Laurens A Van Meeteren

List of Publications by Year
in descending order

33	4,317	185998 28	395343 33
papers	citations	h-index	g-index

34	34	34	5522
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The endothelial adaptor molecule TSAd is required for VEGF-induced angiogenic sprouting through junctional c-Src activation. Science Signaling, 2016, 9, ra72.	1.6	35
2	NRP1 Presented in trans to the Endothelium Arrests VEGFR2 Endocytosis, Preventing Angiogenic Signaling and Tumor Initiation. Developmental Cell, 2014, 28, 633-646.	3.1	85
3	ENDOGLIN Is Dispensable for Vasculogenesis, but Required for Vascular Endothelial Growth Factor-Induced Angiogenesis. PLoS ONE, 2014, 9, e86273.	1.1	59
4	GATA2 and Lmo2 control angiogenesis and lymphangiogenesis via direct transcriptional regulation of neuropilin-2. Angiogenesis, 2013, 16, 939-952.	3.7	51
5	TGF-Î² and Cardiovascular Disorders. , 2013, , 297-322.		1
6	Transforming growth factor Î² family members in regulation of vascular function: In the light of vascular conditional knockouts. Experimental Cell Research, 2013, 319, 1264-1270.	1.2	54
7	Autotaxin in embryonic development. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 13-19.	1.2	46
8	The Polybasic Insertion in Autotaxin Î± Confers Specific Binding to Heparin and Cell Surface Heparan Sulfate Proteoglycans. Journal of Biological Chemistry, 2013, 288, 510-519.	1.6	48
9	Anti-human Activin Receptor-like Kinase 1 (ALK1) Antibody Attenuates Bone Morphogenetic Protein 9 (BMP9)-induced ALK1 Signaling and Interferes with Endothelial Cell Sprouting. Journal of Biological Chemistry, 2012, 287, 18551-18561.	1.6	90
10	Regulation of endothelial cell plasticity by TGF-Î². Cell and Tissue Research, 2012, 347, 177-186.	1.5	279
11	Structural basis of substrate discrimination and integrin binding by autotaxin. Nature Structural and Molecular Biology, 2011, 18, 198-204.	3.6	247
12	Adipose-specific disruption of autotaxin enhances nutritional fattening and reduces plasma lysophosphatidic acid. Journal of Lipid Research, 2011, 52, 1247-1255.	2.0	153
13	TGF-β Receptor Signaling Pathways in Angiogenesis; Emerging Targets for Anti-Angiogenesis Therapy. Current Pharmaceutical Biotechnology, 2011, 12, 2108-2120.	0.9	62
14	Mammalian cell expression, purification, crystallization and microcrystal data collection of autotaxin/ENPP2, a secreted mammalian glycoprotein. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1130-1135.	0.7	25
15	Vascular endothelial growth factor B controls endothelial fatty acid uptake. Nature, 2010, 464, 917-921.	13.7	423
16	Boronic acid-based inhibitor of autotaxin reveals rapid turnover of LPA in the circulation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7257-7262.	3.3	182
17	A Mutated Soluble Neuropilin-2 B Domain Antagonizes Vascular Endothelial Growth Factor Bioactivity and Inhibits Tumor Progression. Molecular Cancer Research, 2010, 8, 1063-1073.	1.5	48
18	Discovery and Optimization of Boronic Acid Based Inhibitors of Autotaxin. Journal of Medicinal Chemistry, 2010, 53, 4958-4967.	2.9	65

#	Article	IF	Citations
19	Autotaxin/Lysopholipase D and Lysophosphatidic Acid Regulate Murine Hemostasis and Thrombosis. Journal of Biological Chemistry, 2009, 284, 7385-7394.	1.6	127
20	Autotaxin/lysopholipase D and lysophosphatidic acid regulate murine hemostasis and thrombosis.. Journal of Biological Chemistry, 2009, 284, 21100.	1.6	2
21	Anticancer activity of FTY720: Phosphorylated FTY720 inhibits autotaxin, a metastasis-enhancing and angiogenic lysophospholipase D. Cancer Letters, 2008, 266, 203-208.	3.2	53
22	Suppression of the p53-Dependent Replicative Senescence Response by Lysophosphatidic Acid Signaling. Molecular Cancer Research, 2008, 6, 1452-1460.	1.5	24
23	Neuropilin-1 in regulation of VEGF-induced activation of p38MAPK and endothelial cell organization. Blood, 2008, 112, 3638-3649.	0.6	143
24	Regulation and biological activities of the autotaxinâ€“LPA axis. Progress in Lipid Research, 2007, 46, 145-160.	5.3	320
25	Upregulation of Cytokine Expression in Fibroblasts Exposed to Loxosceles Sphingomyelinase D: What is the Trigger?. Journal of Investigative Dermatology, 2007, 127, 1266-1267.	0.3	9
26	Autotaxin (NPP-2) in the brain: cell type-specific expression and regulation during development and after neurotrauma. Cellular and Molecular Life Sciences, 2007, 64, 230-243.	2.4	100
27	Fluorogenic Phospholipid Substrate to Detect Lysophospholipase D/Autotaxin Activity. Organic Letters, 2006, 8, 2023-2026.	2.4	108
28	Autotaxin, a Secreted Lysophospholipase D, Is Essential for Blood Vessel Formation during Development. Molecular and Cellular Biology, 2006, 26, 5015-5022.	1.1	496
29	Inhibition of Autotaxin by Lysophosphatidic Acid and Sphingosine 1-Phosphate. Journal of Biological Chemistry, 2005, 280, 21155-21161.	1.6	178
30	Synthesis, Structureâ˜'Activity Relationships, and Biological Evaluation of Fatty Alcohol Phosphates as Lysophosphatidic Acid Receptor Ligands, Activators of PPARÎ³, and Inhibitors of Autotaxinâ€. Journal of Medicinal Chemistry, 2005, 48, 4919-4930.	2.9	104
31	Spider and Bacterial Sphingomyelinases D Target Cellular Lysophosphatidic Acid Receptors by Hydrolyzing Lysophosphatidylcholine. Journal of Biological Chemistry, 2004, 279, 10833-10836.	1.6	116
32	The ins and outs of lysophosphatidic acid signaling. BioEssays, 2004, 26, 870-881.	1.2	514
33	Lysophosphatidic acid: mitogen and motility factor. Biochemical Society Transactions, 2003, 31, 1209-1212.	1.6	69