

Steve C N Hui

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3124755/publications.pdf>

Version: 2024-02-01

39
papers

842
citations

567144

15
h-index

610775

24
g-index

53
all docs

53
docs citations

53
times ranked

1060
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo spectral editing of phosphorylethanolamine. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 50-56.	1.9	4
2	Influence of editing pulse flip angle on J-difference MR spectroscopy. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 589-596.	1.9	4
3	Comparison of linear combination modeling strategies for edited magnetic resonance spectroscopy at 3T. <i>NMR in Biomedicine</i> , 2022, 35, e4618.	1.6	26
4	Edited magnetic resonance spectroscopy in the neonatal brain. <i>Neuroradiology</i> , 2022, 64, 217-232.	1.1	2
5	The macromolecular MR spectrum does not change with healthy aging. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1711-1719.	1.9	18
6	Importance of Linear Combination Modeling for Quantification of Glutathione and $\hat{\gamma}$ -Aminobutyric Acid Levels Using Hadamard-Edited Magnetic Resonance Spectroscopy. <i>Frontiers in Psychiatry</i> , 2022, 13, 872403.	1.3	7
7	<scp>MRSCloud</scp>: A cloud-based <scp>MRS</scp> tool for basis set simulation. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 1994-2004.	1.9	19
8	Frequency and phase correction of J-difference edited MR spectra using deep learning. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 1755-1765.	1.9	23
9	Comparison of different linear combination modeling algorithms for short-TE proton spectra. <i>NMR in Biomedicine</i> , 2021, 34, e4482.	1.6	53
10	Implications of Abdominal Adipose Tissue Distribution on Nonalcoholic Fatty Liver Disease and Metabolic Syndrome: A Chinese General Population Study. <i>Clinical and Translational Gastroenterology</i> , 2021, 12, e00300.	1.3	9
11	Frequency drift in MR spectroscopy at 3T. <i>NeuroImage</i> , 2021, 241, 118430.	2.1	28
12	Effect of Age on GABA+ and Glutathione in a Pediatric Sample. <i>American Journal of Neuroradiology</i> , 2020, 41, 1099-1104.	1.2	22
13	Osprey: Open-source processing, reconstruction & estimation of magnetic resonance spectroscopy data. <i>Journal of Neuroscience Methods</i> , 2020, 343, 108827.	1.3	108
14	The relationship between pancreas steatosis and the risk of metabolic syndrome and insulin resistance in Chinese adolescents with concurrent obesity and <scp>non-alcoholic</scp> fatty liver disease. <i>Pediatric Obesity</i> , 2020, 15, e12653.	1.4	24
15	Simultaneous edited MRS of GABA, glutathione, and ethanol. <i>NMR in Biomedicine</i> , 2020, 33, e4227.	1.6	7
16	Observed changes in brown, white, hepatic and pancreatic fat after bariatric surgery: Evaluation with MRI. <i>European Radiology</i> , 2019, 29, 849-856.	2.3	34
17	Magnetic Resonance Imaging-Based Morphological Change of Paraspinal Muscles in Girls With Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2019, 44, 1356-1363.	1.0	23
18	Altered White Matter Microstructure in the Corpus Callosum and Its Cerebral Interhemispheric Tracts in Adolescent Idiopathic Scoliosis: Diffusion Tensor Imaging Analysis. <i>American Journal of Neuroradiology</i> , 2018, 39, 1177-1184.	1.2	18

#	ARTICLE	IF	CITATIONS
19	Dietitian-led lifestyle modification programme for obese Chinese adolescents with non-alcoholic fatty liver disease: a randomized controlled study. <i>International Journal of Obesity</i> , 2018, 42, 1680-1690.	1.6	10
20	Anterior-posterior length discrepancy of the spinal column in adolescent idiopathic scoliosis—a 3D CT study. <i>Spine Journal</i> , 2018, 18, 2259-2265.	0.6	23
21	Automated segmentation of abdominal subcutaneous adipose tissue and visceral adipose tissue in obese adolescent in MRI. <i>Magnetic Resonance Imaging</i> , 2018, 45, 97-104.	1.0	20
22	Supplementary Addendum to “Radiation dose of digital radiography (DR) versus micro-dose x-ray (EOS) on patients with adolescent idiopathic scoliosis: 2016 SOSORT- IRSSD “John Sevastic Award” Winner in Imaging Research” <i>Scoliosis and Spinal Disorders</i> , 2018, 13, 1.	2.3	13
23	Validation of water-fat MRI and proton MRS in assessment of hepatic fat and the heterogeneous distribution of hepatic fat and iron in subjects with non-alcoholic fatty liver disease. <i>European Journal of Radiology</i> , 2018, 107, 7-13.	1.2	20
24	Quantification of brown and white adipose tissue based on Gaussian mixture model using water-fat and MRI in adolescents. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 758-768.	1.9	32
25	Upright, prone, and supine spinal morphology and alignment in adolescent idiopathic scoliosis. <i>Scoliosis and Spinal Disorders</i> , 2017, 12, 6.	2.3	52
26	Increased Glutamate in Somatosensory Cortex in Functional Dyspepsia. <i>Scientific Reports</i> , 2017, 7, 3926.	1.6	11
27	Asymmetry of the Vertebral Body and Pedicles in the True Transverse Plane in Adolescent Idiopathic Scoliosis: A CT-Based Study. <i>Spine Deformity</i> , 2017, 5, 37-45.	0.7	25
28	Radiation dose of digital radiography (DR) versus micro-dose x-ray (EOS) on patients with adolescent idiopathic scoliosis: 2016 SOSORT- IRSSD “John Sevastic Award” Winner in Imaging Research. <i>Scoliosis and Spinal Disorders</i> , 2016, 11, 46.	2.3	67
29	Upright, prone and supine spinal morphology in adolescent idiopathic scoliosis. <i>Spine Journal</i> , 2016, 16, S81.	0.6	0
30	Altered anisotropy and diffusivity of medulla oblongata and spinal cord in adolescent idiopathic scoliosis. <i>Scoliosis</i> , 2015, 10, .	0.4	1
31	Spinal cord morphology predicts curve progression in adolescent idiopathic scoliosis treated with bracing? A prospective cohort study with magnetic resonance imaging. <i>Scoliosis</i> , 2015, 10, .	0.4	1
32	MRI-based morphological evidence of spinal cord tethering predicts curve progression in adolescent idiopathic scoliosis. <i>Spine Journal</i> , 2015, 15, 1391-1401.	0.6	13
33	Ethical principles and standards for the conduct of biomedical research and publication. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2015, 38, 377-380.	1.4	13
34	Adaptive Distance Metric Learning for Diffusion Tensor Image Segmentation. <i>PLoS ONE</i> , 2014, 9, e92069.	1.1	11
35	Variation in Anisotropy and Diffusivity along the Medulla Oblongata and the Whole Spinal Cord in Adolescent Idiopathic Scoliosis: A Pilot Study Using Diffusion Tensor Imaging. <i>American Journal of Neuroradiology</i> , 2014, 35, 1621-1627.	1.2	24
36	Volumetric changes in cerebellar regions in adolescent idiopathic scoliosis compared with healthy controls. <i>Spine Journal</i> , 2013, 13, 1904-1911.	0.6	24

#	ARTICLE	IF	CITATIONS
37	Altered Topological Organization of Cortical Network in Adolescent Girls with Idiopathic Scoliosis. PLoS ONE, 2013, 8, e83767.	1.1	15
38	Application of Multimodal MR Imaging on Studying Alzheimer's Disease: A Survey. Current Alzheimer Research, 2013, 10, 877-892.	0.7	18
39	Cumulative Radiation Dose from Radiography in Preterm Infants during Hospitalisation. Hong Kong Journal of Radiology, 0, , 183-191.	0.1	3