

Sung-Ho Lee

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

786
citations

623734

14
h-index

526287

27
g-index

36
all docs

36
docs citations

36
times ranked

1376
citing authors

#	ARTICLE	IF	CITATIONS
1	High-power biofuel cell textiles from woven bisrolled carbon nanotube yarns. <i>Nature Communications</i> , 2014, 5, 3928.	12.8	147
2	Intraarterially delivered human umbilical cord blood-derived mesenchymal stem cells in canine cerebral ischemia. <i>Journal of Neuroscience Research</i> , 2009, 87, 3554-3567.	2.9	77
3	<i>In vivo</i> and <i>ex vivo</i> evidence for ketamine-induced hyperglutamatergic activity in the cerebral cortex of the rat: Potential relevance to schizophrenia. <i>NMR in Biomedicine</i> , 2011, 24, 1235-1242.	2.8	59
4	Coordination of Brain-Wide Activity Dynamics by Dopaminergic Neurons. <i>Neuropsychopharmacology</i> , 2017, 42, 615-627.	5.4	59
5	Adolescent alcohol exposure decreases frontostriatal resting-state functional connectivity in adulthood. <i>Addiction Biology</i> , 2018, 23, 810-823.	2.6	58
6	Biothermal sensing of a torsional artificial muscle. <i>Nanoscale</i> , 2016, 8, 3248-3253.	5.6	46
7	Regional metabolic alteration of Alzheimer's disease in mouse brain expressing mutant human APP-PS1 by 1H HR-MAS [†] . <i>Behavioural Brain Research</i> , 2010, 211, 125-131.	2.2	42
8	Automatic Skull Stripping of Rat and Mouse Brain MRI Data Using U-Net. <i>Frontiers in Neuroscience</i> , 2020, 14, 568614.	2.8	38
9	Chemogenetic stimulation of tonic locus coeruleus activity strengthens the default mode network. <i>Science Advances</i> , 2022, 8, eabm9898.	10.3	36
10	Spectral fiber photometry derives hemoglobin concentration changes for accurate measurement of fluorescent sensor activity. <i>Cell Reports Methods</i> , 2022, 2, 100243.	2.9	23
11	Ex vivo detection for chronic ethanol consumption-induced neurochemical changes in rats. <i>Brain Research</i> , 2012, 1429, 134-144.	2.2	21
12	An isotropic EPI database and analytical pipelines for rat brain resting-state fMRI. <i>NeuroImage</i> , 2021, 243, 118541.	4.2	20
13	One-pot synthesis of carboxymethyl-dextran coated iron oxide nanoparticles (CION) for preclinical fMRI and MRA applications. <i>NeuroImage</i> , 2021, 238, 118213.	4.2	19
14	Reversal of myo-inositol metabolic level in the left dorsolateral prefrontal cortex of rats exposed to forced swimming test following desipramine treatment: an in vivo localized 1H-MRS study at 4.7 T. <i>Magnetic Resonance Imaging</i> , 2010, 28, 1461-1467.	1.8	16
15	Neural Pathway Interference by Retained Acupuncture: A Functional MRI Study of a Dog Model of Parkinson's Disease. <i>CNS Neuroscience and Therapeutics</i> , 2013, 19, 585-595.	3.9	15
16	Assessment of metabolic changes in the striatum of a MPTP-intoxicated canine model: in vivo 1H-MRS study of an animal model for Parkinson's disease. <i>Magnetic Resonance Imaging</i> , 2011, 29, 32-39.	1.8	13
17	Differential Neurochemical Responses of the Canine Striatum with Pentobarbital or Ketamine Anesthesia: A 3T Proton MRS Study. <i>Journal of Veterinary Medical Science</i> , 2010, 72, 583-587.	0.9	12
18	Quantitative analysis of hydrocephalic ventricular alterations in Yorkshire terriers using magnetic resonance imaging. <i>Veterinari Medicina</i> , 2010, 55, 125-132.	0.6	12

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19	DNA-coated MWNT microfibers for electrochemical actuator. <i>Sensors and Actuators B: Chemical</i> , 2012, 162, 173-177.	7.8	12
20	Electrocatalytic characteristics of electrodes based on ferritin/carbon nanotube composites for biofuel cells. <i>Sensors and Actuators B: Chemical</i> , 2011, 160, 384-388.	7.8	10
21	Simultaneous fMRI and fast-scan cyclic voltammetry bridges evoked oxygen and neurotransmitter dynamics across spatiotemporal scales. <i>NeuroImage</i> , 2021, 244, 118634.	4.2	10
22	3D U-Net Improves Automatic Brain Extraction for Isotropic Rat Brain Magnetic Resonance Imaging Data. <i>Frontiers in Neuroscience</i> , 2021, 15, 801008.	2.8	9
23	Relationship Between Dyslipidemia and Albuminuria in Hypertensive Adults. <i>Medicine (United States)</i> , 2016, 95, e3224.	1.0	8
24	Evaluation of a canine small intestinal submucosal xenograft and polypropylene mesh as bioscaffolds in an abdominal full-thickness resection model of growing rats. <i>Journal of Veterinary Science</i> , 2013, 14, 175.	1.3	6
25	Differential Localization of Pain-Related Neural Responses During Acupuncture Stimulation Using Blood Oxygen Level Dependent (BOLD) fMRI in a Canine Model. <i>The American Journal of Chinese Medicine</i> , 2012, 40, 919-936.	3.8	5
26	Altered Cortico-Subcortical Network After Adolescent Alcohol Exposure Mediates Behavioral Deficits in Flexible Decision-Making. <i>Frontiers in Pharmacology</i> , 2021, 12, 778884.	3.5	4
27	Regional Absolute Quantification of the Neurochemical Profile of the Canine Brain: Investigation by Proton Nuclear Magnetic Resonance Spectroscopy and Tissue Extraction. <i>Applied Magnetic Resonance</i> , 2010, 38, 65-74.	1.2	3
28	Preliminary Study for a Newly Designed Silicone Stent and Delivery System for Canine Obstructive Tracheal Disease. <i>Journal of Veterinary Medical Science</i> , 2012, 74, 1323-1326.	0.9	1
29	Spectral Fiber-Photometry Derives Hemoglobin-Absorption Changes for Accurate Measurement of Fluorescent Sensor Activity. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0