

Sinem Karaman

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

4,548
citations

236925

25
h-index

330143

37
g-index

41
all docs

41
docs citations

41
times ranked

6828
citing authors

#	ARTICLE	IF	CITATIONS
1	A dural lymphatic vascular system that drains brain interstitial fluid and macromolecules. <i>Journal of Experimental Medicine</i> , 2015, 212, 991-999.	8.5	1,543
2	Mechanisms of lymphatic metastasis. <i>Journal of Clinical Investigation</i> , 2014, 124, 922-928.	8.2	429
3	Development and plasticity of meningeal lymphatic vessels. <i>Journal of Experimental Medicine</i> , 2017, 214, 3645-3667.	8.5	311
4	Lymphatic System in Cardiovascular Medicine. <i>Circulation Research</i> , 2016, 118, 515-530.	4.5	258
5	Vascular endothelial growth factor signaling in development and disease. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	244
6	Use of a PEG-conjugated bright near-infrared dye for functional imaging of rerouting of tumor lymphatic drainage after sentinel lymph node metastasis. <i>Biomaterials</i> , 2013, 34, 5128-5137.	11.4	134
7	Lymphangiogenesis guidance by paracrine and pericellular factors. <i>Genes and Development</i> , 2017, 31, 1615-1634.	5.9	134
8	An Unexpected Role of Semaphorin3A in Neuropilin-1 Signaling in Lymphatic Vessel Maturation and Valve Formation. <i>Circulation Research</i> , 2012, 111, 426-436.	4.5	129
9	G-CSF regulates macrophage phenotype and associates with poor overall survival in human triple-negative breast cancer. <i>Oncotmunology</i> , 2016, 5, e1115177.	4.6	123
10	Characterization of macrophage - cancer cell crosstalk in estrogen receptor positive and triple-negative breast cancer. <i>Scientific Reports</i> , 2015, 5, 9188.	3.3	119
11	VEGFR3 Modulates Vascular Permeability by Controlling VEGF/VEGFR2 Signaling. <i>Circulation Research</i> , 2017, 120, 1414-1425.	4.5	117
12	Chronic High-Fat Diet Impairs Collecting Lymphatic Vessel Function in Mice. <i>PLoS ONE</i> , 2014, 9, e94713.	2.5	113
13	Restoration of lymphatic function rescues obesity in Prox1-haploinsufficient mice. <i>JCI Insight</i> , 2016, 1, .	5.0	110
14	Blockade of VEGF-C and VEGF-D modulates adipose tissue inflammation and improves metabolic parameters under high-fat diet. <i>Molecular Metabolism</i> , 2015, 4, 93-105.	6.5	105
15	VEGF-C and VEGF-D Blockade Inhibits Inflammatory Skin Carcinogenesis. <i>Cancer Research</i> , 2013, 73, 4212-4221.	0.9	72
16	Decline of lymphatic vessel density and function in murine skin during aging. <i>Angiogenesis</i> , 2015, 18, 489-498.	7.2	63
17	Expansion of the lymphatic vasculature in cancer and inflammation: New opportunities for in vivo imaging and drug delivery. <i>Journal of Controlled Release</i> , 2013, 172, 550-557.	9.9	52
18	Transgenic overexpression of VEGF-C induces weight gain and insulin resistance in mice. <i>Scientific Reports</i> , 2016, 6, 31566.	3.3	52

#	ARTICLE	IF	CITATIONS
19	An Important Role of VEGF-C in Promoting Lymphedema Development. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1995-2004.	0.7	52
20	Novel role for ALCAM in lymphatic network formation and function. <i>FASEB Journal</i> , 2013, 27, 978-990.	0.5	44
21	Endothelial cell-derived semaphorin 3A inhibits filopodia formation by blood vascular tip cells. <i>Development (Cambridge)</i> , 2016, 143, 589-594.	2.5	39
22	Capillary Rarefaction in Obesity and Metabolic Diseases—Organ-Specificity and Possible Mechanisms. <i>Cells</i> , 2020, 9, 2683.	4.1	38
23	Antibody-mediated delivery of VEGF-C potently reduces chronic skin inflammation. <i>JCI Insight</i> , 2018, 3, .	5.0	34
24	3-hydroxy-L-kynurenamine is an immunomodulatory biogenic amine. <i>Nature Communications</i> , 2021, 12, 4447.	12.8	30
25	Regulation of lymphangiogenesis in the diaphragm by macrophages and VEGFR-3 signaling. <i>Angiogenesis</i> , 2016, 19, 513-524.	7.2	29
26	Interplay of vascular endothelial growth factor receptors in organ-specific vessel maintenance. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	25
27	Retrograde Lymph Flow Leads to Chylothorax in Transgenic Mice with Lymphatic Malformations. <i>American Journal of Pathology</i> , 2017, 187, 1984-1997.	3.8	22
28	Alternative transcription of a shorter, non-anti-angiogenic thrombospondin-2 variant in cancer-associated blood vessels. <i>Oncogene</i> , 2018, 37, 2573-2585.	5.9	22
29	An important role of cutaneous lymphatic vessels in coordinating and promoting anagen hair follicle growth. <i>PLoS ONE</i> , 2019, 14, e0220341.	2.5	22
30	VEGF-C/VEGFR-3 signalling in macrophages ameliorates acute lung injury. <i>European Respiratory Journal</i> , 2022, 59, 2100880.	6.7	19
31	Lymphatics in nanophysiology. <i>Advanced Drug Delivery Reviews</i> , 2014, 74, 12-18.	13.7	14
32	The Role of Neuropilin-1/Semaphorin 3A Signaling in Lymphatic Vessel Development and Maturation. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2014, 214, 143-152.	1.6	13
33	Predicting In Vivo Payloads Delivery using a Blood-brain Tumor-barrier in a Dish. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	12
34	High-Fat Diet in the Absence of Obesity Does Not Aggravate Surgically Induced Lymphoedema in Mice. <i>European Surgical Research</i> , 2017, 58, 180-192.	1.3	11
35	Stimulation and Inhibition of Lymphangiogenesis Via Adeno-Associated Viral Gene Delivery. <i>Methods in Molecular Biology</i> , 2018, 1846, 291-300.	0.9	6
36	Midkine and Melanoma Metastasis: A Malevolent Mix. <i>Developmental Cell</i> , 2017, 42, 205-207.	7.0	4

#	ARTICLE	IF	CITATIONS
37	The lymphatic system. , 2017, , .		2
38	A closer look at adipose tissue lymphatics and their markers. Current Opinion in Hematology, 2022, Publish Ahead of Print, .	2.5	2
39	ORAI1 Controls the Unique Adjustment of Lymphatics to Fluid Flow. Circulation Research, 2017, 120, 1373-1375.	4.5	0
40	845 Dermal lymphatic vessels promote hair follicle growth via the BMP inhibitor Sostdc1. Journal of Investigative Dermatology, 2017, 137, S145.	0.7	0
41	Endothelial cell-derived semaphorin 3A inhibits filopodia formation by blood vascular tip cells. Journal of Cell Science, 2016, 129, e1.1-e1.1.	2.0	0