

Kathleen M Caron

List of Publications by Year in descending order

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65
papers

2,511
citations

201385

27
h-index

214527

47
g-index

67
all docs

67
docs citations

67
times ranked

3565
citing authors

#	ARTICLE	IF	CITATIONS
1	Adrenomedullin signaling is necessary for murine lymphatic vascular development. <i>Journal of Clinical Investigation</i> , 2008, 118, 40-50.	3.9	217
2	Neuropeptide CGRP Limits Group 2 Innate Lymphoid Cell Responses and Constrains Type 2 Inflammation. <i>Immunity</i> , 2019, 51, 682-695.e6.	6.6	192
3	Single-cell analysis of early progenitor cells that build coronary arteries. <i>Nature</i> , 2018, 559, 356-362.	13.7	190
4	Hydrops Fetalis, Cardiovascular Defects, and Embryonic Lethality in Mice Lacking the Calcitonin Receptor-Like Receptor Gene. <i>Molecular and Cellular Biology</i> , 2006, 26, 2511-2518.	1.1	119
5	Nociceptive nerves regulate haematopoietic stem cell mobilization. <i>Nature</i> , 2021, 589, 591-596.	13.7	99
6	Reduced maternal expression of adrenomedullin disrupts fertility, placentation, and fetal growth in mice. <i>Journal of Clinical Investigation</i> , 2006, 116, 2653-2662.	3.9	92
7	Adrenomedullin Induces Cardiac Lymphangiogenesis After Myocardial Infarction and Regulates Cardiac Edema Via Connexin 43. <i>Circulation Research</i> , 2019, 124, 101-113.	2.0	86
8	Receptor Activity-Modifying Proteins: RAMPing up Adrenomedullin Signaling. <i>Molecular Endocrinology</i> , 2007, 21, 783-796.	3.7	82
9	Decoy Receptor CXCR7 Modulates Adrenomedullin-Mediated Cardiac and Lymphatic Vascular Development. <i>Developmental Cell</i> , 2014, 30, 528-540.	3.1	77
10	G-protein-coupled receptor 30 interacts with receptor activity-modifying protein 3 and confers sex-dependent cardioprotection. <i>Journal of Molecular Endocrinology</i> , 2013, 51, 191-202.	1.1	65
11	Content and Performance of the MiniMUGA Genotyping Array: A New Tool To Improve Rigor and Reproducibility in Mouse Research. <i>Genetics</i> , 2020, 216, 905-930.	1.2	58
12	Lymphatic deletion of calcitonin receptor-like receptor exacerbates intestinal inflammation. <i>JCI Insight</i> , 2017, 2, e92465.	2.3	56
13	Adrenomedullin stabilizes the lymphatic endothelial barrier in vitro and in vivo. <i>Peptides</i> , 2008, 29, 2243-2249.	1.2	55
14	Fetal-derived adrenomedullin mediates the innate immune milieu of the placenta. <i>Journal of Clinical Investigation</i> , 2013, 123, 2408-2420.	3.9	54
15	Blood and Lymphatic Vessel Formation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a008268.	2.3	52
16	Characteristics of Multi-Organ Lymphangiectasia Resulting from Temporal Deletion of Calcitonin Receptor-Like Receptor in Adult Mice. <i>PLoS ONE</i> , 2012, 7, e45261.	1.1	44
17	Haploinsufficiency for Adrenomedullin Reduces Pinopodes and Diminishes Uterine Receptivity in Mice ¹ . <i>Biology of Reproduction</i> , 2008, 79, 1169-1175.	1.2	42
18	Adrenomedullin and pregnancy: perspectives from animal models to humans. <i>Trends in Endocrinology and Metabolism</i> , 2012, 23, 524-532.	3.1	42

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19	E-Cigarette Exposure Delays Implantation and Causes Reduced Weight Gain in Female Offspring Exposed In Utero. <i>Journal of the Endocrine Society</i> , 2019, 3, 1907-1916.	0.1	38
20	RAMP3 determines rapid recycling of atypical chemokine receptor-3 for guided angiogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24093-24099.	3.3	38
21	Adrenomedullin Function in Vascular Endothelial Cells: Insights from Genetic Mouse Models. <i>Current Hypertension Reviews</i> , 2011, 7, 228-239.	0.5	36
22	Deficiency of RAMP1 Attenuates Antigen-Induced Airway Hyperresponsiveness in Mice. <i>PLoS ONE</i> , 2014, 9, e102356.	1.1	36
23	Research Resource: Haploinsufficiency of Receptor Activity-Modifying Protein-2 (Ramp2) Causes Reduced Fertility, Hyperprolactinemia, Skeletal Abnormalities, and Endocrine Dysfunction in Mice. <i>Molecular Endocrinology</i> , 2011, 25, 1244-1253.	3.7	34
24	Lymphatic mimicry in maternal endothelial cells promotes placental spiral artery remodeling. <i>Journal of Clinical Investigation</i> , 2019, 129, 4912-4921.	3.9	33
25	Schlemm's canal: more than meets the eye, lymphatics in disguise. <i>Journal of Clinical Investigation</i> , 2014, 124, 3701-3703.	3.9	33
26	Adrenomedullin gene dosage correlates with tumor and lymph node lymphangiogenesis. <i>FASEB Journal</i> , 2013, 27, 590-600.	0.2	32
27	The expanding repertoire of receptor activity modifying protein (RAMP) function. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2016, 51, 65-71.	2.3	31
28	Pinopodes: Recent advancements, current perspectives, and future directions. <i>Molecular and Cellular Endocrinology</i> , 2020, 501, 110644.	1.6	31
29	Adrenomedullin improves fertility and promotes pinopodes and cell junctions in the peri-implantation endometrium. <i>Biology of Reproduction</i> , 2017, 97, 466-477.	1.2	30
30	Dawn of a New RAMPage. <i>Trends in Pharmacological Sciences</i> , 2020, 41, 249-265.	4.0	30
31	G Protein-Coupled Receptors as Potential Drug Targets for Lymphangiogenesis and Lymphatic Vascular Diseases. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 650-656.	1.1	26
32	Epicardial-derived adrenomedullin drives cardiac hyperplasia during embryogenesis. <i>Developmental Dynamics</i> , 2014, 243, 243-256.	0.8	25
33	<i>CALCRL</i> mutation causes autosomal recessive nonimmune hydrops fetalis with lymphatic dysplasia. <i>Journal of Experimental Medicine</i> , 2018, 215, 2339-2353.	4.2	25
34	Adrenomedullin and endocrine control of immune cells during pregnancy. <i>Cellular and Molecular Immunology</i> , 2014, 11, 456-459.	4.8	23
35	Adrenomedullin in lymphangiogenesis: from development to disease. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 3115-3126.	2.4	23
36	Notch signaling pathway is a potential therapeutic target for extracranial vascular malformations. <i>Scientific Reports</i> , 2018, 8, 17987.	1.6	23

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37	Small GTPase Rap1A/B Is Required for Lymphatic Development and Adrenomedullin-Induced Stabilization of Lymphatic Endothelial Junctions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2410-2422.	1.1	23
38	VE-Cadherin Is Required for Cardiac Lymphatic Maintenance and Signaling. <i>Circulation Research</i> , 2022, 130, 5-23.	2.0	23
39	Loss of receptor activity-modifying protein 3 exacerbates cardiac hypertrophy and transition to heart failure in a sex-dependent manner. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 52, 165-174.	0.9	22
40	Gap Junction Coupling Is Required for Tumor Cell Migration Through Lymphatic Endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1147-1155.	1.1	22
41	Lymphatic Vasculature: An Emerging Therapeutic Target and Drug Delivery Route. <i>Annual Review of Medicine</i> , 2021, 72, 167-182.	5.0	21
42	Uterine natural killer cells as modulators of the maternal-fetal vasculature. <i>International Journal of Developmental Biology</i> , 2014, 58, 199-204.	0.3	20
43	Understanding RAMPs Through Genetically Engineered Mouse Models. <i>Advances in Experimental Medicine and Biology</i> , 2012, 744, 49-60.	0.8	20
44	Orphan Gpr182 suppresses ERK-mediated intestinal proliferation during regeneration and adenoma formation. <i>Journal of Clinical Investigation</i> , 2017, 127, 593-607.	3.9	19
45	Lymphatic Function and Dysfunction in the Context of Sex Differences. <i>ACS Pharmacology and Translational Science</i> , 2019, 2, 311-324.	2.5	16
46	Adrenomedullin Signaling Pathway Polymorphisms and Adverse Pregnancy Outcomes. <i>American Journal of Perinatology</i> , 2014, 31, 327-334.	0.6	15
47	Lymphatic Programming and Specialization in Hybrid Vessels. <i>Frontiers in Physiology</i> , 2020, 11, 114.	1.3	14
48	Endothelial Restoration of Receptor Activity-Modifying Protein 2 Is Sufficient to Rescue Lethality, but Survivors Develop Dilated Cardiomyopathy. <i>Hypertension</i> , 2016, 68, 667-677.	1.3	13
49	The Orphan G-Protein Coupled Receptor 182 Is a Negative Regulator of Definitive Hematopoiesis through Leukotriene B4 Signaling. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 676-689.	2.5	13
50	Adrenomedullin Is Necessary to Resolve Hyperoxia-Induced Experimental Bronchopulmonary Dysplasia and Pulmonary Hypertension in Mice. <i>American Journal of Pathology</i> , 2020, 190, 711-722.	1.9	13
51	Multiple roles of adrenomedullin revealed by animal models. <i>Microscopy Research and Technique</i> , 2002, 57, 55-59.	1.2	12
52	Loss of receptor activity-modifying protein 2 in mice causes placental dysfunction and alters PTH1R regulation. <i>PLoS ONE</i> , 2017, 12, e0181597.	1.1	11
53	Calcitonin-Receptor-Like Receptor Signaling Governs Intestinal Lymphatic Innervation and Lipid Uptake. <i>ACS Pharmacology and Translational Science</i> , 2019, 2, 114-121.	2.5	11
54	A murine model of increased coronary sinus pressure induces myocardial edema with cardiac lymphatic dilation and fibrosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H895-H907.	1.5	11

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55	Elevated levels of adrenomedullin in eutopic endometrium and plasma from women with endometriosis. <i>Fertility and Sterility</i> , 2018, 109, 1072-1078.	0.5	10
56	Cohort of estrogen-induced microRNAs regulate adrenomedullin expression. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R209-R216.	0.9	9
57	Temporal and spatial expression of adrenomedullin and its receptors in the porcine uterus and peri-implantation conceptuses. <i>Biology of Reproduction</i> , 2021, 105, 876-891.	1.2	6
58	Orphan G-Protein Coupled Receptor GPRC5B Is Critical for Lymphatic Development. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5712.	1.8	5
59	Genetic loss of proadrenomedullin N-terminal 20 peptide (PAMP) in mice is compatible with survival. <i>Peptides</i> , 2019, 112, 96-100.	1.2	2
60	Dermal Lymphatic Capillaries Do Not Obey Murray's Law. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 840305.	1.1	2
61	Deletion of atypical chemokine receptor 3 (ACKR3) increases immune cells at the fetal-maternal interface. <i>Placenta</i> , 2020, 95, 18-25.	0.7	1
62	Adrenomedullin: new inhibitory regulator for cortisol synthesis and secretion. <i>Journal of Endocrinology</i> , 2021, 251, 97-109.	1.2	1
63	Accelerated Development With Increased Bone Mass and Skeletal Response to Loading Suggest Receptor Activity Modifying Protein-3 as a Bone Anabolic Target. <i>Frontiers in Endocrinology</i> , 2021, 12, 807882.	1.5	1
64	Adrenomedullin in Female Reproduction and Pregnancy. , 2018, , 514-520.		0
65	Innovation and Discovery in Cardiovascular Biology. <i>ACS Pharmacology and Translational Science</i> , 2019, 2, 291-292.	2.5	0