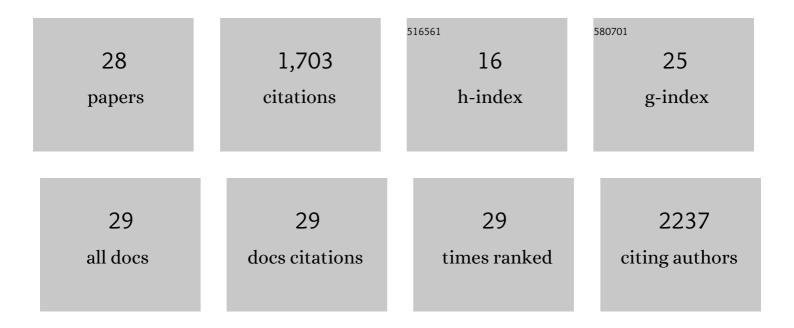
Katherine L Perdue

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Complete head cerebral sensitivity mapping for diffuse correlation spectroscopy using subject-specific magnetic resonance imaging models. Biomedical Optics Express, 2022, 13, 1131.	1.5	16
2	Neural responses to happy, fearful and angry faces of varying identities in 5- and 7-month-old infants. Developmental Cognitive Neuroscience, 2021, 47, 100882.	1.9	9
3	Exploring the relation between brain response to speech at 6-months and language outcomes at 24-months in infants at high and low risk for autism spectrum disorder: A preliminary functional near-infrared spectroscopy study. Developmental Cognitive Neuroscience, 2021, 47, 100897.	1.9	9
4	Infant brain responses to live face-to-face interaction with their mothers: Combining functional near-infrared spectroscopy (fNIRS) with a modified still-face paradigm. , 2020, 58, 101410.		13
5	The influence of maternal anxiety and depression symptoms on fNIRS brain responses to emotional faces in 5- and 7-month-old infants. , 2020, 59, 101447.		13
6	Using functional nearâ€infrared spectroscopy to assess social information processing in poor urban Bangladeshi infants and toddlers. Developmental Science, 2019, 22, e12839.	1.3	33
7	Infant brain responses to social sounds: A longitudinal functional near-infrared spectroscopy study. Developmental Cognitive Neuroscience, 2019, 36, 100638.	1.9	19
8	The infant brain in the social world: Moving toward interactive social neuroscience with functional near-infrared spectroscopy. Neuroscience and Biobehavioral Reviews, 2018, 87, 38-49.	2.9	74
9	Motion correction for infant functional near-infrared spectroscopy with an application to live interaction data. Neurophotonics, 2018, 5, 1.	1.7	27
10	Differing Developmental Trajectories in Heart Rate Responses to Speech Stimuli in Infants at High and Low Risk for Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2017, 47, 2434-2442.	1.7	15
11	Infants' neural responses to facial emotion in the prefrontal cortex are correlated with temperament: a functional near-infrared spectroscopy study. Frontiers in Psychology, 2015, 6, 922.	1.1	36
12	T1 magnetic resonance imaging head segmentation for diffuse optical tomography and electroencephalography. Journal of Biomedical Optics, 2014, 19, 026011.	1.4	23
13	Extraction of heart rate from functional near-infrared spectroscopy in infants. Journal of Biomedical Optics, 2014, 19, 067010.	1.4	34
14	A graphical user interface for infant ERP analysis. Behavior Research Methods, 2014, 46, 745-757.	2.3	10
15	Algorithm to find high density EEG scalp coordinates and analysis of their correspondence to structural and functional regions of the brain. Journal of Neuroscience Methods, 2014, 229, 84-96.	1.3	74
16	Effects of Spatial Pattern Scale of Brain Activity on the Sensitivity of DOT, fMRI, EEG and MEG. PLoS ONE, 2013, 8, e83299.	1.1	5
17	Quantifying the cortical contribution to the NIRS signal using simultaneous NIRS-BOLD measurements. , 2012, , .		0
18	Short separation channel location impacts the performance of short channel regression in NIRS. NeuroImage, 2012, 59, 2518-2528.	2.1	306

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#	Article	IF	CITATIONS
19	Quantification of the cortical contribution to the NIRS signal over the motor cortex using concurrent NIRS-fMRI measurements. NeuroImage, 2012, 59, 3933-3940.	2.1	182
20	Quantitative assessment of diffuse optical tomography sensitivity to the cerebral cortex using a whole-head probe. Physics in Medicine and Biology, 2012, 57, 2857-2872.	1.6	32
21	Improved recovery of the hemodynamic response in diffuse optical imaging using short optode separations and state-space modeling. NeuroImage, 2011, 56, 1362-1371.	2.1	232
22	Microstructural status of ipsilesional and contralesional corticospinal tract correlates with motor skill in chronic stroke patients. Human Brain Mapping, 2009, 30, 3461-3474.	1.9	257
23	A cerebrovascular response model for functional neuroimaging including dynamic cerebral autoregulation. Mathematical Biosciences, 2009, 220, 102-117.	0.9	22
24	Structural damage to the corticospinal tract correlates with bilateral sensorimotor cortex reorganization in stroke patients. NeuroImage, 2008, 39, 1370-1382.	2.1	112
25	Enhanced Cortical Activation in the Contralesional Hemisphere of Chronic Stroke Patients in Response to Motor Skill Challenge. Cerebral Cortex, 2008, 18, 638-647.	1.6	108
26	Finger motion sensors for fMRI motor studies. NeuroImage, 2006, 31, 1549-1559.	2.1	31
27	Exchange bias and giant magnetoresistance in spin valves with Angstro/spl uml/m-scale antiferromagnetic Layers at 5 K. IEEE Transactions on Magnetics, 2005, 41, 2706-2708.	1.2	6
28	Determining the spin dependent mean free path in Co90Fe10 using giant magnetoresistance. Journal of Applied Physics, 2005, 97, 10C513.	1.1	5