# Laurent Metzinger

## List of Publications by Year in Descending Order



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| 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 | miR-126-3p is essential for CXCL12-induced angiogenesis. *Journal of Cellular and Molecular Medicine*, **2021**, 25, 6032 | 5.6 | 6 |
| 49 | Non-Coding RNAs in Kidney Diseases: The Long and Short of Them. *International Journal of Molecular Sciences*, **2021**, 22, | 6.3 | 6 |
| 48 | TRIM37 is highly expressed during mitosis in CHON-002 chondrocytes cell line and is regulated by miR-223. *Bone*, **2020**, 137, 115393 | 4.7 | 5 |
| 47 | Aortic valve calcification in the era of non-coding RNAs: The revolution to come in aortic stenosis management?. *Non-coding RNA Research*, **2020**, 5, 41-47 | 6 | 3 |
| 46 | Inhibition of miR-223 Expression Using a Sponge Strategy Decreases Restenosis in Rat Injured Carotids. *Current Vascular Pharmacology*, **2020**, 18, 507-516 | 3.3 | 8 |
| 45 | Uremic Toxins Affect Erythropoiesis during the Course of Chronic Kidney Disease: A Review. *Cells*, **2020**, 9, | 7.9 | 7 |
| 44 | miR-223 and other miRNAs evaluation in chronic kidney disease: Innovative biomarkers and therapeutic tools. *Non-coding RNA Research*, **2019**, 4, 30-35 | 6 | 17 |
| 43 | Serum levels of miR-126 and miR-223 and outcomes in chronic kidney disease patients. *Scientific Reports*, **2019**, 9, 4477 | 4.9 | 41 |
| 42 | The expanding roles of microRNAs in kidney pathophysiology. *Nephrology Dialysis Transplantation*, **2019**, 34, 7-15 | 4.3 | 23 |
| 41 | TRIMming down to TRIM37: Relevance to Inflammation, Cardiovascular Disorders, and Cancer in MULIBREY Nanism. *International Journal of Molecular Sciences*, **2018**, 20, | 6.3 | 23 |
| 40 | A multi-omics analysis of the regulatory changes induced by miR-223 in a monocyte/macrophage cell line. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2018**, 1864, 2664-2678 | 6.9 | 17 |
| 39 | MicroRNAs Are Associated with Uremic Toxicity, Cardiovascular Calcification, and Disease. *Contributions To Nephrology*, **2017**, 189, 160-168 | 1.6 | 13 |
| 38 | The Management of Cardiovascular Risk through Epigenetic Biomarkers. *BioMed Research International*, **2017**, 2017, 9158572 | 3 | 14 |
| 37 | Serum microRNAs are altered in various stages of chronic kidney disease: a preliminary study. *CKJ: Clinical Kidney Journal*, **2017**, 10, 30-37 | 4.5 | 10 |
| 36 | The Involvement of miRNA in Carotid-Related Stroke. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2017**, 37, 1608-1617 | 9.4 | 31 |
| 35 | microRNAs in the pathophysiology of CKD-MBD: Biomarkers and innovative drugs. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2017**, 1863, 337-345 | 6.9 | 35 |
| 34 | Serum microRNAs are altered in various stages of chronic kidney disease: a preliminary study. *CKJ: Clinical Kidney Journal*, **2017**, 10, 578 | 4.5 | 11 |

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| 33 | The mir-221/222 Cluster is a Key Player in Vascular Biology via the Fine-Tuning of Endothelial Cell Physiology. *Current Vascular Pharmacology*, **2017**, 15, 40-46 | 3.3 | 33 |
| 32 | miR-92a: A Novel Potential Biomarker of Rapid Aortic Valve Calcification. *Journal of Heart Valve Disease*, **2017**, 26, 327-333 | | 9 |
| 31 | The Discovery of Novel Genomic, Transcriptomic, and Proteomic Biomarkers in Cardiovascular and Peripheral Vascular Disease: The State of the Art. *BioMed Research International*, **2016**, 2016, 7829174 | 3 | 17 |
| 30 | Magnesium Attenuates Phosphate-Induced Deregulation of a MicroRNA Signature and Prevents Modulation of Smad1 and Osterix during the Course of Vascular Calcification. *BioMed Research International*, **2016**, 2016, 7419524 | 3 | 41 |
| 29 | MicroRNA deregulation in symptomatic carotid plaque. *Journal of Vascular Surgery*, **2015**, 62, 1245-50.e1 | 3.5 | 50 |
| 28 | High inorganic phosphate concentration inhibits osteoclastogenesis by modulating miR-223. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2015**, 1852, 2202-12 | 6.9 | 40 |
| 27 | miR-126 Is Involved in Vascular Remodeling under Laminar Shear Stress. *BioMed Research International*, **2015**, 2015, 497280 | 3 | 43 |
| 26 | SP288SEVELAMER TREATMENT MODULATES MICRORNAS EXPRESSION IN AORTA OF MICE WITH CHRONIC KIDNEY DISEASE. *Nephrology Dialysis Transplantation*, **2015**, 30, iii475-iii475 | 4.3 | |
| 25 | Possible involvement of microRNAs in vascular damage in experimental chronic kidney disease. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2014**, 1842, 88-98 | 6.9 | 50 |
| 24 | miR-223: An inflammatory oncomiR enters the cardiovascular field. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2014**, 1842, 1001-9 | 6.9 | 122 |
| 23 | microRNAs are dysregulated in the cerebral microvasculature of CKD mice. *Frontiers in Bioscience - Elite*, **2014**, 6, 80-8 | 1.6 | 15 |
| 22 | Inorganic phosphate accelerates the migration of vascular smooth muscle cells: evidence for the involvement of miR-223. *PLoS ONE*, **2012**, 7, e47807 | 3.7 | 83 |
| 21 | Implication of MicroRNAs in the Pathophysiology of Cardiac and Vascular Smooth Muscle Cells **2012**, | | 2 |
| 20 | miR-143 and miR-145: molecular keys to switch the phenotype of vascular smooth muscle cells. *Circulation: Cardiovascular Genetics*, **2011**, 4, 197-205 | | 147 |
| 19 | On the facultative requirement of the bacterial RNA chaperone, Hfq. *Trends in Microbiology*, **2009**, 17, 399-405 | 12.4 | 76 |
| 18 | The highest affinity binding site of small protein B on transfer messenger RNA is outside the tRNA domain. *Rna*, **2008**, 14, 1761-72 | 5.8 | 17 |
| 17 | Binding of the dystrophin second repeat to membrane di-oleyl phospholipids is dependent upon lipid packing. *Biochimica Et Biophysica Acta - Biomembranes*, **2007**, 1768, 648-54 | 3.8 | 10 |
| 16 | Independent binding sites of small protein B onto transfer-messenger RNA during trans-translation. *Nucleic Acids Research*, **2005**, 33, 2384-94 | 20.1 | 26 |

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|---|---|---|---|
| 15 | tmRNA and associated ligands: a puzzling relationship. *Biochimie*, **2005**, 87, 897-903 | 4.6 | 17 |
| 14 | Differential activation of adenylate cyclase by secretin and VIP receptors in the calf pancreas. *Pancreas*, **2005**, 31, 174-81 | 2.6 | 4 |
| 13 | Crystal structure of the transfer-RNA domain of transfer-messenger RNA in complex with SmpB. *Nature*, **2003**, 424, 699-703 | 50.4 | 101 |
| 12 | Static and magic angle spinning (31)P NMR spectroscopy of two natural plasma membranes. *FEBS Letters*, **1999**, 461, 258-62 | 3.8 | 9 |
| 11 | Dystrobrevin deficiency at the sarcolemma of patients with muscular dystrophy. *Human Molecular Genetics*, **1997**, 6, 1185-91 | 5.6 | 44 |
| 10 | Postsynaptic abnormalities at the neuromuscular junctions of utrophin-deficient mice. *Journal of Cell Biology*, **1997**, 136, 883-94 | 7.3 | 201 |
| 9 | Utrophin-dystrophin-deficient mice as a model for Duchenne muscular dystrophy. *Cell*, **1997**, 90, 717-27 | 56.2 | 594 |
| 8 | Regulation of cytosolic calcium in skeletal muscle cells of the mdx mouse under conditions of stress. *British Journal of Pharmacology*, **1996**, 118, 611-6 | 8.6 | 68 |
| 7 | Modulation by prednisolone of calcium handling in skeletal muscle cells. *British Journal of Pharmacology*, **1995**, 116, 2811-6 | 8.6 | 38 |
| 6 | Antioxidant lazaroids enhance differentiation of C2 skeletal muscle cells. *Neuroscience Letters*, **1995**, 186, 177-80 | 3.3 | 3 |
| 5 | Lazaroids enhance skeletal myogenesis in primary cultures of dystrophin-deficient mdx mice. *Journal of the Neurological Sciences*, **1994**, 126, 138-45 | 3.2 | 11 |
| 4 | alpha-Methylprednisolone promotes skeletal myogenesis in dystrophin-deficient and control mouse cultures. *Neuroscience Letters*, **1993**, 155, 171-4 | 3.3 | 22 |
| 3 | Prednisolone enhances myogenesis and dystrophin-related protein in skeletal muscle cell cultures from mdx mouse. *Journal of Neuroscience Research*, **1993**, 35, 363-72 | 4.4 | 43 |
| 2 | A rapid preparation of primary cultures of mouse skeletal muscle cells. *Cytotechnology*, **1993**, 13, 55-60 | 2.2 | 3 |
| 1 | The Non-coding MicroRNA-223 is a Promising Biomarker of Chronic Kidney Disease91-95 | | |