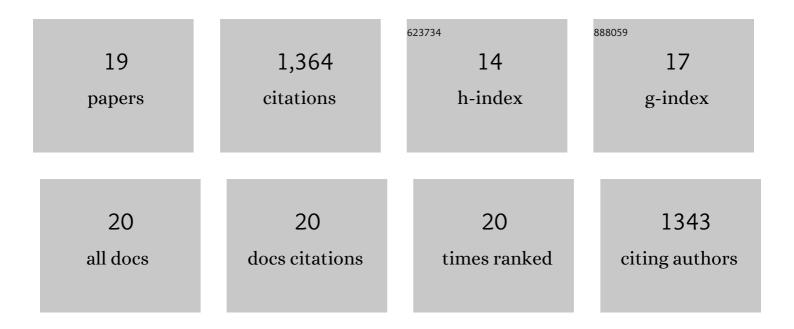
Silvina L Ferradal

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Mapping distributed brain function and networks with diffuse optical tomography. Nature Photonics, 2014, 8, 448-454.	31.4	459
2	A quantitative spatial comparison of high-density diffuse optical tomography and fMRI cortical mapping. NeuroImage, 2012, 61, 1120-1128.	4.2	205
3	Exploring early human brain development with structural and physiological neuroimaging. NeuroImage, 2019, 187, 226-254.	4.2	110
4	Atlas-based head modeling and spatial normalization for high-density diffuse optical tomography: In vivo validation against fMRI. NeuroImage, 2014, 85, 117-126.	4.2	105
5	Bedside optical imaging of occipital resting-state functional connectivity in neonates. NeuroImage, 2012, 59, 2529-2538.	4.2	92
6	Functional Imaging of the Developing Brain at the Bedside Using Diffuse Optical Tomography. Cerebral Cortex, 2016, 26, 1558-1568.	2.9	85
7	Statistical analysis of high density diffuse optical tomography. NeuroImage, 2014, 85, 104-116.	4.2	55
8	Non-invasive Assessment of Cerebral Blood Flow and Oxygen Metabolism in Neonates during Hypothermic Cardiopulmonary Bypass: Feasibility and Clinical Implications. Scientific Reports, 2017, 7, 44117.	3.3	41
9	Global motion detection and censoring in highâ€density diffuse optical tomography. Human Brain Mapping, 2020, 41, 4093-4112.	3.6	41
10	High-density diffuse optical tomography of term infant visual cortex in the nursery. Journal of Biomedical Optics, 2012, 17, 081414.	2.6	37
11	Quantitative evaluation of atlas-based high-density diffuse optical tomography for imaging of the human visual cortex. Biomedical Optics Express, 2014, 5, 3882.	2.9	34
12	System-Specific Patterns of Thalamocortical Connectivity in Early Brain Development as Revealed by Structural and Functional MRI. Cerebral Cortex, 2019, 29, 1218-1229.	2.9	24
13	Abnormalities in cerebral hemodynamics and changes with surgical intervention in neonates with congenital heart disease. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 2012-2021.	0.8	23
14	Fast and efficient image reconstruction for high density diffuse optical imaging of the human brain. Biomedical Optics Express, 2015, 6, 4567.	2.9	22
15	Functional Connectivity in Infancy and Toddlerhood Predicts Long-Term Language and Preliteracy Outcomes. Cerebral Cortex, 2022, 32, 725-736.	2.9	12
16	Evaluation of rigid registration methods for whole head imaging in diffuse optical tomography. Neurophotonics, 2015, 2, 035002.	3.3	11
17	Lightweight sCMOS-based high-density diffuse optical tomography. Neurophotonics, 2018, 5, 1.	3.3	7
18	Mapping Higher-Order Brain Function and Resting-State Networks with Diffuse Optical Tomography. ,		0

2014,,.

#	Article	IF	CITATIONS
19	Atlas-based high-density diffuse optical tomography for imaging the whole human cortex. , 2015, , .		0