Fabio Fiordaliso

List of Publications by Year
in descending order

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72 papers	6,059 citations	126907 33 h-index	85541 71 g-index
76 all docs	76 docs citations	76 times ranked	8577 citing authors

#	Article	IF	Citations
1	PGC1Î±/Î² Expression Predicts Therapeutic Response to Oxidative Phosphorylation Inhibition in Ovarian Cancer. Cancer Research, 2022, 82, 1423-1434.	0.9	14
2	Toxicological impact of titanium dioxide nanoparticles and food-grade titanium dioxide (E171) on human and environmental health. Environmental Science: Nano, 2022, 9, 1199-1211.	4.3	17
3	Food-Grade Titanium Dioxide Induces Toxicity in the Nematode Caenorhabditis elegans and Acute Hepatic and Pulmonary Responses in Mice. Nanomaterials, 2022, 12, 1669.	4.1	6
4	Nonphosphorylated tau slows down AÎ²1â€“42 aggregation, binds to AÎ²1â€“42 oligomers, and reduces AÎ²1â€“42 toxicity. Journal of Biological Chemistry, 2021, 296, 100664.	3.4	3
5	Repeated oral administration of low doses of silver in mice: tissue distribution and effects on central nervous system. Particle and Fibre Toxicology, 2021, 18, 23.	6.2	26
6	A morphological classification of the fat particles found in the urinary sediment of patients with Fabry disease. Clinical Chemistry and Laboratory Medicine, 2021, 59, 1832-1843.	2.3	0
7	Decoding distinctive features of plasma extracellular vesicles in amyotrophic lateral sclerosis. Molecular Neurodegeneration, 2021, 16, 52.	10.8	19
8	Doxycycline Inhibition of a Pseudotyped Virus Transduction Does Not Translate to Inhibition of SARS-CoV-2 Infectivity. Viruses, 2021, 13, 1745.	3.3	2
9	Deletion of calcineurin from astrocytes reproduces proteome signature of Alzheimer's disease and epilepsy and predisposes to seizures. Cell Calcium, 2021, 100, 102480.	2.4	6
10	Activation of Src family kinase ameliorates secretory trafficking in mutant prion protein cells. Journal of Biological Chemistry, 2021, 296, 100490.	3.4	3
11	Ventilation With Argon Improves Survival With Good Neurological Recovery After Prolonged Untreated Cardiac Arrest in Pigs. Journal of the American Heart Association, 2020, 9, e016494.	3.7	15
12	Repeated administration of the food additive E171 to mice results in accumulation in intestine and liver and promotes an inflammatory status. Nanotoxicology, 2019, 13, 1087-1101.	3.0	56
13	Role of mitochondria and cardiolipins in growth inhibition of breast cancer cells by retinoic acid. Journal of Experimental and Clinical Cancer Research, 2019, 38, 436.	8.6	11
14	The phagocytic state of brain myeloid cells after ischemia revealed by superresolution structured illumination microscopy. Journal of Neuroinflammation, 2019, 16, 9.	7.2	20
15	Exploring Alzheimer's disease mouse brain through X-ray phase contrast tomography: From the cell to the organ. NeuroImage, 2019, 184, 490-495.	4.2	56
16	Fenofibrate attenuates cardiac and renal alterations in young salt-loaded spontaneously hypertensive stroke-prone rats through mitochondrial protection. Journal of Hypertension, 2018, 36, 1129-1146.	0.5	14
17	PERK inhibition delays neurodegeneration and improves motor function in a mouse model of Marinesco-SjÃ¶gren syndrome. Human Molecular Genetics, 2018, 27, 2477-2489.	2.9	34
18	Duration of Untreated Cardiac Arrest and Clinical Relevance of Animal Experiments: The Relationship Between the â€œNo-Flowâ€•Duration and the Severity of Post-Cardiac Arrest Syndrome in a Porcine Model. Shock, 2018, 49, 205-212.	2.1	23

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19	Evolution of Nanoparticle Protein Corona across the Bloodâ€“Brain Barrier. ACS Nano, 2018, 12, 7292-7300.	14.6	137
20	Induction of a transmissible tau pathology by traumatic brain injury. Brain, 2018, 141, 2685-2699.	7.6	74
21	Realistic Evaluation of Titanium Dioxide Nanoparticle Exposure in Chewing Gum. Journal of Agricultural and Food Chemistry, 2018, 66, 6860-6868.	5.2	32
22	Cardiac Light Chain Amyloidosis: The Role of Metal Ions in Oxidative Stress and Mitochondrial Damage. Antioxidants and Redox Signaling, 2017, 27, 567-582.	5.4	38
23	Humanin Specifically Interacts with Amyloid-Î² Oligomers and Counteracts Their in vivo Toxicity. Journal of Alzheimer's Disease, 2017, 57, 857-871.	2.6	23
24	Single particle extinction and scattering optical method unveils in real time the influence of the blood components on polymeric nanoparticles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 2597-2603.	3.3	7
25	Optimization of a 3D Dynamic Culturing System for In Vitro Modeling of Frontotemporal Neurodegeneration-Relevant Pathologic Features. Frontiers in Aging Neuroscience, 2016, 8, 146.	3.4	21
26	Effects of dipeptidyl peptidase-4 (DPP-4) inhibition on angiogenesis and hypoxic injury in type 2 diabetes. Life Sciences, 2016, 154, 87-95.	4.3	9
27	Prospective study on microangiopathy in type 2 diabetic foot ulcer. Diabetologia, 2016, 59, 1542-1548.	6.3	39
28	Lack of TNFâ€alpha 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. Journal of Neurochemistry, 2015, 135, 109-124.	3.9	33
29	Transgenic Fatal Familial Insomnia Mice Indicate Prion Infectivity-Independent Mechanisms of Pathogenesis and Phenotypic Expression of Disease. PLoS Pathogens, 2015, 11, e1004796.	4.7	61
30	Sunitinib prevents cachexia and prolongs survival of mice bearing renal cancer by restraining STAT3 and MuRF-1 activation in muscle. Oncotarget, 2015, 6, 3043-3054.	1.8	38
31	Multifunctional Liposomes Reduce Brain Î²-Amyloid Burden and Ameliorate Memory Impairment in Alzheimer's Disease Mouse Models. Journal of Neuroscience, 2014, 34, 14022-14031.	3.6	141
32	Investigating heart-specific toxicity of amyloidogenic immunoglobulin light chains: A lesson fromC. elegans. Worm, 2014, 3, e965590.	1.0	9
33	Integrated multiplatform method forin vitroquantitative assessment of cellular uptake for fluorescent polymer nanoparticles. Nanotechnology, 2014, 25, 045102.	2.6	19
34	In Vivo Fate of Avidin-Nucleic Acid Nanoassemblies as Multifunctional Diagnostic Tools. ACS Nano, 2014, 8, 175-187.	14.6	36
35	Expression of A2V-mutated AÎ² in Caenorhabditis elegans results in oligomer formation and toxicity. Neurobiology of Disease, 2014, 62, 521-532.	4.4	30
36	A Caenorhabditis elegansâ€“based assay recognizes immunoglobulin light chains causing heart amyloidosis. Blood, 2014, 123, 3543-3552.	1.4	122

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37	Selective Nanovector Mediated Treatment of Activated Proinflammatory Microglia/Macrophages in Spinal Cord Injury. ACS Nano, 2013, 7, 9881-9895.	14.6	136
38	Mutant Copper-Zinc Superoxide Dismutase (SOD1) Induces Protein Secretion Pathway Alterations and Exosome Release in Astrocytes. Journal of Biological Chemistry, 2013, 288, 15699-15711.	3.4	216
39	Lipofuscin Accumulation and Gene Expression in Different Tissues of mnd Mice. Molecular Neurobiology, 2012, 45, 247-257.	4.0	6
40	Longitudinal Tracking of Human Fetal Cells Labeled with Super Paramagnetic Iron Oxide Nanoparticles in the Brain of Mice with Motor Neuron Disease. PLoS ONE, 2012, 7, e32326.	2.5	28
41	The differentiation of cardiomyocytes from mouse embryonic stem cells is altered by dioxin. Toxicology Letters, 2011, 202, 226-236.	0.8	27
42	Misplaced NMDA receptors in epileptogenesis contribute to excitotoxicity. Neurobiology of Disease, 2011, 43, 507-515.	4.4	91
43	Distinct cardiac and renal effects of ET_Areceptor antagonist and ACE inhibitor in experimental type 2 diabetes. American Journal of Physiology - Renal Physiology, 2011, 301, F1114-F1123.	2.7	56
44	Tetracycline and its analogues protect Caenorhabditis elegans from Î² amyloid-induced toxicity by targeting oligomers. Neurobiology of Disease, 2010, 40, 424-431.	4.4	102
45	Cognitive Deficits Associated with Alteration of Synaptic Metaplasticity Precede Plaque Deposition in AÎ²PP23 Transgenic Mice. Journal of Alzheimer's Disease, 2010, 21, 1367-1381.	2.6	35
46	Regression of diabetic complications by islet transplantation in the rat. Diabetologia, 2009, 52, 2653-2661.	6.3	34
47	Levels of Circulating Pro-angiogenic Cells Predict Cardiovascular Outcomes in Patients With Chronic Heart Failure. Journal of Cardiac Failure, 2009, 15, 747-755.	1.7	8
48	Do non-hemopoietic effects of erythropoietin play a beneficial role in heart failure?. Heart Failure Reviews, 2008, 13, 415-423.	3.9	38
49	Mutant Prion Protein Expression Causes Motor and Memory Deficits and Abnormal Sleep Patterns in a Transgenic Mouse Model. Neuron, 2008, 60, 598-609.	8.1	97
50	Effect of Î²-adrenergic and reninâ€“angiotensin system blockade on myocyte apoptosis and oxidative stress in diabetic hypertensive rats. Life Sciences, 2007, 81, 951-959.	4.3	22
51	Effects of Exercise Training on Endothelial Progenitor Cells in Patients With Chronic Heart Failure. Journal of Cardiac Failure, 2007, 13, 701-708.	1.7	95
52	Cardiovascular oxidative stress is reduced by an ACE inhibitor in a rat model of streptozotocin-induced diabetes. Life Sciences, 2006, 79, 121-129.	4.3	96
53	Cardiac Fibrosis and Aging. , 2005, , 97-103.		3
54	Potential Antagonism of Tubulin-Binding Anticancer Agents in Combination Therapies. Clinical Cancer Research, 2005, 11, 2720-2726.	7.0	23

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55	Junctional adhesion molecule-A-deficient polymorphonuclear cells show reduced diapedesis in peritonitis and heart ischemia-reperfusion injury. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 10634-10639.	7.1	113
56	Mesoangioblasts, Vessel-Associated Multipotent Stem Cells, Repair the Infarcted Heart by Multiple Cellular Mechanisms. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 692-697.	2.4	88
57	A nonerythropoietic derivative of erythropoietin protects the myocardium from ischemia-reperfusion injury. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2046-2051.	7.1	231
58	Isolation and Expansion of Adult Cardiac Stem Cells From Human and Murine Heart. Circulation Research, 2004, 95, 911-921.	4.5	1,374
59	Erythropoietin mediates tissue protection through an erythropoietin and common Î²-subunit heteroreceptor. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 14907-14912.	7.1	657
60	Eplerenone, a selective aldosterone blocker, improves diastolic function in aged rats with small-to-moderate myocardial infarction. Journal of Cardiac Failure, 2004, 10, 433-441.	1.7	24
61	Antioxidant treatment attenuates hyperglycemia-induced cardiomyocyte death in rats. Journal of Molecular and Cellular Cardiology, 2004, 37, 959-968.	1.9	182
62	In vivo cardioprotection by N-acetylcysteine and isosorbide 5-mononitrate in a rat model of ischemia-reperfusion. Cardiovascular Drugs and Therapy, 2003, 17, 199-208.	2.6	15
63	Appraisal of the Role of Angiotensin II and Aldosterone in Ventricular Myocyte Apoptosis in Adult Normotensive Rat. Journal of Molecular and Cellular Cardiology, 2002, 34, 1655-1665.	1.9	70
64	Canine Ventricular Myocytes Possess a Renin-Angiotensin System That Is Upregulated With Heart Failure. Circulation Research, 2001, 88, 298-304.	4.5	116
65	IGF-1 Overexpression Inhibits the Development of Diabetic Cardiomyopathy and Angiotensin IIâ€“Mediated Oxidative Stress. Diabetes, 2001, 50, 1414-1424.	0.6	352
66	Myocyte Death in Streptozotocin-Induced Diabetes in Rats Is Angiotensin II- Dependent. Laboratory Investigation, 2000, 80, 513-527.	3.7	287
67	Inhibition of p53 Function Prevents Renin-Angiotensin System Activation and Stretch-Mediated Myocyte Apoptosis. American Journal of Pathology, 2000, 157, 843-857.	3.8	65
68	Up-Regulation of AT1 and AT2 Receptors in Postinfarcted Hypertrophied Myocytes and Stretch-Mediated Apoptotic Cell Death. American Journal of Pathology, 2000, 156, 1663-1672.	3.8	64
69	Effects of a DA2/Î±2 Agonist and a Î²1-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. Journal of Cardiovascular Pharmacology, 1999, 34, 321-326.	1.9	21
70	Age-dependent expression of fibrosis-related genes and collagen deposition in the rat myocardium1This study was presented in part at the 49th Annual Meeting of the `Gerontological Society of America', Washington, November 17â€“21, 1996.1. Mechanisms of Ageing and Development, 1998, 101, 57-72.	4.6	59
71	Comparative Efficacy of a DA2/Î±2 Agonist and a Î²-Blocker in Reducing Adrenergic Drive and Cardiac Fibrosis in an Experimental Model of Left Ventricular Dysfunction After Coronary Artery Occlusion. Journal of Cardiovascular Pharmacology, 1998, 31, 601-608.	1.9	30
72	Idrapril, A Novel ACE Inhibitor. Cardiovascular Drug Reviews, 1996, 14, 351-363.	4.1	0