

Laurent Metzinger

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

2,216
citations

23
h-index

47
g-index

58
ext. papers

2,469
ext. citations

6.7
avg, IF

4.68
L-index

#	Paper	IF	Citations
50	Utrophin-dystrophin-deficient mice as a model for Duchenne muscular dystrophy. <i>Cell</i> , 1997 , 90, 717-27	56.2	594
49	Postsynaptic abnormalities at the neuromuscular junctions of utrophin-deficient mice. <i>Journal of Cell Biology</i> , 1997 , 136, 883-94	7.3	201
48	miR-143 and miR-145: molecular keys to switch the phenotype of vascular smooth muscle cells. <i>Circulation: Cardiovascular Genetics</i> , 2011 , 4, 197-205		147
47	miR-223: An inflammatory oncomiR enters the cardiovascular field. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014 , 1842, 1001-9	6.9	122
46	Crystal structure of the transfer-RNA domain of transfer-messenger RNA in complex with SmpB. <i>Nature</i> , 2003 , 424, 699-703	50.4	101
45	Inorganic phosphate accelerates the migration of vascular smooth muscle cells: evidence for the involvement of miR-223. <i>PLoS ONE</i> , 2012 , 7, e47807	3.7	83
44	On the facultative requirement of the bacterial RNA chaperone, Hfq. <i>Trends in Microbiology</i> , 2009 , 17, 399-405	12.4	76
43	Regulation of cytosolic calcium in skeletal muscle cells of the mdx mouse under conditions of stress. <i>British Journal of Pharmacology</i> , 1996 , 118, 611-6	8.6	68
42	MicroRNA deregulation in symptomatic carotid plaque. <i>Journal of Vascular Surgery</i> , 2015 , 62, 1245-50.e13.5	3.5	50
41	Possible involvement of microRNAs in vascular damage in experimental chronic kidney disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014 , 1842, 88-98	6.9	50
40	Dystrobrevin deficiency at the sarcolemma of patients with muscular dystrophy. <i>Human Molecular Genetics</i> , 1997 , 6, 1185-91	5.6	44
39	miR-126 Is Involved in Vascular Remodeling under Laminar Shear Stress. <i>BioMed Research International</i> , 2015 , 2015, 497280	3	43
38	Prednisolone enhances myogenesis and dystrophin-related protein in skeletal muscle cell cultures from mdx mouse. <i>Journal of Neuroscience Research</i> , 1993 , 35, 363-72	4.4	43
37	Serum levels of miR-126 and miR-223 and outcomes in chronic kidney disease patients. <i>Scientific Reports</i> , 2019 , 9, 4477	4.9	41
36	Magnesium Attenuates Phosphate-Induced Deregulation of a MicroRNA Signature and Prevents Modulation of Smad1 and Osterix during the Course of Vascular Calcification. <i>BioMed Research International</i> , 2016 , 2016, 7419524	3	41
35	High inorganic phosphate concentration inhibits osteoclastogenesis by modulating miR-223. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015 , 1852, 2202-12	6.9	40
34	Modulation by prednisolone of calcium handling in skeletal muscle cells. <i>British Journal of Pharmacology</i> , 1995 , 116, 2811-6	8.6	38

33	microRNAs in the pathophysiology of CKD-MBD: Biomarkers and innovative drugs. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 337-345	6.9	35
32	The mir-221/222 Cluster is a Key Player in Vascular Biology via the Fine-Tuning of Endothelial Cell Physiology. <i>Current Vascular Pharmacology</i> , 2017 , 15, 40-46	3.3	33
31	The Involvement of miRNA in Carotid-Related Stroke. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 1608-1617	9.4	31
30	Independent binding sites of small protein B onto transfer-messenger RNA during trans-translation. <i>Nucleic Acids Research</i> , 2005 , 33, 2384-94	20.1	26
29	The expanding roles of microRNAs in kidney pathophysiology. <i>Nephrology Dialysis Transplantation</i> , 2019 , 34, 7-15	4.3	23
28	TRIMming down to TRIM37: Relevance to Inflammation, Cardiovascular Disorders, and Cancer in MULIBREY Nanism. <i>International Journal of Molecular Sciences</i> , 2018 , 20,	6.3	23
27	alpha-Methylprednisolone promotes skeletal myogenesis in dystrophin-deficient and control mouse cultures. <i>Neuroscience Letters</i> , 1993 , 155, 171-4	3.3	22
26	miR-223 and other miRNA evaluation in chronic kidney disease: Innovative biomarkers and therapeutic tools. <i>Non-coding RNA Research</i> , 2019 , 4, 30-35	6	17
25	The highest affinity binding site of small protein B on transfer messenger RNA is outside the tRNA domain. <i>Rna</i> , 2008 , 14, 1761-72	5.8	17
24	tmRNA and associated ligands: a puzzling relationship. <i>Biochimie</i> , 2005 , 87, 897-903	4.6	17
23	The Discovery of Novel Genomic, Transcriptomic, and Proteomic Biomarkers in Cardiovascular and Peripheral Vascular Disease: The State of the Art. <i>BioMed Research International</i> , 2016 , 2016, 7829174	3	17
22	A multi-omics analysis of the regulatory changes induced by miR-223 in a monocyte/macrophage cell line. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018 , 1864, 2664-2678	6.9	17
21	microRNAs are dysregulated in the cerebral microvasculature of CKD mice. <i>Frontiers in Bioscience - Elite</i> , 2014 , 6, 80-8	1.6	15
20	The Management of Cardiovascular Risk through Epigenetic Biomarkers. <i>BioMed Research International</i> , 2017 , 2017, 9158572	3	14
19	MicroRNAs Are Associated with Uremic Toxicity, Cardiovascular Calcification, and Disease. <i>Contributions To Nephrology</i> , 2017 , 189, 160-168	1.6	13
18	Serum microRNAs are altered in various stages of chronic kidney disease: a preliminary study. <i>CKJ: Clinical Kidney Journal</i> , 2017 , 10, 578	4.5	11
17	Lazaroids enhance skeletal myogenesis in primary cultures of dystrophin-deficient mdx mice. <i>Journal of the Neurological Sciences</i> , 1994 , 126, 138-45	3.2	11
16	Serum microRNAs are altered in various stages of chronic kidney disease: a preliminary study. <i>CKJ: Clinical Kidney Journal</i> , 2017 , 10, 30-37	4.5	10

15	Binding of the dystrophin second repeat to membrane di-oleyl phospholipids is dependent upon lipid packing. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007 , 1768, 648-54	3.8	10
14	Static and magic angle spinning (31)P NMR spectroscopy of two natural plasma membranes. <i>FEBS Letters</i> , 1999 , 461, 258-62	3.8	9
13	miR-92a: A Novel Potential Biomarker of Rapid Aortic Valve Calcification. <i>Journal of Heart Valve Disease</i> , 2017 , 26, 327-333		9
12	Inhibition of miR-223 Expression Using a Sponge Strategy Decreases Restenosis in Rat Injured Carotids. <i>Current Vascular Pharmacology</i> , 2020 , 18, 507-516	3.3	8
11	Uremic Toxins Affect Erythropoiesis during the Course of Chronic Kidney Disease: A Review. <i>Cells</i> , 2020 , 9,	7.9	7
10	miR-126-3p is essential for CXCL12-induced angiogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 6032	5.6	6
9	Non-Coding RNAs in Kidney Diseases: The Long and Short of Them. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6
8	TRIM37 is highly expressed during mitosis in CHON-002 chondrocytes cell line and is regulated by miR-223. <i>Bone</i> , 2020 , 137, 115393	4.7	5
7	Differential activation of adenylate cyclase by secretin and VIP receptors in the calf pancreas. <i>Pancreas</i> , 2005 , 31, 174-81	2.6	4
6	Aortic valve calcification in the era of non-coding RNAs: The revolution to come in aortic stenosis management?. <i>Non-coding RNA Research</i> , 2020 , 5, 41-47	6	3
5	Antioxidant lazardoids enhance differentiation of C2 skeletal muscle cells. <i>Neuroscience Letters</i> , 1995 , 186, 177-80	3.3	3
4	A rapid preparation of primary cultures of mouse skeletal muscle cells. <i>Cytotechnology</i> , 1993 , 13, 55-60	2.2	3
3	Implication of MicroRNAs in the Pathophysiology of Cardiac and Vascular Smooth Muscle Cells 2012 ,		2
2	SP288SEVELAMER TREATMENT MODULATES MICRORNAIS EXPRESSION IN AORTA OF MICE WITH CHRONIC KIDNEY DISEASE. <i>Nephrology Dialysis Transplantation</i> , 2015 , 30, iii475-iii475	4.3	
1	The Non-coding MicroRNA-223 is a Promising Biomarker of Chronic Kidney Disease91-95		