Eric C Wong

List of Publications by Year
in descending order

40 papers	9,475 citations	270111 25 h-index	388640 36 g-index
41 all docs	41 docs citations	41 times ranked	9948 citing authors

#	Article	IF	Citations
1	VESPA ASL: VElocity and SPAtially Selective Arterial Spin Labeling. Magnetic Resonance in Medicine, 2022, , .	1.9	6
2	Distributed Phase Oscillatory Excitation Efficiently Produces Attractors Using Spike-Timing-Dependent Plasticity. Neural Computation, 2022, 34, 415-436.	1.3	2
3	Velocityâ€selective arterial spin labeling perfusion MRI: A review of the state of the art and recommendations for clinical implementation. Magnetic Resonance in Medicine, 2022, 88, 1528-1547.	1.9	27
4	Awake Mouse Imaging: From Two-Photon Microscopy to Blood Oxygen Levelâ€“Dependent Functional Magnetic Resonance Imaging. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 533-542.	1.1	49
5	Wedgeâ€shaped sliceâ€selective adiabatic inversion pulse for controlling temporal width of bolus in pulsed arterial spin labeling. Magnetic Resonance in Medicine, 2016, 76, 838-847.	1.9	2
6	An optimized design to reduce eddy current sensitivity in velocity-selective arterial spin labeling using symmetric BIR-8 pulses. Magnetic Resonance in Medicine, 2015, 73, 1085-1094.	1.9	35
7	Increased SNR efficiency in velocity selective arterial spin labeling using multiple velocity selective saturation modules (mmâ€VSASL). Magnetic Resonance in Medicine, 2015, 74, 694-705.	1.9	29
8	Recommended implementation of arterial spinâ€labeled perfusion MRI for clinical applications: A consensus of the ISMRM perfusion study group and the European consortium for ASL in dementia. Magnetic Resonance in Medicine, 2015, 73, spcone.	1.9	19
9	Recommended implementation of arterial spinâ€labeled perfusion MRI for clinical applications: A consensus of the ISMRM perfusion study group and the European consortium for ASL in dementia. Magnetic Resonance in Medicine, 2015, 73, 102-116.	1.9	1,663
10	Enhanced identification of BOLD-like components with multi-echo simultaneous multi-slice (MESMS) fMRI and multi-echo ICA. NeuroImage, 2015, 112, 43-51.	2.1	65
11	An introduction to ASL labeling techniques. Journal of Magnetic Resonance Imaging, 2014, 40, 1-10.	1.9	76
12	3-Nitropropionic Acid-Induced Ischemia Tolerance in the Rat Brain is Mediated by Reduced Metabolic Activity and Cerebral Blood Flow. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 1522-1530.	2.4	23
13	Direct Imaging of Functional Networks. Brain Connectivity, 2014, 4, 481-486.	0.8	6
14	Fluid Mechanics of Mixing in the Vertebrobasilar System: Comparison of Simulation and MRI. Cardiovascular Engineering and Technology, 2012, 3, 450-461.	0.7	14
15	Local head gradient coils: Window(s) of opportunity. NeuroImage, 2012, 62, 660-664.	2.1	14
16	Blind detection of vascular sources and territories using random vessel encoded arterial spin labeling. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2012, 25, 95-101.	1.1	26
17	Velocityâ€encoded arterial spinâ€labeling using pseudocontinuous tagging. Magnetic Resonance in Medicine, 2007, 58, 1086-1091.	1.9	193
18	Velocity-selective arterial spin labeling. Magnetic Resonance in Medicine, 2006, 55, 1334-1341.	1.9	224

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19	The development of face and location processing: an fMRI study. Developmental Science, 2003, 6, 100-117.	1.3	184
20	Estimation of respiration-induced noise fluctuations from undersampled multislice fMRI data. Magnetic Resonance in Medicine, 2001, 45, 635-644.	1.9	84
21	Comparison of simultaneously measured perfusion and BOLD signal increases during brain activation withT1-based tissue identification. Magnetic Resonance in Medicine, 2000, 44, 137-143.	1.9	130
22	Altered brain response to verbal learning following sleep deprivation. Nature, 2000, 403, 655-657.	13.7	563
23	Comparison of simultaneously measured perfusion and BOLD signal increases during brain activation with T1-based tissue identification. , 2000, 44, 137.		2
24	Rehearsal in Spatial Working Memory: Evidence From Neuroimaging. Psychological Science, 1999, 10, 433-437.	1.8	174
25	QUIPSS II with thin-slice TI1 periodic saturation: A method for improving accuracy of quantitative perfusion imaging using pulsed arterial spin labeling. Magnetic Resonance in Medicine, 1999, 41, 1246-1254.	1.9	460
26	Dynamic imaging of perfusion in human skeletal muscle during exercise with arterial spin labeling. Magnetic Resonance in Medicine, 1999, 42, 258-267.	1.9	110
27	Brain activation and pupil response during covert performance of the Stroop Color Word task. Journal of the International Neuropsychological Society, 1999, 5, 308-319.	1.2	138
28	QUIPSS II with thin-slice TI1 periodic saturation: A method for improving accuracy of quantitative perfusion imaging using pulsed arterial spin labeling. , 1999, 41, 1246.		2
29	Probabilistic analysis of functional magnetic resonance imaging data. Magnetic Resonance in Medicine, 1998, 39, 132-148.	1.9	44
30	Correction of off resonance-related distortion in echo-planar imaging using EPI-based field maps. Magnetic Resonance in Medicine, 1998, 39, 328-330.	1.9	215
31	Quantitative imaging of perfusion using a single subtraction (QUIPSS and QUIPSS II). Magnetic Resonance in Medicine, 1998, 39, 702-708.	1.9	653
32	Dynamics of blood flow and oxygenation changes during brain activation: The balloon model. Magnetic Resonance in Medicine, 1998, 39, 855-864.	1.9	1,526
33	A theoretical and experimental comparison of continuous and pulsed arterial spin labeling techniques for quantitative perfusion imaging. Magnetic Resonance in Medicine, 1998, 40, 348-355.	1.9	228
34	A general kinetic model for quantitative perfusion imaging with arterial spin labeling. Magnetic Resonance in Medicine, 1998, 40, 383-396.	1.9	1,067
35	Single-shot, motion insensitive cardiac imaging on a standard clinical system. Magnetic Resonance in Medicine, 1998, 40, 930-933.	1.9	3
36	Attentional Activation of the Cerebellum Independent of Motor Involvement. Science, 1997, 275, 1940-1943.	6.0	722

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37	Slice profile effects in adiabatic inversion: Application to multislice perfusion imaging. Magnetic Resonance in Medicine, 1997, 38, 558-564.	1.9	75
38	Implementation of quantitative perfusion imaging techniques for functional brain mapping using pulsed arterial spin labeling. , 1997, 10, 237-249.		531
39	A time encoding method for single-shot imaging. Magnetic Resonance in Medicine, 1995, 34, 618-622.	1.9	15
40	Effects of biophysical and physiologic parameters on brain activation-inducedR2* andR2 changes: Simulations using a deterministic diffusion model. International Journal of Imaging Systems and Technology, 1995, 6, 133-152.	2.7	76