

Jeong Hee Hong

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,744
citations

331538

21
h-index

289141

40
g-index

58
all docs

58
docs citations

58
times ranked

2223
citing authors

#	ARTICLE	IF	CITATIONS
1	Chloride Channels and Transporters: Roles beyond Classical Cellular Homeostatic pH or Ion Balance in Cancers. <i>Cancers</i> , 2022, 14, 856.	1.7	11
2	Dynamic synovial fibroblasts are modulated by NBCn1 as a potential target in rheumatoid arthritis. <i>Experimental and Molecular Medicine</i> , 2022, 54, 503-517.	3.2	13
3	Estrogen treatment reduced oxalate transporting activity and enhanced migration through the involvement of SLC26A6 in lung cancer cells. <i>Toxicology in Vitro</i> , 2022, 82, 105373.	1.1	7
4	Physiological Overview of the Potential Link between the UPS and Ca ²⁺ Signaling. <i>Antioxidants</i> , 2022, 11, 997.	2.2	7
5	Cellular channelopathy mediated by hypergravity: IL-6-mediated Nkcc1 activation and enhanced Trpm2 expression in rat atrium. <i>Cell and Tissue Research</i> , 2021, 383, 1017-1024.	1.5	7
6	Ca ²⁺ Signaling as the Untact Mode during Signaling in Metastatic Breast Cancer. <i>Cancers</i> , 2021, 13, 1473.	1.7	8
7	Modulated Start-Up Mode of Cancer Cell Migration Through Spinophilin-Tubular Networks. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 652791.	1.8	6
8	Signalling and putative therapeutic molecules on the regulation of synoviocyte signalling in rheumatoid arthritis. <i>Bone and Joint Research</i> , 2021, 10, 285-297.	1.3	10
9	Ubiquitin-Conjugating Enzymes in Cancer. <i>Cells</i> , 2021, 10, 1383.	1.8	22
10	Synovial Fluid of Patient With Rheumatoid Arthritis Enhanced Osmotic Sensitivity Through the Cytotoxic Edema Module in Synoviocytes. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 700879.	1.8	4
11	A Cardioplegic Solution with an Understanding of a Cardiochannelopathy. <i>Antioxidants</i> , 2021, 10, 1878.	2.2	2
12	Intracellular Ca ²⁺ -Mediated AE2 Is Involved in the Vectorial Movement of HaCaT Keratinocyte. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8429.	1.8	10
13	Protective Role of IRBIT on Sodium Bicarbonate Cotransporter-n1 for Migratory Cancer Cells. <i>Pharmaceutics</i> , 2020, 12, 816.	2.0	11
14	Effects of antioxidants on oxidative stress and inflammatory responses of human bronchial epithelial cells exposed to particulate matter and cigarette smoke extract. <i>Toxicology in Vitro</i> , 2020, 67, 104883.	1.1	25
15	The Role of Ca ²⁺ -NFATc1 Signaling and Its Modulation on Osteoclastogenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3646.	1.8	47
16	Nanoparticle-Mediated Therapeutic Application for Modulation of Lysosomal Ion Channels and Functions. <i>Pharmaceutics</i> , 2020, 12, 217.	2.0	12
17	The Fundamental Role of Bicarbonate Transporters and Associated Carbonic Anhydrase Enzymes in Maintaining Ion and pH Homeostasis in Non-Secretory Organs. <i>International Journal of Molecular Sciences</i> , 2020, 21, 339.	1.8	33
18	Physiological application of nanoparticles in calcium-related proteins and channels. <i>Nanomedicine</i> , 2019, 14, 2479-2486.	1.7	6

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19	An overview of carbonic anhydrases and membrane channels of synoviocytes in inflamed joints. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019, 34, 1615-1622.	2.5	7
20	Apoptotic lysosomal proton sponge effect in tumor tissue by cationic gold nanorods. <i>Nanoscale</i> , 2019, 11, 19980-19993.	2.8	35
21	Enhanced Activity by NKCC1 and Slc26a6 Mediates Acidic pH and Cl ⁻ Movement after Cardioplegia-Induced Arrest of db/db Diabetic Heart. <i>Mediators of Inflammation</i> , 2019, 2019, 1-12.	1.4	7
22	Drug Repurposing as an Antitumor Agent: Disulfiram-Mediated Carbonic Anhydrase 12 and Anion Exchanger 2 Modulation to Inhibit Cancer Cell Migration. <i>Molecules</i> , 2019, 24, 3409.	1.7	17
23	Carbonic anhydrase 12 mutation modulates membrane stability and volume regulation of aquaporin 5. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019, 34, 179-188.	2.5	10
24	Mutual Destruction of Deep Lung Tumor Tissues by Nanodrug-Conjugated Stealth Mesenchymal Stem Cells. <i>Advanced Science</i> , 2018, 5, 1700860.	5.6	24
25	The overview of channels, transporters, and calcium signaling molecules during amelogenesis. <i>Archives of Oral Biology</i> , 2018, 93, 47-55.	0.8	10
26	Cancer Treatment: Mutual Destruction of Deep Lung Tumor Tissues by Nanodrug-Conjugated Stealth Mesenchymal Stem Cells (Adv. Sci. 5/2018). <i>Advanced Science</i> , 2018, 5, 1870030.	5.6	1
27	PEGylated anticancer-carbon nanotubes complex targeting mitochondria of lung cancer cells. <i>Nanotechnology</i> , 2017, 28, 465102.	1.3	53
28	Covalent, Non-Covalent, Encapsulated Nanodrug Regulate the Fate of Intra- and Extracellular Trafficking: Impact on Cancer and Normal Cells. <i>Scientific Reports</i> , 2017, 7, 6454.	1.6	21
29	Two Phase Modulation of NH ₄ ⁺ Entry and Cl ⁻ /HCO ₃ ⁻ Exchanger in Submandibular Glands Cells by Dexmedetomidine. <i>Frontiers in Physiology</i> , 2017, 8, 86.	1.3	9
30	Dust particles-induced intracellular Ca ²⁺ signaling and reactive oxygen species in lung fibroblast cell line MRC5. <i>Korean Journal of Physiology and Pharmacology</i> , 2017, 21, 327.	0.6	12
31	STIM-TRP Pathways and Microdomain Organization: Ca ²⁺ Influx Channels: The Orai-STIM1-TRPC Complexes. <i>Advances in Experimental Medicine and Biology</i> , 2017, 993, 139-157.	0.8	31
32	The Regulatory Role of Rolipram on Inflammatory Mediators and Cholinergic/Adrenergic Stimulation-Induced Signals in Isolated Primary Mouse Submandibular Gland Cells. <i>Mediators of Inflammation</i> , 2016, 2016, 1-11.	1.4	14
33	Governing effect of regulatory proteins for Cl ⁻ /HCO ₃ ⁻ exchanger 2 activity. <i>Channels</i> , 2016, 10, 214-224.	1.5	13
34	Essential role of carbonic anhydrase XII in secretory gland fluid and HCO ₃ ⁻ secretion revealed by disease causing human mutation. <i>Journal of Physiology</i> , 2015, 593, 5299-5312.	1.3	37
35	Dexmedetomidine Modulates Histamine-induced Ca ²⁺ Signaling and Pro-inflammatory Cytokine Expression. <i>Korean Journal of Physiology and Pharmacology</i> , 2015, 19, 413.	0.6	14
36	Nanomaterials-Based Approaches for the Modulation of Sodium Bicarbonate Cotransporters. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-7.	1.5	1

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37	The Effect of Therapeutic Blockades of Dust Particles-Induced Ca ²⁺ Signaling and Proinflammatory Cytokine IL-8 in Human Bronchial Epithelial Cells. <i>Mediators of Inflammation</i> , 2015, 2015, 1-12.	1.4	7
38	Peptidoglycan Induces the Production of Interleukin-8 via Calcium Signaling in Human Gingival Epithelium. <i>Korean Journal of Physiology and Pharmacology</i> , 2015, 19, 51.	0.6	8
39	Induction of IL-6 and IL-8 by activation of thermosensitive TRP channels in human PDL cells. <i>Archives of Oral Biology</i> , 2015, 60, 526-532.	0.8	20
40	Intracellular Cl ⁻ as a signaling ion that potently regulates Na ⁺ /HCO ₃ ⁻ transporters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E329-37.	3.3	57
41	Bacterial PAMPs and Allergens Trigger Increase in [Ca ²⁺] _i -induced Cytokine Expression in Human PDL Fibroblasts. <i>Korean Journal of Physiology and Pharmacology</i> , 2015, 19, 291.	0.6	5
42	Molecular Determinants Mediating Gating of Transient Receptor Potential Canonical (TRPC) Channels by Stromal Interaction Molecule 1 (STIM1). <i>Journal of Biological Chemistry</i> , 2014, 289, 6372-6382.	1.6	80
43	Mechanism and synergism in epithelial fluid and electrolyte secretion. <i>Pflügers Archiv European Journal of Physiology</i> , 2014, 466, 1487-1499.	1.3	52
44	Irbit Mediates Synergy Between Ca ²⁺ and cAMP Signaling Pathways During Epithelial Transport in Mice. <i>Gastroenterology</i> , 2013, 145, 232-241.	0.6	81
45	Convergence of IRBIT, phosphatidylinositol (4,5) bisphosphate, and WNK/SPAK kinases in regulation of the Na ⁺ -HCO ₃ ⁻ cotransporters family. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4105-4110.	3.3	69
46	The WNK/SPAK and IRBIT/PP1 Pathways in Epithelial Fluid and Electrolyte Transport. <i>Physiology</i> , 2012, 27, 291-299.	1.6	36
47	STIM-TRP Pathways. , 2012, , 57-72.		2
48	Polarized but Differential Localization and Recruitment of STIM1, Orai1 and TRPC Channels in Secretory Cells. <i>Traffic</i> , 2011, 12, 232-245.	1.3	116
49	An endoplasmic reticulum/plasma membrane junction: STIM1/Orai1/TRPCs. <i>FEBS Letters</i> , 2010, 584, 2022-2027.	1.3	125
50	House dust mite extract activates apical Cl ⁻ channels through protease-activated receptor 2 in human airway epithelia. <i>Journal of Cellular Biochemistry</i> , 2010, 109, 1254-1263.	1.2	27
51	Alteration of RANKL-Induced Osteoclastogenesis in Primary Cultured Osteoclasts From SERCA2+ ^{-/-} Mice. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 1763-1769.	3.1	32
52	Deletion of TRPC3 in Mice Reduces Store-Operated Ca ²⁺ Influx and the Severity of Acute Pancreatitis. <i>Gastroenterology</i> , 2009, 137, 1509-1517.	0.6	129
53	Mite and Cockroach Allergens Activate Protease-Activated Receptor 2 and Delay Epidermal Permeability Barrier Recovery. <i>Journal of Investigative Dermatology</i> , 2008, 128, 1930-1939.	0.3	165
54	K6PC-5, a Direct Activator of Sphingosine Kinase 1, Promotes Epidermal Differentiation Through Intracellular Ca ²⁺ Signaling. <i>Journal of Investigative Dermatology</i> , 2008, 128, 2166-2178.	0.3	39

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55	K6PC-5, a sphingosine kinase activator, induces anti-aging effects in intrinsically aged skin through intracellular Ca ²⁺ signaling. <i>Journal of Dermatological Science</i> , 2008, 51, 89-102.	1.0	20
56	Chitinase Activates Protease-Activated Receptor-2 in Human Airway Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 39, 530-535.	1.4	32
57	Expression of Ca ²⁺ -dependent Synaptotagmin Isoforms in Mouse and Rat Parotid Acinar Cells. <i>Yonsei Medical Journal</i> , 2006, 47, 70.	0.9	6
58	German cockroach extract activates protease-activated receptor 2 in human airway epithelial cells. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 113, 315-319.	1.5	79