Jinyan Sun

List of Publications by Year
in descending order

20 papers	313 citations	1040056 9 h-index	888059 17 g-index
20 all docs	20 docs citations	20 times ranked	421 citing authors

#	Article	IF	Citations
1	Recent progress of nanogenerators acting as biomedical sensors in vivo. Science Bulletin, 2019, 64, 1336-1347.	9.0	91
2	Studying hemispheric lateralization during a Stroop task through near-infrared spectroscopy-based connectivity. Journal of Biomedical Optics, 2014, 19, 057012.	2.6	37
3	A fast neuronal signal-sensitive continuous-wave near-infrared imaging system. Review of Scientific Instruments, 2012, 83, 094301.	1.3	28
4	Gender differences in brain networks during verbal Sternberg tasks: A simultaneous nearâ€infrared spectroscopy and electroâ€encephalography study. Journal of Biophotonics, 2018, 11, e201700120.	2.3	22
5	Connectivity properties in the prefrontal cortex during working memory: a near-infrared spectroscopy study. Journal of Biomedical Optics, 2019, 24, 1.	2.6	22
6	Shape Designed Implanted Drug Delivery System for In Situ Hepatocellular Carcinoma Therapy. ACS Nano, 2022, 16, 8493-8503.	14.6	21
7	Detection of optical neuronal signals in the visual cortex using continuous wave near-infrared spectroscopy. NeuroImage, 2014, 87, 190-198.	4.2	20
8	Correlation between hemodynamic and electrophysiological signals dissociates neural correlates of conflict detection and resolution in a Stroop task: a simultaneous near-infrared spectroscopy and event-related potential study. Journal of Biomedical Optics, 2013, 18, 096014.	2.6	15
9	DETECTING BILATERAL FUNCTIONAL CONNECTIVITY IN THE PREFRONTAL CORTEX DURING A STROOP TASK BY NEAR-INFRARED SPECTROSCOPY. Journal of Innovative Optical Health Sciences, 2013, 06, 1350031.	1.0	12
10	Reduced prefrontal cortex activation in the color-word Stroop task for Chinese dyslexic children: a near-infrared spectroscopy study. Journal of Physics: Conference Series, 2011, 277, 012034.	0.4	8
11	Extracting heartrate from optical signal of functional near-infrared spectroscopy based on mathematical morphology. Journal of Innovative Optical Health Sciences, 2018, 11, 1850010.	1.0	8
12	Near-infrared spectroscopy as a promising tool in stroke: Current applications and future perspectives. Journal of Innovative Optical Health Sciences, 2021, 14, .	1.0	8
13	Self-Powered Electrical Impulse Chemotherapy for Oral Squamous Cell Carcinoma. Materials, 2022, 15, 2060.	2.9	6
14	Reorganization of prefrontal network in stroke patients with dyskinesias: evidence from restingâ€state functional nearâ€infrared spectroscopy. Journal of Biophotonics, 2022, 15, e202200014.	2.3	6
15	Semi-quantitative analysis on the content of berberine hydrochloride in compound berberine tablets with the fluorescence spectral imaging method. Journal of Innovative Optical Health Sciences, 2016, 09, 1650018.	1.0	3
16	The behavioral significance of resting state network after stroke: A study via graph theory analysis with near-infrared spectroscopy. Medicine in Novel Technology and Devices, 2021, 11, 100083.	1.6	3
17	Hasubanan alkaloids with anti-inflammatory activity from Stephania longa. Natural Product Research, 2022, 36, 2800-2805.	1.8	2
18	Studying hemispheric lateralization during a Stroop task by near-infrared spectroscopy. , 2014, , .		1

#	Article	IF	Citations
19	The Role of Phonological Processing in Semantic Access of Chinese Characters: A Near-Infrared Spectroscopy Study. Advances in Experimental Medicine and Biology, 2016, 923, 231-237.	1.6	0
20	A Brain Connectivity Toolbox for Functional Near-Infrared Spectroscopy Data. , 2022, , .		0