

Sabrina Brigadoi

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,340
citations

567281

15
h-index

361022

35
g-index

50
all docs

50
docs citations

50
times ranked

1551
citing authors

#	ARTICLE	IF	CITATIONS
1	A bilateral <scp>SPCN</scp> is elicited by toâ€œmemorized visual stimuli displayed along the vertical midline. <i>Psychophysiology</i> , 2022, 59, e14045.	2.4	4
2	The BabyGlucoLight Project: Understanding the Impact of Neonatal Glycemic Control on Brain Hemodynamics and Developmental Outcome in Very Preterm Neonates. , 2022, , .		0
3	Smartphone-based photogrammetry provides improved localization and registration of scalp-mounted neuroimaging sensors. <i>Scientific Reports</i> , 2022, 12, .	3.3	14
4	Construction and validation of a database of head models for functional imaging of the neonatal brain. <i>Human Brain Mapping</i> , 2021, 42, 567-586.	3.6	8
5	Accurate hemodynamic response estimation by removal of stimulus-evoked superficial response in fNIRS signals. <i>Journal of Neural Engineering</i> , 2021, 18, 036019.	3.5	1
6	Altering sensorimotor simulation impacts early stages of facial expression processing depending on individual differences in alexithymic traits. <i>Brain and Cognition</i> , 2021, 148, 105678.	1.8	12
7	Multivariate analysis of the systemic response to auditory stimulation: An integrative approach. <i>Experimental Physiology</i> , 2021, 106, 1072-1098.	2.0	8
8	fNIRS & e-drum: An ecological approach to monitor hemodynamic and behavioural effects of rhythmic auditory cueing training. <i>Brain and Cognition</i> , 2021, 151, 105753.	1.8	4
9	A neural network predicting the amplitude of the N2pc in individual EEG datasets. <i>Journal of Neural Engineering</i> , 2021, 18, 056044.	3.5	2
10	Regional Haemodynamic and Metabolic Coupling in Infants. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 780076.	2.0	3
11	A bilateral N2pc (N2pcb) component is elicited by search targets displayed on the vertical midline. <i>Psychophysiology</i> , 2020, 57, e13512.	2.4	6
12	A Time-Frequency Analysis for the Online Detection of the N2pc Event-Related Potential (ERP) Component in Individual EEG Datasets. , 2020, 2020, 1019-1022.		2
13	Multishell Diffusion MRIâ€“Based Tractography of the Facial Nerve in Vestibular Schwannoma. <i>American Journal of Neuroradiology</i> , 2020, 41, 1480-1486.	2.4	8
14	Computer data simulator to assess the accuracy of estimates of visual N2/N2pc event-related potential components. <i>Journal of Neural Engineering</i> , 2020, 17, 036024.	3.5	4
15	Development of a Computer Simulator of the Visual N2 Event-Related Potential Component for the Study of Cognitive Processes. <i>IFMBE Proceedings</i> , 2020, , 29-36.	0.3	1
16	A wide field-of-view, modular, high-density diffuse optical tomography system for minimally constrained three-dimensional functional neuroimaging. <i>Biomedical Optics Express</i> , 2020, 11, 4110.	2.9	17
17	Frontal haemodynamic responses in depression and the effect of electroconvulsive therapy. <i>Journal of Psychopharmacology</i> , 2019, 33, 1003-1014.	4.0	8
18	Reward motivation and neurostimulation interact to improve working memory performance in healthy older adults: A simultaneous tDCS-fNIRS study. <i>NeuroImage</i> , 2019, 202, 116062.	4.2	39

#	ARTICLE	IF	CITATIONS
19	Recommendations for motion correction of infant fNIRS data applicable to multiple data sets and acquisition systems. <i>NeuroImage</i> , 2019, 200, 511-527.	4.2	102
20	Functional dissociation of anterior cingulate cortex and intraparietal sulcus in visual working memory. <i>Cortex</i> , 2019, 121, 277-291.	2.4	20
21	Preoperative Prediction of Facial Nerve in Patients with Vestibular Schwannomas: The Role of Diffusion Tensor Imaging—A Systematic Review. <i>World Neurosurgery</i> , 2019, 125, 24-31.	1.3	12
22	Perception of Caucasian and African faces in 5- to 9-month-old Caucasian infants: A functional near-infrared spectroscopy study. <i>Neuropsychologia</i> , 2019, 126, 3-9.	1.6	9
23	Mapping hemodynamic changes during hypoglycemia in the very preterm neonatal brain: preliminary results. , 2019, , .		1
24	Integrating motion sensing and wearable, modular high-density diffuse optical tomography: preliminary results. , 2019, , .		4
25	Dynamic causal modelling on infant fNIRS data: A validation study on a simultaneously recorded fNIRS-fMRI dataset. <i>NeuroImage</i> , 2018, 175, 413-424.	4.2	30
26	On pacing trials while scanning brain hemodynamics: The case of the SNARC effect. <i>Psychonomic Bulletin and Review</i> , 2018, 25, 2267-2273.	2.8	3
27	Array Designer: automated optimized array design for functional near-infrared spectroscopy. <i>Neurophotonics</i> , 2018, 5, 1.	3.3	25
28	Image reconstruction of oxidized cerebral cytochrome C oxidase changes from broadband near-infrared spectroscopy data. <i>Neurophotonics</i> , 2017, 4, 021105.	3.3	17
29	On the Role of the Inferior Intraparietal Sulcus in Visual Working Memory for Lateralized Single-feature Objects. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 337-351.	2.3	13
30	Randomised controlled trial of ketamine augmentation of electroconvulsive therapy to improve neuropsychological and clinical outcomes in depression (Ketamine-ECT study). <i>Efficacy and Mechanism Evaluation</i> , 2017, 4, 1-112.	0.7	6
31	Prefrontal Cortex Activation Upon a Demanding Virtual Hand-Controlled Task: A New Frontier for Neuroergonomics. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 53.	2.0	33
32	Long-term continuous monitoring of the preterm brain with diffuse optical tomography and electroencephalography: a technical note on cap manufacturing. <i>Neurophotonics</i> , 2016, 3, 045009.	3.3	9
33	Measuring Cerebral Activation From fNIRS Signals: An Approach Based on Compressive Sensing and Taylor's Fourier Model. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2016, 65, 1310-1318.	4.7	12
34	A novel semi-immersive virtual reality visuo-motor task activates ventrolateral prefrontal cortex: a functional near-infrared spectroscopy study. <i>Journal of Neural Engineering</i> , 2016, 13, 036002.	3.5	20
35	Neurovascular Interactions in the Neurologically Compromised Neonatal Brain. <i>Advances in Experimental Medicine and Biology</i> , 2016, 876, 485-492.	1.6	3
36	Evaluating real-time image reconstruction in diffuse optical tomography using physiologically realistic test data. <i>Biomedical Optics Express</i> , 2015, 6, 4719.	2.9	10

#	ARTICLE	IF	CITATIONS
37	A compressive sensing spectral model for fNIRS haemodynamic response de-noising. , 2015, , .		2
38	Whole-head functional brain imaging of neonates at cot-side using time-resolved diffuse optical tomography. Proceedings of SPIE, 2015, , .	0.8	3
39	How short is short? Optimum source-detector distance for short-separation channels in functional near-infrared spectroscopy. Neurophotonics, 2015, 2, 025005.	3.3	218
40	Whole-head functional brain imaging of neonates at cot-side using time-resolved diffuse optical tomography. , 2015, , .		2
41	A 4D neonatal head model for diffuse optical imaging of pre-term to term infants. NeuroImage, 2014, 100, 385-394.	4.2	61
42	Mapping cortical haemodynamics during neonatal seizures using diffuse optical tomography: A case study. NeuroImage: Clinical, 2014, 5, 256-265.	2.7	43
43	Motion artifacts in functional near-infrared spectroscopy: A comparison of motion correction techniques applied to real cognitive data. NeuroImage, 2014, 85, 181-191.	4.2	397
44	Unleashing the future potential of functional near-infrared spectroscopy in brain sciences. Journal of Neuroscience Methods, 2014, 232, 152-156.	2.5	47
45	A reference-channel based methodology to improve estimation of event-related hemodynamic response from fNIRS measurements. NeuroImage, 2013, 72, 106-119.	4.2	48
46	Exploring the role of primary and supplementary motor areas in simple motor tasks with fNIRS. Cognitive Processing, 2012, 13, 97-101.	1.4	15
47	A methodology to improve estimation of stimulus-evoked hemodynamic response from fNIRS measurements. , 2011, 2011, 785-8.		6
48	Idiosyncratic control of the center of mass in expert climbers. Scandinavian Journal of Medicine and Science in Sports, 2011, 21, 688-699.	2.9	27
49	On target selection as reflected by posterior <scp>ERP</scp> components in feature-guided visual search. Psychophysiology, 0, , .	2.4	1