

Laurence H Jackson

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

545
citations

840776

11
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

639
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated and efficient diffusion-relaxometry using ZEBRA. <i>Scientific Reports</i> , 2018, 8, 15138.	3.3	82
2	Combined diffusion-relaxometry MRI to identify dysfunction in the human placenta. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 95-106.	3.0	74
3	Deformable Slice-to-Volume Registration for Motion Correction of Fetal Body and Placenta MRI. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 2750-2759.	8.9	61
4	Multi-modal functional MRI to explore placental function over gestation. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 1191-1204.	3.0	60
5	T2* Placental Magnetic Resonance Imaging in Preterm Preeclampsia. <i>Hypertension</i> , 2020, 75, 1523-1531.	2.7	52
6	Complex Congenital Heart Disease Associated With Disordered Myocardial Architecture in a Midtrimester Human Fetus. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007753.	2.6	40
7	Fetal whole heart blood flow imaging using 4D cine MRI. <i>Nature Communications</i> , 2020, 11, 4992.	12.8	26
8	Multimodal Hydrogel-Based Platform To Deliver and Monitor Cardiac Progenitor/Stem Cell Engraftment. <i>ACS Central Science</i> , 2017, 3, 338-348.	11.3	25
9	Systematic evaluation of velocity-selective arterial spin labeling settings for placental perfusion measurement. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 1828-1843.	3.0	23
10	Data-Driven multi-Contrast spectral microstructure imaging with InSpect: INtegrated SPECTral component estimation and mapping. <i>Medical Image Analysis</i> , 2021, 71, 102045.	11.6	22
11	Perfusion and apparent oxygenation in the human placenta (PERFOX). <i>Magnetic Resonance in Medicine</i> , 2020, 83, 549-560.	3.0	20
12	Placental magnetic resonance imaging in chronic hypertension: A case-control study. <i>Placenta</i> , 2021, 104, 138-145.	1.5	13
13	T2* relaxometry to characterize normal placental development over gestation in-vivo at 3T. <i>Wellcome Open Research</i> , 0, 4, 166.	1.8	10
14	Myocardial Viability Imaging using Manganese-Enhanced MRI in the First Hours after Myocardial Infarction. <i>Advanced Science</i> , 2021, 8, e2003987.	11.2	8
15	Deformable Slice-to-Volume Registration for Reconstruction of Quantitative T2* Placental and Fetal MRI. <i>Lecture Notes in Computer Science</i> , 2020, , 222-232.	1.3	8
16	The use of functional placental magnetic resonance imaging for assessment of the placenta after prolonged preterm rupture of the membranes in vivo: A pilot study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2021, 100, 2244-2252.	2.8	6
17	Direct comparison of high-temporal-resolution CINE MRI with Doppler ultrasound for assessment of diastolic dysfunction in mice. <i>NMR in Biomedicine</i> , 2017, 30, e3763.	2.8	4
18	An efficient and combined placental ADC acquisition in pregnancies with and without preeclampsia. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 2684-2691.	3.0	2

#	ARTICLE	IF	CITATIONS
19	Anisotropy in the Human Placenta in Pregnancies Complicated by Fetal Growth Restriction. <i>Mathematics and Visualization</i> , 2021, , 263-276.	0.6	1