Unjoo Lee

List of Publications by Year in descending order

34 papers	602 citations	933447 10 h-index	642732 23 g-index
34 all docs	34 docs citations	34 times ranked	807 citing authors

#	Article	IF	Citations
1	Bmp Signal Gradient Modulates Convergent Cell Movement via Xarhgef3.2 during Gastrulation of Xenopus Embryos. Cells, 2022, 11, 44.	4.1	2
2	Smad2 and Smad3 differentially modulate chordin transcription via direct binding on the distal elements in gastrula Xenopus embryos. Biochemical and Biophysical Research Communications, 2021, 559, 168-175.	2.1	11
3	Functional Roles of FGF Signaling in Early Development of Vertebrate Embryos. Cells, 2021, 10, 2148.	4.1	17
4	Automatic, Qualitative Scoring of the Clock Drawing Test (CDT) Based on U-Net, CNN and Mobile Sensor Data. Sensors, 2021, 21, 5239.	3.8	11
5	Foxd4l1.1 Negatively Regulates Chordin Transcription in Neuroectoderm of Xenopus Gastrula. Cells, 2021, 10, 2779.	4.1	6
6	Goosecoid Controls Neuroectoderm Specification via Dual Circuits of Direct Repression and Indirect Stimulation in Xenopus Embryos. Molecules and Cells, 2021, 44, 723-735.	2.6	4
7	The Organizer and Its Signaling in Embryonic Development. Journal of Developmental Biology, 2021, 9, 47.	1.7	15
8	Alteration of the corpus callosum in patients with Alzheimerâ€™s disease: Deep learning-based assessment. PLoS ONE, 2021, 16, e0259051.	2.5	9
9	Risks of suicide attempts after prescription of zolpidem in people with depression: a nationwide population study in South Korea. Sleep, 2020, 43, .	1.1	11
10	Foxd4l1.1 negatively regulates transcription of neural repressor ventx1.1 during neuroectoderm formation in Xenopus embryos. Scientific Reports, 2020, 10, 16780.	3.3	12
11	Dusp1 modulates activin/smad2 mediated germ layer specification via FGF signal inhibition inXenopusembryos. Animal Cells and Systems, 2020, 24, 359-370.	2.2	11
12	Automatic, Qualitative Scoring of the Interlocking Pentagon Drawing Test (PDT) Based on U-Net and Mobile Sensor Data. Sensors, 2020, 20, 1283.	3.8	11
13	A Literature Overview of Virtual Reality (VR) in Treatment of Psychiatric Disorders: Recent Advances and Limitations. Frontiers in Psychiatry, 2019, 10, 505.	2.6	213
14	Machine-Learning Based Automatic and Real-time Detection of Mouse Scratching Behaviors. Experimental Neurobiology, 2019, 28, 54-61.	1.6	6
15	Ventx1.1 competes with a transcriptional activator Xcad2 to regulate negatively its own expression. BMB Reports, 2019, 52, 403-408.	2.4	13
16	Xbra and Smad-1 cooperate to activate the transcription of neural repressor ventx1.1 in Xenopus embryos. Scientific Reports, 2018, 8, 11391.	3.3	13
17	Ventx1.1 as a Direct Repressor of Early Neural Gene in. Molecules and Cells, 2018, 41, 1061-1071.	2.6	8
18	Dysregulation of the causative genes for hereditary parkinsonism in the midbrain in Parkinson's disease. Movement Disorders, 2017, 32, 1211-1220.	3.9	17

#	Article	IF	Citations
19	ExCNVSS: A Noise-Robust Method for Copy Number Variation Detection in Whole Exome Sequencing Data. BioMed Research International, 2017, 2017, 1-11.	1.9	4
20	Application of Functional Near-Infrared Spectroscopy to the Study of Brain Function in Humans and Animal Models. Molecules and Cells, 2017, 40, 523-532.	2.6	73
21	A Mobile Application for a Daily Assessment of Forearm Pronation and Supination Motor Activities as an Early Diagnostic Tool of Parkinson's Disease. Journal of Medical Imaging and Health Informatics, 2017, 7, 660-666.	0.3	1
22	A Validation Study of a Smartphone-Based Finger Tapping Application for Quantitative Assessment of Bradykinesia in Parkinsonâ€™s Disease. PLoS ONE, 2016, 11, e0158852.	2.5	91
23	An efficient noise reduction method for copy number variations detection from whole exome sequencing data. , 2016, , .		0
24	Mobile application of finger tapping task assessment for early diagnosis of Parkinson's disease. Electronics Letters, 2016, 52, 1976-1978.	1.0	6
25	Development of an Assessment Method of Forearm Pronation/Supination Motor Function based on Mobile Phone Accelerometer Data for an Early Diagnosis of Parkinsonâ€™s Disease. International Journal of Bio-Science and Bio-Technology, 2016, 8, 1-10.	0.2	5
26	xCyp26cInduced by Inhibition of BMP Signaling Is Involved in Anterior-Posterior Neural Patterning of Xenopus laevis. Molecules and Cells, 2016, 39, 352-357.	2.6	7
27	Draft Genome of Toxocara canis, a Pathogen Responsible for Visceral Larva Migrans. Korean Journal of Parasitology, 2016, 54, 751-758.	1.3	5
28	Asymmetrical changes of the pedunculopontine nucleus in a case of freezing of gait after carbon monoxide intoxication. Clinical Neurology and Neurosurgery, 2014, 125, 15-18.	1.4	4
29	Shape-based retrieval of CNV regions in read coverage data. International Journal of Data Mining and Bioinformatics, 2014, 9, 254.	0.1	0
30	A computational method for detecting copy number variations using scale-space filtering. BMC Bioinformatics, 2013, 14, 57.	2.6	8
31	TMS-induced EEG Artifacts Removal Methods based on Cross-Correlation Coefficients of ICA Components. International Journal of Bio-Science and Bio-Technology, 2013, 5, 161-170.	0.2	2
32	Detection of copy number variation using scale space filtering. , 2011, 2011, 5555-8.		1
33	Development of a Method of RNA-Seq Data Analysis. , 2011, , .		0
34	Development of a Neuron Based Internet Game Driven by a Brain-Computer Interface System. , 2006, , .		5