

Tae-Joo Park

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

2,447
citations

430874

18
h-index

265206

42
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49
all docs

49
docs citations

49
times ranked

3662
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrin β 1-like 1 protein (ITGBL1) promotes cell migration by preferentially inhibiting integrin-ECM binding at the trailing edge. <i>Genes and Genomics</i> , 2022, 44, 405.	1.4	1
2	Augmented ERAD (ER-associated degradation) activity in chondrocytes is necessary for cartilage development and maintenance. <i>Science Advances</i> , 2022, 8, eabl4222.	10.3	13
3	Precision targeting tumor cells using cancer-specific InDel mutations with CRISPR-Cas9. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	15
4	Physiological Functions of Thiol Peroxidases (Gpx1 and Prdx2) during <i>Xenopus laevis</i> Embryonic Development. <i>Antioxidants</i> , 2021, 10, 1636.	5.1	0
5	Simple Method To Characterize the Ciliary Proteome of Multiciliated Cells. <i>Journal of Proteome Research</i> , 2020, 19, 391-400.	3.7	11
6	Alpha-tocopherol exerts protective function against the mucotoxicity of particulate matter in amphibian and human goblet cells. <i>Scientific Reports</i> , 2020, 10, 6224.	3.3	5
7	<i>Xenopus gpx3</i> Mediates Posterior Development by Regulating Cell Death during Embryogenesis. <i>Antioxidants</i> , 2020, 9, 1265.	5.1	6
8	HRP-conjugated plug-and-playable IgG-binding nanobodies as secondary antibody mimics in immunoassays. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128312.	7.8	14
9	Extracellular matrixes and neuroinflammation. <i>BMB Reports</i> , 2020, 53, 491-499.	2.4	22
10	Peroxiredoxin5 Controls Vertebrate Ciliogenesis by Modulating Mitochondrial Reactive Oxygen Species. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 1731-1745.	5.4	13
11	Lysine demethylase 3a in craniofacial and neural development during <i>Xenopus</i> embryogenesis. <i>International Journal of Molecular Medicine</i> , 2019, 43, 1105-1113.	4.0	3
12	Physiological effects of KDM5C on neural crest migration and eye formation during vertebrate development. <i>Epigenetics and Chromatin</i> , 2018, 11, 72.	3.9	19
13	ITGBL1 modulates integrin activity to promote cartilage formation and protect against arthritis. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	38
14	KDM1A microenvironment, its oncogenic potential, and therapeutic significance. <i>Epigenetics and Chromatin</i> , 2018, 11, 33.	3.9	44
15	<i>Xenopus</i> : An alternative model system for identifying muco-active agents. <i>PLoS ONE</i> , 2018, 13, e0193310.	2.5	5
16	Peroxiredoxin1, a novel regulator of pronephros development, influences retinoic acid and Wnt signaling by controlling ROS levels. <i>Scientific Reports</i> , 2017, 7, 8874.	3.3	20
17	A Gap Junction Protein GJA1 is Necessary for Proper Ciliary Formation. <i>Mechanisms of Development</i> , 2017, 145, S101-S102.	1.7	0
18	IFT46 plays crucial roles in craniofacial and cilia development. <i>Biochemical and Biophysical Research Communications</i> , 2016, 477, 419-425.	2.1	11

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19	The ciliopathy-associated CPLANE proteins direct basal body recruitment of intraflagellar transport machinery. <i>Nature Genetics</i> , 2016, 48, 648-656.	21.4	119
20	Anti-septic effects of pelargonidin on HMGB1-induced responses in vitro and in vivo. <i>Archives of Pharmacal Research</i> , 2016, 39, 1726-1738.	6.3	21
21	Notch1 deficiency decreases hepatic lipid accumulation by induction of fatty acid oxidation. <i>Scientific Reports</i> , 2016, 6, 19377.	3.3	25
22	Crystal structure of SEL1L: Insight into the roles of SLR motifs in ERAD pathway. <i>Scientific Reports</i> , 2016, 6, 20261.	3.3	19
23	A Recombinant Secondary Antibody Mimic as a Target-specific Signal Amplifier and an Antibody Immobilizer in Immunoassays. <i>Scientific Reports</i> , 2016, 6, 24159.	3.3	11
24	An enhanced ascorbate peroxidase 2/antibody-binding domain fusion protein (APEX2-ABD) as a recombinant target-specific signal amplifier. <i>Chemical Communications</i> , 2015, 51, 10945-10948.	4.1	18
25	The planar cell polarity effector protein Wdpcp (Fritz) controls epithelial cell cortex dynamics via septins and actomyosin. <i>Biochemical and Biophysical Research Communications</i> , 2015, 456, 562-566.	2.1	14
26	Spectroscopic characterization of biochemical states of myoglobin in beef in different environments. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 28, 302-306.	5.8	2
27	Damage-associated molecular patterns and their pathological relevance in diabetes mellitus. <i>Ageing Research Reviews</i> , 2015, 24, 66-76.	10.9	48
28	BIX-01294-induced autophagy regulates elongation of primary cilia. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 428-433.	2.1	14
29	A thioredoxin fold protein Sh3bgr regulates Enah and is necessary for proper sarcomere formation. <i>Developmental Biology</i> , 2015, 405, 1-9.	2.0	12
30	Integrin signaling in cartilage development. <i>Animal Cells and Systems</i> , 2014, 18, 365-371.	2.2	15
31	Steps Towards a Modular Theory of Disease. <i>Biophysical Journal</i> , 2012, 102, 9a.	0.5	0
32	RFX2 is broadly required for ciliogenesis during vertebrate development. <i>Developmental Biology</i> , 2012, 363, 155-165.	2.0	98
33	High-Magnification In Vivo Imaging of <i>Xenopus</i> Embryos for Cell and Developmental Biology. <i>Cold Spring Harbor Protocols</i> , 2010, 2010, pdb.prot5427.	0.3	42
34	Systematic discovery of nonobvious human disease models through orthologous phenotypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6544-6549.	7.1	275
35	Planar Cell Polarity Acts Through Septins to Control Collective Cell Movement and Ciliogenesis. <i>Science</i> , 2010, 329, 1337-1340.	12.6	309
36	Regulation of ciliary polarity by the APC/C. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 17799-17804.	7.1	49

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37	S03-01. Planar cell polarity: Linking developmental regulatory mechanisms to basic cellular machinery during morphogenesis. <i>Mechanisms of Development</i> , 2009, 126, S4.	1.7	0
38	Molecular Cloning and Characterization of a Paramyosin from <i>Clonorchis sinensis</i> . <i>Korean Journal of Parasitology</i> , 2009, 47, 359.	1.3	22
39	Dishevelled controls apical docking and planar polarization of basal bodies in ciliated epithelial cells. <i>Nature Genetics</i> , 2008, 40, 871-879.	21.4	419
40	Whole-Mount Fluorescence Immunocytochemistry on <i>Xenopus</i> Embryos. <i>Cold Spring Harbor Protocols</i> , 2008, 2008, pdb.prot4957.	0.3	51
41	Identification of novel ciliogenesis factors using a new in vivo model for mucociliary epithelial development. <i>Developmental Biology</i> , 2007, 312, 115-130.	2.0	109
42	Ciliogenesis defects in embryos lacking inturned or fuzzy function are associated with failure of planar cell polarity and Hedgehog signaling. <i>Nature Genetics</i> , 2006, 38, 303-311.	21.4	356
43	Subcellular Localization and Signaling Properties of Dishevelled in Developing Vertebrate Embryos. <i>Current Biology</i> , 2005, 15, 1039-1044.	3.9	98