

# Keith S Cover

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

814  
citations

758635

12  
h-index

794141

19  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1795  
citing authors

#	ARTICLE	IF	CITATIONS
1	Disturbed functional connectivity in brain tumour patients: Evaluation by graph analysis of synchronization matrices. <i>Clinical Neurophysiology</i> , 2006, 117, 2039-2049.	0.7	257
2	Hippocampal volume change measurement: Quantitative assessment of the reproducibility of expert manual outlining and the automated methods FreeSurfer and FIRST. <i>NeuroImage</i> , 2014, 92, 169-181.	2.1	117
3	Accelerating regional atrophy rates in the progression from normal aging to Alzheimer's disease. <i>European Radiology</i> , 2009, 19, 2826-2833.	2.3	88
4	Multiple sclerosis patients show a highly significant decrease in alpha band interhemispheric synchronization measured using MEG. <i>NeuroImage</i> , 2006, 29, 783-788.	2.1	73
5	Assessing the reproducibility of the SienaX and Siena brain atrophy measures using the ADNI back-to-back MP-RAGE MRI scans. <i>Psychiatry Research - Neuroimaging</i> , 2011, 193, 182-190.	0.9	43
6	Lifespan normative data on rates of brain volume changes. <i>Neurobiology of Aging</i> , 2019, 81, 30-37.	1.5	40
7	Validation of the automated method VIENA: An accurate, precise, and robust measure of ventricular enlargement. <i>Human Brain Mapping</i> , 2014, 35, 1101-1110.	1.9	32
8	Color intensity projections: A rapid approach for evaluating four-dimensional CT scans in treatment planning. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 64, 954-961.	0.4	29
9	Performance of five research-domain automated WM lesion segmentation methods in a multi-center MS study. <i>NeuroImage</i> , 2017, 163, 106-114.	2.1	27
10	COLOR INTENSITY PROJECTION OF DIGITALLY SUBTRACTED ANGIOGRAPHY FOR THE VISUALIZATION OF BRAIN ARTERIOVENOUS MALFORMATIONS. <i>Neurosurgery</i> , 2007, 60, 511-515.	0.6	25
11	Reproducibility of hippocampal atrophy rates measured with manual, FreeSurfer, AdaBoost, FSL/FIRST and the MAPS-HBSI methods in Alzheimer's disease. <i>Psychiatry Research - Neuroimaging</i> , 2016, 252, 26-35.	0.9	20
12	Reproducibility of Deep Gray Matter Atrophy Rate Measurement in a Large Multicenter Dataset. <i>American Journal of Neuroradiology</i> , 2018, 39, 46-53.	1.2	16
13	The SIENA/FSL whole brain atrophy algorithm is no more reproducible at 3 T than 1.5 T for Alzheimer's disease. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 14-21.	0.9	12
14	Can measuring hippocampal atrophy with a fully automatic method be substantially less noisy than manual segmentation over both 1 and 3 years?. <i>Psychiatry Research - Neuroimaging</i> , 2018, 280, 39-47.	0.9	11
15	Summarizing the 4D image stack of ultrafast dynamic contrast enhancement MRI of breast cancer in 3D using color intensity projections. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1391-1399.	1.9	8
16	A robust and reliable method for detecting signals of interest in multiexponential decays. <i>Review of Scientific Instruments</i> , 2008, 79, 055106.	0.6	6
17	Multiexponential reconstruction algorithm immune to false positive peak detection. <i>Review of Scientific Instruments</i> , 2006, 77, 075101.	0.6	5
18	Fitting a single equivalent current dipole model to MEG data with exhaustive search optimization is a simple, practical and very robust method given the speed of modern computers. <i>International Congress Series</i> , 2007, 1300, 121-124.	0.2	2

#	ARTICLE	IF	CITATIONS
19	Using color intensity projections to visualize air flow in operating theaters with the goal of reducing infections. , 2013, , .		2
20	Is It Possible for <scp>MRI</scp> Screening of Breast Cancer to be Available to Many More Women by Greatly Reducing its False Positive Detections via Ultrafast Time to Enhancement Measurements?. Journal of Magnetic Resonance Imaging, 2022, 55, 1633-1635.	1.9	1
21	Color intensity projections with hue cycling for intuitive and compressed presentation of motion in medical imaging modalities. Proceedings of SPIE, 2013, , .	0.8	0
22	P1-235: THE HIPPOCAMPAL BOUNDARY SHIFT INTEGRAL IS 70% MORE REPRODUCIBLE THAN OTHER ATROPHY ALGORITHMS. , 2014, 10, P390-P391.		0
23	IC-P-224: THE HIPPOCAMPAL BOUNDARY SHIFT INTEGRAL IS 70% MORE REPRODUCIBLE THAN OTHER ATROPHY ALGORITHMS. , 2014, 10, P120-P121.		0
24	IC-P-106: Reproducibility of hippocampal atrophy rate at 1.5T and 3T for freesurfer and MAPS-HBSI using the ADNI1 data set. , 2015, 11, P72-P73.		0
25	P3-170: Reproducibility of hippocampal atrophy rate at 1.5T and 3T for freesurfer and MAPS-HBSI using the ADNI1 data set. , 2015, 11, P694-P695.		0
26	ICâ€Pâ€133: The Measurement of Hippocampal Atrophy Rates With MRI for A 3â€Year Study Appears to be at Least 3 Times More Sensitive Than A 1â€Year Study Based on Backâ€Toâ€Back Reproducibility. Alzheimer's and Dementia, 2016, 12, P99.	0.4	0
27	P4â€220: The Measurement of Hippocampal Atrophy Rates With MRI for A 3â€Year Study Appears to Be at Least 3 Times More Sensitive Than A 1â€Year Study Based on Backâ€Toâ€Back Reproducibility. Alzheimer's and Dementia, 2016, 12, P1112.	0.4	0
28	[P3â€389]: WHEN MEASURING HIPPOCAMPAL ATROPHY, DO THE SEGMENTATION NOISE DISTRIBUTIONS OF METHODS, AS DETERMINED BY THE BACKâ€TOâ€BACK REPRODUCIBILITY, HAVE GAUSSIAN DISTRIBUTIONS?. Alzheimer's and Dementia, 2017, 13, P1109.	0.4	0
29	[ICâ€Pâ€132]: WHEN MEASURING HIPPOCAMPAL ATROPHY, DO THE SEGMENTATION NOISE DISTRIBUTIONS OF METHODS, AS DETERMINED BY THE BACK TO BACK REPRODUCIBILITY, HAVE GAUSSIAN DISTRIBUTIONS?. Alzheimer's and Dementia, 2017, 13, P99.	0.4	0
30	Kim et al. report the first ultrafast MR imaging results applicable to breast cancer screening as their study does not suffer from selection bias towards large lesions. European Journal of Radiology, 2022, 154, 110440.	1.2	0