

Adam C Searleman

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

1,868
citations

15
h-index

31
g-index

31
ext. papers

2,211
ext. citations

8.8
avg, IF

4.1
L-index

#	Paper	IF	Citations
30	Anesthesia awareness and the bispectral index. <i>New England Journal of Medicine</i> , 2008 , 358, 1097-108	59.2	664
29	Activating HER2 mutations in HER2 gene amplification negative breast cancer. <i>Cancer Discovery</i> , 2013 , 3, 224-37	24.4	561
28	HER2 activating mutations are targets for colorectal cancer treatment. <i>Cancer Discovery</i> , 2015 , 5, 832-41	24.4	178
27	Long-term cognitive decline in older subjects was not attributable to noncardiac surgery or major illness. <i>Anesthesiology</i> , 2009 , 111, 964-70	4.3	131
26	A pharmacologic inhibitor of the protease Taspase1 effectively inhibits breast and brain tumor growth. <i>Cancer Research</i> , 2012 , 72, 736-46	10.1	36
25	Statistically identifying tumor suppressors and oncogenes from pan-cancer genome-sequencing data. <i>Bioinformatics</i> , 2015 , 31, 3561-8	7.2	30
24	3D adiabatic T prepared ultrashort echo time cones sequence for whole knee imaging. <i>Magnetic Resonance in Medicine</i> , 2018 , 80, 1429-1439	4.4	30
23	Whole knee joint T values measured in vivo at 3T by combined 3D ultrashort echo time cones actual flip angle and variable flip angle methods. <i>Magnetic Resonance in Medicine</i> , 2019 , 81, 1634-1644	4.4	30
22	Ultrashort echo time magnetic resonance imaging (UTE-MRI) of cortical bone correlates well with histomorphometric assessment of bone microstructure. <i>Bone</i> , 2019 , 123, 8-17	4.7	27
21	Fast quantitative 3D ultrashort echo time MRI of cortical bone using extended cones sampling. <i>Magnetic Resonance in Medicine</i> , 2019 , 82, 225-236	4.4	20
20	Volumetric mapping of bound and pore water as well as collagen protons in cortical bone using 3D ultrashort echo time cones MR imaging techniques. <i>Bone</i> , 2019 , 127, 120-128	4.7	19
19	Collagen proton fraction from ultrashort echo time magnetization transfer (UTE-MT) MRI modelling correlates significantly with cortical bone porosity measured with micro-computed tomography (μ CT). <i>NMR in Biomedicine</i> , 2019 , 32, e4045	4.4	19
18	Yet more evidence that myelin protons can be directly imaged with UTE sequences on a clinical 3T scanner: Bicomponent T2* analysis of native and deuterated ovine brain specimens. <i>Magnetic Resonance in Medicine</i> , 2018 , 80, 538-547	4.4	17
17	Simultaneous quantitative susceptibility mapping (QSM) and R2* for high iron concentration quantification with 3D ultrashort echo time sequences: An echo dependence study. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 2315-2322	4.4	16
16	Whole-Brain Myelin Imaging Using 3D Double-Echo Sliding Inversion Recovery Ultrashort Echo Time (DESIRE UTE) MRI. <i>Radiology</i> , 2020 , 294, 362-374	20.5	16
15	Taspase1-dependent TFIIA cleavage coordinates head morphogenesis by limiting Cdkn2a locus transcription. <i>Journal of Clinical Investigation</i> , 2015 , 125, 1203-14	15.9	15
14	Interpretive Differences Between Patients and Radiologists Regarding the Diagnostic Confidence Associated With Commonly Used Phrases in the Radiology Report. <i>American Journal of Roentgenology</i> , 2018 , 210, 123-126	5.4	14

13	True phase quantitative susceptibility mapping using continuous single-point imaging: a feasibility study. <i>Magnetic Resonance in Medicine</i> , 2019 , 81, 1907-1914	4.4	12
12	Tissue phosphoproteomics with PolyMAC identifies potential therapeutic targets in a transgenic mouse model of HER2 positive breast cancer. <i>Electrophoresis</i> , 2014 , 35, 3463-9	3.6	10
11	Inversion recovery UTE based volumetric myelin imaging in human brain using interleaved hybrid encoding. <i>Magnetic Resonance in Medicine</i> , 2020 , 83, 950-961	4.4	8
10	Inversion recovery zero echo time (IR-ZTE) imaging for direct myelin detection in human brain: a feasibility study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020 , 10, 895-906	3.6	5
9	Assessment of an in vitro model of rotator cuff degeneration using quantitative magnetic resonance and ultrasound imaging with biochemical and histological correlation. <i>European Journal of Radiology</i> , 2019 , 121, 108706	4.7	3
8	Cognitive Decline after Surgery and Illness. <i>Anesthesiology</i> , 2010 , 112, 1283-1285	4.3	2
7	Volumetric imaging of myelin in vivo using 3D inversion recovery-prepared ultrashort echo time cones magnetic resonance imaging. <i>NMR in Biomedicine</i> , 2020 , 33, e4326	4.4	2
6	Fast quantitative three-dimensional ultrashort echo time (UTE) Cones magnetic resonance imaging of major tissues in the knee joint using extended spiral sampling. <i>NMR in Biomedicine</i> , 2020 , 33, e4376	4.4	1
5	Taspase1 orchestrates fetal liver hematopoietic stem cell and vertebrae fates by cleaving TFIIA. <i>JCI Insight</i> , 2021 , 6,	9.9	1
4	AcidoCEST-UTE MRI Reveals an Acidic Microenvironment in Knee Osteoarthritis.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	1
3	Evaluation of enzymatic proteoglycan loss and collagen degradation in human articular cartilage using ultrashort echo time-based biomarkers: A feasibility study.. <i>NMR in Biomedicine</i> , 2021 , e4664	4.4	0
2	Current controversies in intraoperative awareness: 1148-171		
1	Incidental Liver Findings on Cross-sectional Imaging. <i>Radiologic Clinics of North America</i> , 2021 , 59, 569-593		3