.	5.2	32
39	Expression of A2V-mutated A β 2 in <i>Caenorhabditis elegans</i> results in oligomer formation and toxicity. <i>Neurobiology of Disease</i> , 2014, 62, 521-532.	4.4	30
40	Comparative Efficacy of a DA2/ β 2 Agonist and a β 2-Blocker in Reducing Adrenergic Drive and Cardiac Fibrosis in an Experimental Model of Left Ventricular Dysfunction After Coronary Artery Occlusion. <i>Journal of Cardiovascular Pharmacology</i> , 1998, 31, 601-608.	1.9	30
41	Longitudinal Tracking of Human Fetal Cells Labeled with Super Paramagnetic Iron Oxide Nanoparticles in the Brain of Mice with Motor Neuron Disease. <i>PLoS ONE</i> , 2012, 7, e32326.	2.5	28
42	The differentiation of cardiomyocytes from mouse embryonic stem cells is altered by dioxin. <i>Toxicology Letters</i> , 2011, 202, 226-236.	0.8	27
43	Repeated oral administration of low doses of silver in mice: tissue distribution and effects on central nervous system. <i>Particle and Fibre Toxicology</i> , 2021, 18, 23.	6.2	26
44	Eplerenone, a selective aldosterone blocker, improves diastolic function in aged rats with small-to-moderate myocardial infarction. <i>Journal of Cardiac Failure</i> , 2004, 10, 433-441.	1.7	24
45	Potential Antagonism of Tubulin-Binding Anticancer Agents in Combination Therapies. <i>Clinical Cancer Research</i> , 2005, 11, 2720-2726.	7.0	23
46	Humanin Specifically Interacts with Amyloid- β 2 Oligomers and Counteracts Their in vivo Toxicity. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 857-871.	2.6	23
47	Duration of Untreated Cardiac Arrest and Clinical Relevance of Animal Experiments: The Relationship Between the "No-Flow" Duration and the Severity of Post-Cardiac Arrest Syndrome in a Porcine Model. <i>Shock</i> , 2018, 49, 205-212.	2.1	23
48	Effect of β 2-adrenergic and renin-angiotensin system blockade on myocyte apoptosis and oxidative stress in diabetic hypertensive rats. <i>Life Sciences</i> , 2007, 81, 951-959.	4.3	22
49	Optimization of a 3D Dynamic Culturing System for In Vitro Modeling of Frontotemporal Neurodegeneration-Relevant Pathologic Features. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 146.	3.4	21
50	Effects of a DA2/ β 2 Agonist and a β 2-Blocker in Combination with an ACE Inhibitor on Adrenergic Activity and Left Ventricular Remodeling in an Experimental Model of Left Ventricular Dysfunction After Coronary Artery Occlusion. <i>Journal of Cardiovascular Pharmacology</i> , 1999, 34, 321-326.	1.9	21
51	The phagocytic state of brain myeloid cells after ischemia revealed by superresolution structured illumination microscopy. <i>Journal of Neuroinflammation</i> , 2019, 16, 9.	7.2	20
52	Integrated multiplatform method for in vitro quantitative assessment of cellular uptake for fluorescent polymer nanoparticles. <i>Nanotechnology</i> , 2014, 25, 045102.	2.6	19
53	Decoding distinctive features of plasma extracellular vesicles in amyotrophic lateral sclerosis. <i>Molecular Neurodegeneration</i> , 2021, 16, 52.	10.8	19
54	Toxicological impact of titanium dioxide nanoparticles and food-grade titanium dioxide (E171) on human and environmental health. <i>Environmental Science: Nano</i> , 2022, 9, 1199-1211.	4.3	17

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55	In vivo cardioprotection by N-acetylcysteine and isosorbide 5-mononitrate in a rat model of ischemia-reperfusion. <i>Cardiovascular Drugs and Therapy</i> , 2003, 17, 199-208.	2.6	15
56	Ventilation With Argon Improves Survival With Good Neurological Recovery After Prolonged Untreated Cardiac Arrest in Pigs. <i>Journal of the American Heart Association</i> , 2020, 9, e016494.	3.7	15
57	Fenofibrate attenuates cardiac and renal alterations in young salt-loaded spontaneously hypertensive stroke-prone rats through mitochondrial protection. <i>Journal of Hypertension</i> , 2018, 36, 1129-1146.	0.5	14
58	PGC1 α / β Expression Predicts Therapeutic Response to Oxidative Phosphorylation Inhibition in Ovarian Cancer. <i>Cancer Research</i> , 2022, 82, 1423-1434.	0.9	14
59	Role of mitochondria and cardiolipins in growth inhibition of breast cancer cells by retinoic acid. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 436.	8.6	11
60	Investigating heart-specific toxicity of amyloidogenic immunoglobulin light chains: A lesson from <i>C. elegans</i> . <i>Worm</i> , 2014, 3, e965590.	1.0	9
61	Effects of dipeptidyl peptidase-4 (DPP-4) inhibition on angiogenesis and hypoxic injury in type 2 diabetes. <i>Life Sciences</i> , 2016, 154, 87-95.	4.3	9
62	Levels of Circulating Pro-angiogenic Cells Predict Cardiovascular Outcomes in Patients With Chronic Heart Failure. <i>Journal of Cardiac Failure</i> , 2009, 15, 747-755.	1.7	8
63	Single particle extinction and scattering optical method unveils in real time the influence of the blood components on polymeric nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2597-2603.	3.3	7
64	Lipofuscin Accumulation and Gene Expression in Different Tissues of mnd Mice. <i>Molecular Neurobiology</i> , 2012, 45, 247-257.	4.0	6
65	Deletion of calcineurin from astrocytes reproduces proteome signature of Alzheimer's disease and epilepsy and predisposes to seizures. <i>Cell Calcium</i> , 2021, 100, 102480.	2.4	6
66	Food-Grade Titanium Dioxide Induces Toxicity in the Nematode <i>Caenorhabditis elegans</i> and Acute Hepatic and Pulmonary Responses in Mice. <i>Nanomaterials</i> , 2022, 12, 1669.	4.1	6
67	Cardiac Fibrosis and Aging. , 2005, , 97-103.		3
68	Nonphosphorylated tau slows down A β 1-42 aggregation, binds to A β 1-42 oligomers, and reduces A β 1-42 toxicity. <i>Journal of Biological Chemistry</i> , 2021, 296, 100664.	3.4	3
69	Activation of Src family kinase ameliorates secretory trafficking in mutant prion protein cells. <i>Journal of Biological Chemistry</i> , 2021, 296, 100490.	3.4	3
70	Doxycycline Inhibition of a Pseudotyped Virus Transduction Does Not Translate to Inhibition of SARS-CoV-2 Infectivity. <i>Viruses</i> , 2021, 13, 1745.	3.3	2
71	Idrapril, A Novel ACE Inhibitor. <i>Cardiovascular Drug Reviews</i> , 1996, 14, 351-363.	4.1	0
72	A morphological classification of the fat particles found in the urinary sediment of patients with Fabry disease. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1832-1843.	2.3	0