

Eric C Wong

List of Publications by Year in descending order

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40
papers

9,475
citations

218677

26
h-index

315739

38
g-index

41
all docs

41
docs citations

41
times ranked

8851
citing authors

#	ARTICLE	IF	CITATIONS
1	Recommended implementation of arterial spin-labeled perfusion MRI for clinical applications: A consensus of the ISMRM perfusion study group and the European consortium for ASL in dementia. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 102-116.	3.0	1,663
2	Dynamics of blood flow and oxygenation changes during brain activation: The balloon model. <i>Magnetic Resonance in Medicine</i> , 1998, 39, 855-864.	3.0	1,526
3	A general kinetic model for quantitative perfusion imaging with arterial spin labeling. <i>Magnetic Resonance in Medicine</i> , 1998, 40, 383-396.	3.0	1,067
4	Attentional Activation of the Cerebellum Independent of Motor Involvement. <i>Science</i> , 1997, 275, 1940-1943.	12.6	722
5	Quantitative imaging of perfusion using a single subtraction (QUIPSS and QUIPSS II). <i>Magnetic Resonance in Medicine</i> , 1998, 39, 702-708.	3.0	653
6	Altered brain response to verbal learning following sleep deprivation. <i>Nature</i> , 2000, 403, 655-657.	27.8	563
7	Implementation of quantitative perfusion imaging techniques for functional brain mapping using pulsed arterial spin labeling. <i>NMR in Biomedicine</i> , 1997, 10, 237-249.	2.8	531
8	QUIPSS II with thin-slice T1 periodic saturation: A method for improving accuracy of quantitative perfusion imaging using pulsed arterial spin labeling. <i>Magnetic Resonance in Medicine</i> , 1999, 41, 1246-1254.	3.0	460
9	A theoretical and experimental comparison of continuous and pulsed arterial spin labeling techniques for quantitative perfusion imaging. <i>Magnetic Resonance in Medicine</i> , 1998, 40, 348-355.	3.0	228
10	Velocity-selective arterial spin labeling. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 1334-1341.	3.0	224
11	Correction of off resonance-related distortion in echo-planar imaging using EPI-based field maps. <i>Magnetic Resonance in Medicine</i> , 1998, 39, 328-330.	3.0	215
12	Vessel-encoded arterial spin labeling using pseudocontinuous tagging. <i>Magnetic Resonance in Medicine</i> , 2007, 58, 1086-1091.	3.0	193
13	The development of face and location processing: an fMRI study. <i>Developmental Science</i> , 2003, 6, 100-117.	2.4	184
14	Rehearsal in Spatial Working Memory: Evidence From Neuroimaging. <i>Psychological Science</i> , 1999, 10, 433-437.	3.3	174
15	Brain activation and pupil response during covert performance of the Stroop Color Word task. <i>Journal of the International Neuropsychological Society</i> , 1999, 5, 308-319.	1.8	138
16	Comparison of simultaneously measured perfusion and BOLD signal increases during brain activation with T1-based tissue identification. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 137-143.	3.0	130
17	Dynamic imaging of perfusion in human skeletal muscle during exercise with arterial spin labeling. <i>Magnetic Resonance in Medicine</i> , 1999, 42, 258-267.	3.0	110
18	Estimation of respiration-induced noise fluctuations from undersampled multislice fMRI data. <i>Magnetic Resonance in Medicine</i> , 2001, 45, 635-644.	3.0	84

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19	Effects of biophysical and physiologic parameters on brain activation-induced $R2^*$ and $R2$ changes: Simulations using a deterministic diffusion model. <i>International Journal of Imaging Systems and Technology</i> , 1995, 6, 133-152.	4.1	76
20	An introduction to ASL labeling techniques. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 1-10.	3.4	76
21	Slice profile effects in adiabatic inversion: Application to multislice perfusion imaging. <i>Magnetic Resonance in Medicine</i> , 1997, 38, 558-564.	3.0	75
22	Enhanced identification of BOLD-like components with multi-echo simultaneous multi-slice (MESMS) fMRI and multi-echo ICA. <i>NeuroImage</i> , 2015, 112, 43-51.	4.2	65
23	Awake Mouse Imaging: From Two-Photon Microscopy to Blood Oxygen Level-Dependent Functional Magnetic Resonance Imaging. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 533-542.	1.5	49
24	Probabilistic analysis of functional magnetic resonance imaging data. <i>Magnetic Resonance in Medicine</i> , 1998, 39, 132-148.	3.0	44
25	An optimized design to reduce eddy current sensitivity in velocity-selective arterial spin labeling using symmetric BIR-8 pulses. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1085-1094.	3.0	35
26	Increased SNR efficiency in velocity selective arterial spin labeling using multiple velocity selective saturation modules (mm ² -VSASL). <i>Magnetic Resonance in Medicine</i> , 2015, 74, 694-705.	3.0	29
27	Velocity-selective arterial spin labeling perfusion MRI: A review of the state of the art and recommendations for clinical implementation. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 1528-1547.	3.0	27
28	Blind detection of vascular sources and territories using random vessel encoded arterial spin labeling. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2012, 25, 95-101.	2.0	26
29	3-Nitropropionic Acid-Induced Ischemia Tolerance in the Rat Brain is Mediated by Reduced Metabolic Activity and Cerebral Blood Flow. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1522-1530.	4.3	23
30	Recommended implementation of arterial spin-labeled perfusion MRI for clinical applications: A consensus of the ISMRM perfusion study group and the European consortium for ASL in dementia. <i>Magnetic Resonance in Medicine</i> , 2015, 73, spcone.	3.0	19
31	A time encoding method for single-shot imaging. <i>Magnetic Resonance in Medicine</i> , 1995, 34, 618-622.	3.0	15
32	Fluid Mechanics of Mixing in the Vertebrobasilar System: Comparison of Simulation and MRI. <i>Cardiovascular Engineering and Technology</i> , 2012, 3, 450-461.	1.6	14
33	Local head gradient coils: Window(s) of opportunity. <i>NeuroImage</i> , 2012, 62, 660-664.	4.2	14
34	Direct Imaging of Functional Networks. <i>Brain Connectivity</i> , 2014, 4, 481-486.	1.7	6
35	VESPA ASL: VELOCITY and SPATIALLY Selective Arterial Spin Labeling. <i>Magnetic Resonance in Medicine</i> , 2022, , .	3.0	6
36	Single-shot, motion insensitive cardiac imaging on a standard clinical system. <i>Magnetic Resonance in Medicine</i> , 1998, 40, 930-933.	3.0	3

#	ARTICLE	IF	CITATIONS
37	Wedge-shaped slice-selective adiabatic inversion pulse for controlling temporal width of bolus in pulsed arterial spin labeling. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 838-847.	3.0	2
38	QUIPSS II with thin-slice T1 periodic saturation: A method for improving accuracy of quantitative perfusion imaging using pulsed arterial spin labeling. , 1999, 41, 1246.		2
39	Comparison of simultaneously measured perfusion and BOLD signal increases during brain activation with T1-based tissue identification. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 137-143.	3.0	2
40	Distributed Phase Oscillatory Excitation Efficiently Produces Attractors Using Spike-Timing-Dependent Plasticity. <i>Neural Computation</i> , 2022, 34, 415-436.	2.2	2