

# Young-Kwon Hong

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

2,330  
citations

331670

21  
h-index

233421

45  
g-index

60  
all docs

60  
docs citations

60  
times ranked

3732  
citing authors

#	ARTICLE	IF	CITATIONS
1	Meningeal lymphatic vessels at the skull base drain cerebrospinal fluid. <i>Nature</i> , 2019, 572, 62-66.	27.8	445
2	Intestinal Enteroendocrine Lineage Cells Possess Homeostatic and Injury-Inducible Stem Cell Activity. <i>Cell Stem Cell</i> , 2017, 21, 78-90.e6.	11.1	280
3	Visualization of lymphatic vessels by Prox1-promoter directed GFP reporter in a bacterial artificial chromosome-based transgenic mouse. <i>Blood</i> , 2011, 117, 362-365.	1.4	223
4	Lymphatic regulator PROX1 determines Schlemm's canal integrity and identity. <i>Journal of Clinical Investigation</i> , 2014, 124, 3960-3974.	8.2	141
5	Impaired angiopoietin/Tie2 signaling compromises Schlemm's canal integrity and induces glaucoma. <i>Journal of Clinical Investigation</i> , 2017, 127, 3877-3896.	8.2	98
6	Context-dependent functions of angiopoietin 2 are determined by the endothelial phosphatase VEPTP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1298-1303.	7.1	85
7	YAP and TAZ Negatively Regulate Prox1 During Developmental and Pathologic Lymphangiogenesis. <i>Circulation Research</i> , 2019, 124, 225-242.	4.5	67
8	Novel Characterization and Live Imaging of Schlemm's Canal Expressing Prox-1. <i>PLoS ONE</i> , 2014, 9, e98245.	2.5	62
9	Lymphatic exosomes promote dendritic cell migration along guidance cues. <i>Journal of Cell Biology</i> , 2018, 217, 2205-2221.	5.2	57
10	ORAI1 Activates Proliferation of Lymphatic Endothelial Cells in Response to Laminar Flow Through KrÄppel-Like Factors 2 and 4. <i>Circulation Research</i> , 2017, 120, 1426-1439.	4.5	55
11	Complementary Wnt Sources Regulate Lymphatic Vascular Development via PROX1-Dependent Wnt/ $\beta$ -Catenin Signaling. <i>Cell Reports</i> , 2018, 25, 571-584.e5.	6.4	55
12	DeepCAGE Transcriptomics Reveal an Important Role of the Transcription Factor MAFB in the Lymphatic Endothelium. <i>Cell Reports</i> , 2015, 13, 1493-1504.	6.4	46
13	Development and Characterization of A Novel Prox1-EGFP Lymphatic and Schlemm's Canal Reporter Rat. <i>Scientific Reports</i> , 2017, 7, 5577.	3.3	45
14	Preferential Lymphatic Growth in Bronchus-Associated Lymphoid Tissue in Sustained Lung Inflammation. <i>American Journal of Pathology</i> , 2014, 184, 1577-1592.	3.8	43
15	Postnatal development of lymphatic vasculature in the brain meninges. <i>Developmental Dynamics</i> , 2018, 247, 741-753.	1.8	43
16	Aberrant Activation of Notch Signaling Inhibits PROX1 Activity to Enhance the Malignant Behavior of Thyroid Cancer Cells. <i>Cancer Research</i> , 2016, 76, 582-593.	0.9	39
17	Topical Fibronectin Improves Wound Healing of Irradiated Skin. <i>Scientific Reports</i> , 2017, 7, 3876.	3.3	33
18	Deep tissue analysis of distal aqueous drainage structures and contractile features. <i>Scientific Reports</i> , 2017, 7, 17071.	3.3	31

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19	GATA2 controls lymphatic endothelial cell junctional integrity and lymphovenous valve morphogenesis through <i>miR-126</i> . <i>Development (Cambridge)</i> , 2019, 146, .	2.5	30
20	Perfusable micro-vascularized 3D tissue array for high-throughput vascular phenotypic screening. <i>Nano Convergence</i> , 2022, 9, 16.	12.1	28
21	Organogenesis and distribution of the ocular lymphatic vessels in the anterior eye. <i>JCI Insight</i> , 2020, 5, .	5.0	27
22	Efficient Assessment of Developmental, Surgical and Pathological Lymphangiogenesis Using a Lymphatic Reporter Mouse and Its Embryonic Stem Cells. <i>PLoS ONE</i> , 2016, 11, e0157126.	2.5	26
23	Simultaneous <i>in vivo</i> imaging of blood and lymphatic vessel growth in Prox1 <sup>cre</sup> /Flk1 <sup>myr</sup> mCherry mice. <i>FEBS Journal</i> , 2015, 282, 1458-1467.	4.7	24
24	Ras Pathways on Prox1 and Lymphangiogenesis: Insights for Therapeutics. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 597374.	2.4	23
25	Tetracyclines improve experimental lymphatic filariasis pathology by disrupting interleukin-4 receptor-mediated lymphangiogenesis. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	23
26	Lymphatic Proliferation Ameliorates Pulmonary Fibrosis after Lung Injury. <i>American Journal of Pathology</i> , 2020, 190, 2355-2375.	3.8	21
27	Novel Discovery of LYVE-1 Expression in the Hyaloid Vascular System. , 2010, 51, 6157.		20
28	Advances in Renal Cell Imaging. <i>Seminars in Nephrology</i> , 2018, 38, 52-62.	1.6	19
29	Deregulation of HDAC5 by Viral Interferon Regulatory Factor 3 Plays an Essential Role in Kaposi's Sarcoma-Associated Herpesvirus-Induced Lymphangiogenesis. <i>MBio</i> , 2018, 9, .	4.1	18
30	Terminating Cancer by Blocking VISTA as a Novel Immunotherapy: Hasta la vista, baby. <i>Frontiers in Oncology</i> , 2021, 11, 658488.	2.8	17
31	Piezo1-Regulated Mechanotransduction Controls Flow-Activated Lymphatic Expansion. <i>Circulation Research</i> , 2022, 131, .	4.5	16
32	Thrombospondin-2 overexpression in the skin of transgenic mice reduces the susceptibility to chemically induced multistep skin carcinogenesis. <i>Journal of Dermatological Science</i> , 2014, 74, 106-115.	1.9	15
33	DeepCAGE transcriptomics identify HOXD10 as transcription factor regulating lymphatic endothelial responses to VEGF-C. <i>Journal of Cell Science</i> , 2016, 129, 2573-85.	2.0	15
34	Rapamycin up-regulates triglycerides in hepatocytes by down-regulating Prox1. <i>Lipids in Health and Disease</i> , 2016, 15, 41.	3.0	14
35	Exosomes as a Communication Tool Between the Lymphatic System and Bladder Cancer. <i>International Neurourology Journal</i> , 2018, 22, 220-224.	1.2	13
36	Aqueous humour outflow imaging: seeing is believing. <i>Eye</i> , 2021, 35, 202-215.	2.1	12

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37	Serial intravital imaging captures dynamic and functional endothelial remodeling with single-cell resolution. <i>JCI Insight</i> , 2021, 6, .	5.0	12
38	Limited versus total epithelial debridement ocular surface injury: Live fluorescence imaging of hemangiogenesis and lymphangiogenesis in Prox1-GFP/Flk1::Myr-mCherry mice. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 2148-2156.	2.4	11
39	Prevention of postsurgical lymphedema via immediate delivery of sustained-release retinoic acid to the lymphadenectomy site. <i>Journal of Surgical Oncology</i> , 2020, 121, 100-108.	1.7	11
40	The Lymphatic Cell Environment Promotes Kaposi Sarcoma Development by Prox1-Enhanced Productive Lytic Replication of Kaposi Sarcoma Herpes Virus. <i>Cancer Research</i> , 2020, 80, 3130-3144.	0.9	11
41	Small Peptide Modulation of Fibroblast Growth Factor Receptor 3-Dependent Postnatal Lymphangiogenesis. <i>Lymphatic Research and Biology</i> , 2019, 17, 19-29.	1.1	10
42	Dose-response relationship of pulmonary disorders by inhalation exposure to cross-linked water-soluble acrylic acid polymers in F344 rats. <i>Particle and Fibre Toxicology</i> , 2022, 19, 27.	6.2	9
43	A Pre-clinical Animal Model of Secondary Head and Neck Lymphedema. <i>Scientific Reports</i> , 2019, 9, 18264.	3.3	8
44	Ischemia and reperfusion injury in superficial inferior epigastric artery-based vascularized lymph node flaps. <i>PLoS ONE</i> , 2020, 15, e0227599.	2.5	8
45	Structural Confirmation of Lymphatic Outflow from Subconjunctival Blebs of Live Humans. <i>Ophthalmology Science</i> , 2021, 1, 100080.	2.5	8
46	Mesenchymal Stromal Cells Isolated from Irradiated Human Skin Have Diminished Capacity for Proliferation, Differentiation, Colony Formation, and Paracrine Stimulation. <i>Stem Cells Translational Medicine</i> , 2019, 8, 925-934.	3.3	7
47	Endothelial lineage-specific interaction of Mycobacterium tuberculosis with the blood and lymphatic systems. <i>Tuberculosis</i> , 2018, 111, 1-7.	1.9	6
48	Toward in vivo two-photon analysis of mouse aqueous outflow structure and function. <i>Experimental Eye Research</i> , 2017, 158, 161-170.	2.6	5
49	VE-Cadherin: A Critical Sticking Point for Lymphatic System Maintenance: Role of VE-Cadherin in Lymphatic Maintenance. <i>Circulation Research</i> , 2022, 130, 24-26.	4.5	5
50	Aqueous outflow channels and its lymphatic association: A review. <i>Survey of Ophthalmology</i> , 2022, 67, 659-674.	4.0	3
51	PROX1, a Key Mediator of the Anti-Proliferative Effect of Rapamycin on Hepatocellular Carcinoma Cells. <i>Cells</i> , 2022, 11, 446.	4.1	3
52	Prox1 expression in the endolymphatic sac revealed by whole-mount fluorescent imaging of Prox1-GFP transgenic mice. <i>Biochemical and Biophysical Research Communications</i> , 2015, 457, 19-22.	2.1	2
53	From Bench to Bedside: The Role of a Multidisciplinary Approach to Treating Patients with Lymphedema. <i>Lymphatic Research and Biology</i> , 2021, 19, 11-16.	1.1	2
54	Molecular Control of Lymphatic System Development. , 0, , 1553-1567.		0

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55	Title is missing!. , 2020, 15, e0227599.		0
56	Title is missing!. , 2020, 15, e0227599.		0
57	Title is missing!. , 2020, 15, e0227599.		0
58	Title is missing!. , 2020, 15, e0227599.		0
59	Pro-resolving lipid mediators in traumatic brain injury: emerging concepts and translational approach.. American Journal of Translational Research (discontinued), 2022, 14, 1482-1494.	0.0	0