

Bisei Ohkawara

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

3,159
citations

218677

26
h-index

155660

55
g-index

58
all docs

58
docs citations

58
times ranked

5135
citing authors

#	ARTICLE	IF	CITATIONS
1	Meclozine ameliorates skeletal muscle pathology and increases muscle forces in mdx mice. <i>Biochemical and Biophysical Research Communications</i> , 2022, 592, 87-92.	2.1	0
2	Promethazine Downregulates Wnt/ β -Catenin Signaling and Increases the Biomechanical Forces of the Injured Achilles Tendon in the Early Stage of Healing. <i>American Journal of Sports Medicine</i> , 2022, 50, 1317-1327.	4.2	2
3	Possible Repositioning of an Oral Anti-Osteoporotic Drug, Ipriflavone, for Treatment of Inflammatory Arthritis via Inhibitory Activity of KIAA1199, a Novel Potent Hyaluronidase. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4089.	4.1	3
4	Secreted Signaling Molecules at the Neuromuscular Junction in Physiology and Pathology. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2455.	4.1	20
5	Zonisamide upregulates neuregulin-1 expression and enhances acetylcholine receptor clustering at the in vitro neuromuscular junction. <i>Neuropharmacology</i> , 2021, 195, 108637.	4.1	2
6	Regulated splicing of large exons is linked to phase separation of vertebrate transcription factors. <i>EMBO Journal</i> , 2021, 40, e107485.	7.8	8
7	Gene Expression Profile at the Motor Endplate of the Neuromuscular Junction of Fast-Twitch Muscle. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 154.	2.9	12
8	Zonisamide ameliorates neuropathic pain partly by suppressing microglial activation in the spinal cord in a mouse model. <i>Life Sciences</i> , 2020, 263, 118577.	4.3	7
9	Zonisamide ameliorates progression of cervical spondylotic myelopathy in a rat model. <i>Scientific Reports</i> , 2020, 10, 13138.	3.3	10
10	tRIP-seq reveals repression of premature polyadenylation by co-transcriptional FUS-U1 snRNP assembly. <i>EMBO Reports</i> , 2020, 21, e49890.	4.5	18
11	Inhibition of cyclooxygenase-1 by nonsteroidal anti-inflammatory drugs demethylates MeR2 enhancer and promotes Mbnl1 transcription in myogenic cells. <i>Scientific Reports</i> , 2020, 10, 2558.	3.3	12
12	Congenital myasthenic syndrome-associated agrin variants affect clustering of acetylcholine receptors in a domain-specific manner. <i>JCI Insight</i> , 2020, 5, .	5.0	15
13	CTGF/CCN2 facilitates LRP4-mediated formation of the embryonic neuromuscular junction. <i>EMBO Reports</i> , 2020, 21, e48462.	4.5	15
14	Mianserin suppresses R-spondin 2-induced activation of Wnt/ β -catenin signaling in chondrocytes and prevents cartilage degradation in a rat model of osteoarthritis. <i>Scientific Reports</i> , 2019, 9, 2808.	3.3	19
15	Lack of Fgf18 causes abnormal clustering of motor nerve terminals at the neuromuscular junction with reduced acetylcholine receptor clusters. <i>Scientific Reports</i> , 2018, 8, 434.	3.3	12
16	Differential effects of spinal motor neuron-derived and skeletal muscle-derived Rspo2 on acetylcholine receptor clustering at the neuromuscular junction. <i>Scientific Reports</i> , 2018, 8, 13577.	3.3	11
17	Agrin-LRP4-MuSK signaling as a therapeutic target for myasthenia gravis and other neuromuscular disorders. <i>Expert Opinion on Therapeutic Targets</i> , 2017, 21, 949-958.	3.4	44
18	SRSF1 suppresses selection of intron-distal 5' splice site of DOK7 intron 4 to generate functional full-length Dok-7 protein. <i>Scientific Reports</i> , 2017, 7, 10446.	3.3	4

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19	Activated FGFR3 promotes bone formation via accelerating endochondral ossification in mouse model of distraction osteogenesis. <i>Bone</i> , 2017, 105, 42-49.	2.9	14
20	Wnt/ β -catenin signaling suppresses expressions of Scx, Mlx, and Tnmd in tendon-derived cells. <i>PLoS ONE</i> , 2017, 12, e0182051.	2.5	44
21	Fluoxetine ameliorates cartilage degradation in osteoarthritis by inhibiting Wnt/ β -catenin signaling. <i>PLoS ONE</i> , 2017, 12, e0184388.	2.5	27
22	R-spondin 2 facilitates differentiation of proliferating chondrocytes into hypertrophic chondrocytes by enhancing Wnt/ β -catenin signaling in endochondral ossification. <i>Biochemical and Biophysical Research Communications</i> , 2016, 473, 255-264.	2.1	31
23	Competitive regulation of alternative splicing and alternative polyadenylation by hnRNP H and CstF64 determines acetylcholinesterase isoforms. <i>Nucleic Acids Research</i> , 2016, 45, gkw823.	14.5	53
24	Recent advances in congenital myasthenic syndromes. <i>Clinical and Experimental Neuroimmunology</i> , 2016, 7, 246-259.	1.0	9
25	Molecular hydrogen suppresses activated Wnt/ β -catenin signaling. <i>Scientific Reports</i> , 2016, 6, 31986.	3.3	20
26	R-spondin 2 promotes acetylcholine receptor clustering at the neuromuscular junction via Lgr5. <i>Scientific Reports</i> , 2016, 6, 28512.	3.3	24
27	Phenylbutazone induces expression of MBNL1 and suppresses formation of MBNL1-CUG RNA foci in a mouse model of myotonic dystrophy. <i>Scientific Reports</i> , 2016, 6, 25317.	3.3	29
28	Tranilast stimulates endochondral ossification by upregulating SOX9 and RUNX2 promoters. <i>Biochemical and Biophysical Research Communications</i> , 2016, 470, 356-361.	2.1	8
29	Repositioning again of zonisamide for nerve regeneration. <i>Neural Regeneration Research</i> , 2016, 11, 541.	3.0	5
30	Collagen Q and anti-MuSK autoantibody competitively suppress agrin/LRP4/MuSK signaling. <i>Scientific Reports</i> , 2015, 5, 13928.	3.3	54
31	Lansoprazole Upregulates Polyubiquitination of the TNF Receptor-Associated Factor 6 and Facilitates Runx2-mediated Osteoblastogenesis. <i>EBioMedicine</i> , 2015, 2, 2046-2061.	6.1	15
32	Zonisamide Enhances Neurite Elongation of Primary Motor Neurons and Facilitates Peripheral Nerve Regeneration In Vitro and in a Mouse Model. <i>PLoS ONE</i> , 2015, 10, e0142786.	2.5	28
33	Position-specific binding of FUS to nascent RNA regulates mRNA length. <i>Genes and Development</i> , 2015, 29, 1045-1057.	5.9	98
34	A missense mutation in domain III in HSPG2 in Schwartzâ€™s Jampel syndrome compromises secretion of perlecan into the extracellular space. <i>Neuromuscular Disorders</i> , 2015, 25, 667-671.	0.6	18
35	Impaired Synaptic Development, Maintenance, and Neuromuscular Transmission in LRP4-Related Myasthenia. <i>JAMA Neurology</i> , 2015, 72, 889.	9.0	41
36	Congenital myasthenic syndrome in Japan: Ethnically unique mutations in muscle nicotinic acetylcholine receptor subunits. <i>Neuromuscular Disorders</i> , 2015, 25, 60-69.	0.6	18

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37	Meclozine Promotes Longitudinal Skeletal Growth in Transgenic Mice with Achondroplasia Carrying a Gain-of-Function Mutation in the FGFR3 Gene. <i>Endocrinology</i> , 2015, 156, 548-554.	2.8	44
38	Verapamil Protects against Cartilage Degradation in Osteoarthritis by Inhibiting Wnt/ β -Catenin Signaling. <i>PLoS ONE</i> , 2014, 9, e92699.	2.5	67
39	LRP4 third β -propeller domain mutations cause novel congenital myasthenia by compromising agrin-mediated MuSK signaling in a position-specific manner. <i>Human Molecular Genetics</i> , 2014, 23, 1856-1868.	2.9	96
40	LRP4 induces extracellular matrix productions and facilitates chondrocyte differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 302-307.	2.1	25
41	RNA Helicase DDX3 Is a Regulatory Subunit of Casein Kinase 1 in Wnt/ β -Catenin Signaling. <i>Science</i> , 2013, 339, 1436-1441.	12.6	176
42	Meclozine Facilitates Proliferation and Differentiation of Chondrocytes by Attenuating Abnormally Activated FGFR3 Signaling in Achondroplasia. <i>PLoS ONE</i> , 2013, 8, e81569.	2.5	46
43	Rspo3 Binds Syndecan 4 and Induces Wnt/PCP Signaling via Clathrin-Mediated Endocytosis to Promote Morphogenesis. <i>Developmental Cell</i> , 2011, 20, 303-314.	7.0	200
44	An ATF2-based luciferase reporter to monitor non-canonical Wnt signaling in <i>xenopus</i> embryos. <i>Developmental Dynamics</i> , 2011, 240, 188-194.	1.8	63
45	Wnt/Frizzled Signaling Requires dPRR, the Drosophila Homolog of the Prorenin Receptor. <i>Current Biology</i> , 2010, 20, 1263-1268.	3.9	115
46	Requirement of Prorenin Receptor and Vacuolar H ⁺ -ATPase-Mediated Acidification for Wnt Signaling. <i>Science</i> , 2010, 327, 459-463.	12.6	514
47	The Wnt signaling regulator R-spondin 3 promotes angioblast and vascular development. <i>Development (Cambridge)</i> , 2008, 135, 3655-3664.	2.5	135
48	NARF, an Nemo-like Kinase (NLK)-associated Ring Finger Protein Regulates the Ubiquitylation and Degradation of T Cell Factor/Lymphoid Enhancer Factor (TCF/LEF). <i>Journal of Biological Chemistry</i> , 2006, 281, 20749-20760.	3.4	118
49	Role of the TAK1-NLK-STAT3 pathway in TGF- β -mediated mesoderm induction. <i>Genes and Development</i> , 2004, 18, 381-386.	5.9	96
50	Role of a BCL9-Related β -Catenin-Binding Protein, B9L, in Tumorigenesis Induced by Aberrant Activation of Wnt Signaling. <i>Cancer Research</i> , 2004, 64, 8496-8501.	0.9	87
51	Manipulation of Alternative Splicing by a Newly Developed Inhibitor of Clks. <i>Journal of Biological Chemistry</i> , 2004, 279, 24246-24254.	3.4	257
52	Characterization of a multipotent neural progenitor cell line cloned from an adult p53 ^{-/-} mouse cerebellum. <i>Brain Research</i> , 2003, 959, 11-19.	2.2	6
53	Negative regulation of Wnt signalling by HMG2L1, a novel NLK-binding protein. <i>Genes To Cells</i> , 2003, 8, 677-684.	1.2	30
54	Role of glypican 4 in the regulation of convergent extension movements during gastrulation in <i>Xenopus laevis</i> . <i>Development (Cambridge)</i> , 2003, 130, 2129-2138.	2.5	166

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55	Action Range of BMP Is Defined by Its N-Terminal Basic Amino Acid Core. <i>Current Biology</i> , 2002, 12, 205-209.	3.9	162