

# Marie-Ange Renault

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,843  
citations

257450

24  
h-index

289244

40  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2961  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of bioactive peptide amphiphiles for therapeutic cell delivery. <i>Acta Biomaterialia</i> , 2010, 6, 3-11.	8.3	286
2	Sonic hedgehog induces angiogenesis via Rho kinase-dependent signaling in endothelial cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 49, 490-498.	1.9	111
3	Extracellular Nucleotides Induce Arterial Smooth Muscle Cell Migration Via Osteopontin. <i>Circulation Research</i> , 2001, 89, 772-778.	4.5	110
4	CXCR4 Antagonist AMD3100 Accelerates Impaired Wound Healing in Diabetic Mice. <i>Journal of Investigative Dermatology</i> , 2012, 132, 711-720.	0.7	82
5	CXC-Chemokine Receptor 4 Antagonist AMD3100 Promotes Cardiac Functional Recovery After Ischemia/Reperfusion Injury via Endothelial Nitric Oxide Synthase-Dependent Mechanism. <i>Circulation</i> , 2013, 127, 63-73.	1.6	81
6	Vascular endothelial cell expression of JAK2 <sup>V617F</sup> is sufficient to promote a pro-thrombotic state due to increased P-selectin expression. <i>Haematologica</i> , 2019, 104, 70-81.	3.5	80
7	NF- $\kappa$ B balances vascular regression and angiogenesis via chromatin remodeling and NFAT displacement. <i>Blood</i> , 2010, 116, 475-484.	1.4	76
8	Sonic hedgehog mediates a novel pathway of PDGF-BB-dependent vessel maturation. <i>Blood</i> , 2014, 123, 2429-2437.	1.4	61
9	Endothelial progenitor cells in regenerative medicine and cancer: a decade of research. <i>Trends in Biotechnology</i> , 2008, 26, 276-283.	9.3	59
10	Therapeutic myocardial angiogenesis. <i>Microvascular Research</i> , 2007, 74, 159-171.	2.5	54
11	The Hedgehog Transcription Factor Gli3 Modulates Angiogenesis. <i>Circulation Research</i> , 2009, 105, 818-826.	4.5	53
12	Impaired Hedgehog signalling-induced endothelial dysfunction is sufficient to induce neuropathy: implication in diabetes. <i>Cardiovascular Research</i> , 2016, 109, 217-227.	3.8	51
13	Sonic Hedgehog-Induced Functional Recovery After Myocardial Infarction Is Enhanced by AMD3100-Mediated Progenitor-Cell Mobilization. <i>Journal of the American College of Cardiology</i> , 2011, 57, 2444-2452.	2.8	50
14	Role of Hedgehog Signaling in Vasculature Development, Differentiation, and Maintenance. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3076.	4.1	50
15	Osteopontin Expression in Cardiomyocytes Induces Dilated Cardiomyopathy. <i>Circulation: Heart Failure</i> , 2010, 3, 431-439.	3.9	46
16	Desert Hedgehog Promotes Ischemia-Induced Angiogenesis by Ensuring Peripheral Nerve Survival. <i>Circulation Research</i> , 2013, 112, 762-770.	4.5	45
17	Restoring Endothelial Function by Targeting Desert Hedgehog Downstream of Klf2 Improves Critical Limb Ischemia in Adults. <i>Circulation Research</i> , 2018, 123, 1053-1065.	4.5	41
18	Autocrine expression of osteopontin contributes to PDGF-mediated arterial smooth muscle cell migration. <i>Cardiovascular Research</i> , 2007, 75, 738-747.	3.8	40

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19	UTP Induces Osteopontin Expression through a Coordinate Action of NF $\kappa$ B, Activator Protein-1, and Upstream Stimulatory Factor in Arterial Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 2708-2713.	3.4	39
20	AP-1 Is Involved in UTP-Induced Osteopontin Expression in Arterial Smooth Muscle Cells. <i>Circulation Research</i> , 2003, 93, 674-681.	4.5	36
21	Hedgehog-Dependent Regulation of Angiogenesis and Myogenesis Is Impaired in Aged Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2858-2866.	2.4	33
22	CREB Mediates UTP-Directed Arterial Smooth Muscle Cell Migration and Expression of the Chemotactic Protein Osteopontin via Its Interaction with Activator Protein-1 Sites. <i>Circulation Research</i> , 2007, 100, 1292-1299.	4.5	30
23	Cli3 Regulation of Myogenesis Is Necessary for Ischemia-Induced Angiogenesis. <i>Circulation Research</i> , 2013, 113, 1148-1158.	4.5	30
24	High circulating levels of MPO-DNA are associated with thrombosis in patients with MPN. <i>Leukemia</i> , 2019, 33, 2544-2548.	7.2	30
25	Comparison of endothelial promoter efficiency and specificity in mice reveals a subset of Pdgfr $\beta$ -positive hematopoietic cells. <i>Journal of Thrombosis and Haemostasis</i> , 2019, 17, 827-840.	3.8	24
26	Blood-brain barrier genetic disruption leads to protective barrier formation at the Glia Limitans. <i>PLoS Biology</i> , 2020, 18, e3000946.	5.6	24
27	Estradiol triggers sonic-hedgehog-induced angiogenesis during peripheral nerve regeneration by downregulating hedgehog-interacting protein. <i>Laboratory Investigation</i> , 2012, 92, 532-542.	3.7	23
28	Enhanced potency of cell-based therapy for ischemic tissue repair using an injectable bioactive epitope presenting nanofiber support matrix. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 74, 231-239.	1.9	22
29	Endogenous Sonic Hedgehog limits inflammation and angiogenesis in the ischaemic skeletal muscle of mice. <i>Cardiovascular Research</i> , 2018, 114, 759-770.	3.8	22
30	Mapping 3-Dimensional Neovessel Organization Steps Using Micro-Computed Tomography in a Murine Model of Hindlimb Ischemia—Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 2090-2092.	2.4	20
31	Endothelial Dysfunction in Heart Failure With Preserved Ejection Fraction: What are the Experimental Proofs?. <i>Frontiers in Physiology</i> , 0, 13, .	2.8	20
32	The Matrix Revolutions. <i>Circulation Research</i> , 2007, 100, 749-750.	4.5	16
33	Tamoxifen Accelerates Endothelial Healing by Targeting ER $\alpha$ in Smooth Muscle Cells. <i>Circulation Research</i> , 2020, 127, 1473-1487.	4.5	16
34	Biological approaches to ischemic tissue repair: gene- and cell-based strategies. <i>Expert Review of Cardiovascular Therapy</i> , 2008, 6, 653-668.	1.5	13
35	Observations on the perfusion recovery of regenerative angiogenesis in an ischemic limb model under hyperoxia. <i>Physiological Reports</i> , 2018, 6, e13736.	1.7	13
36	Desert Hedgehog-Driven Endothelium Integrity Is Enhanced by Gas1 (Growth Arrest-Specific 1) but Negatively Regulated by Cdon (Cell Adhesion Molecule-Related/Downregulated by Oncogenes). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, e336-e349.	2.4	13

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37	Mast Cells Are the Trigger of Small Vessel Disease and Diastolic Dysfunction in Diabetic Obese Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, e193-e207.	2.4	11
38	Desert hedgehog-primary cilia cross talk shapes mitral valve tissue by organizing smooth muscle actin. <i>Developmental Biology</i> , 2020, 463, 26-38.	2.0	9
39	Increased Capillary Permeability in Heart Induces Diastolic Dysfunction Independently of Inflammation, Fibrosis, or Cardiomyocyte Dysfunction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 745-763.	2.4	9
40	Reprint of: Development of bioactive peptide amphiphiles for therapeutic cell delivery. <i>Acta Biomaterialia</i> , 2015, 23, S42-S51.	8.3	5
41	Full-length Dhh and N-terminal Shh act as competitive antagonists to regulate angiogenesis and vascular permeability. <i>Cardiovascular Research</i> , 2021, 117, 2489-2501.	3.8	5
42	Editor's Comment on: Development of bioactive peptide amphiphiles for therapeutic cell delivery. <i>Acta Biomaterialia</i> , 2015, 23, S41.	8.3	0
43	Blood-brain barrier genetic disruption leads to protective barrier formation at the Glia Limitans. , 2020, 18, e3000946.		0
44	Blood-brain barrier genetic disruption leads to protective barrier formation at the Glia Limitans. , 2020, 18, e3000946.		0
45	Blood-brain barrier genetic disruption leads to protective barrier formation at the Glia Limitans. , 2020, 18, e3000946.		0
46	Blood-brain barrier genetic disruption leads to protective barrier formation at the Glia Limitans. , 2020, 18, e3000946.		0
47	Blood-brain barrier genetic disruption leads to protective barrier formation at the Glia Limitans. , 2020, 18, e3000946.		0
48	Blood-brain barrier genetic disruption leads to protective barrier formation at the Glia Limitans. , 2020, 18, e3000946.		0