

Kevin S King

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,186
citations

394421

19
h-index

233421

45
g-index

56
all docs

56
docs citations

56
times ranked

4206
citing authors

#	ARTICLE	IF	CITATIONS
1	A microRNA array reveals extensive regulation of microRNAs during brain development. <i>Rna</i> , 2003, 9, 1274-1281.	3.5	927
2	No-reflow phenomenon in the heart and brain. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H550-H562.	3.2	142
3	Heart Failure-Induced Brain Injury. <i>Journal of the American College of Cardiology</i> , 2017, 69, 1609-1616.	2.8	94
4	Effect of Leukocyte Telomere Length on Total and Regional Brain Volumes in a Large Population-Based Cohort. <i>JAMA Neurology</i> , 2014, 71, 1247.	9.0	74
5	Cardiovascular outcome associations among cardiovascular magnetic resonance measures of arterial stiffness: the Dallas heart study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, 33.	3.3	73
6	Genetic, anatomic, and clinical determinants of human serum sterol and vitamin D levels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4006-14.	7.1	72
7	Association of Depressive Symptoms with Hippocampal Volume in 1936 Adults. <i>Neuropsychopharmacology</i> , 2014, 39, 770-779.	5.4	59
8	White Matter Hyperintensities: Use of Aortic Arch Pulse Wave Velocity to Predict Volume Independent of Other Cardiovascular Risk Factors. <i>Radiology</i> , 2013, 267, 709-717.	7.3	53
9	Effect of Normal Aging Versus Hypertension, Abnormal Body Mass Index, and Diabetes Mellitus on White Matter Hyperintensity Volume. <i>Stroke</i> , 2014, 45, 255-257.	2.0	50
10	Physiologic underpinnings of negative BOLD cerebrovascular reactivity in brain ventricles. <i>NeuroImage</i> , 2013, 83, 505-512.	4.2	49
11	Characterization and Fluorescence of Macrocyclic Polystyrene by Anionic End to End Coupling. Role of Coupling Reagents. <i>Macromolecules</i> , 2002, 35, 3856-3865.	4.8	46
12	Ethnic Difference in Proximal Aortic Stiffness. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 54-61.	5.3	45
13	MR Imaging of Hippocampal Asymmetry at 3T in a Multiethnic, Population-Based Sample: Results from the Dallas Heart Study. <i>American Journal of Neuroradiology</i> , 2013, 34, 752-757.	2.4	39
14	Cardiovascular Risk Factors Associated with Smaller Brain Volumes in Regions Identified as Early Predictors of Cognitive Decline. <i>Radiology</i> , 2016, 278, 198-204.	7.3	39
15	White matter hypointensities and hyperintensities have equivalent correlations with age and CSF β -amyloid in the nondemented elderly. <i>Brain and Behavior</i> , 2019, 9, e01457.	2.2	39
16	Predicting Meningioma Consistency on Preoperative Neuroimaging Studies. <i>Neurosurgery Clinics of North America</i> , 2016, 27, 145-154.	1.7	37
17	White matter hyperintensities and their relationship to cognition: Effects of segmentation algorithm. <i>NeuroImage</i> , 2020, 206, 116327.	4.2	34
18	Hippocampal volume in patients with asthma: Results from the Dallas Heart Study. <i>Journal of Asthma</i> , 2017, 54, 9-16.	1.7	32

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19	Effect of surgeon experience and bony pelvic dimensions on surgical performance and patient outcomes in robot-assisted radical prostatectomy. <i>BJU International</i> , 2019, 124, 828-835.	2.5	23
20	Automated quantification of white matter disease extent at 3 T: Comparison with volumetric readings. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 305-311.	3.4	20
21	Relationship between leukoaraiosis, carotid intima-media thickness and intima-media thickness variability: Preliminary results. <i>European Radiology</i> , 2016, 26, 4423-4431.	4.5	20
22	Alpha desynchronization during simple working memory unmasks pathological aging in cognitively healthy individuals. <i>PLoS ONE</i> , 2019, 14, e0208517.	2.5	20
23	Fully automated tool to identify the aorta and compute flow using phase-contrast MRI: Validation and application in a large population based study. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 221-228.	3.4	18
24	Association of 3.0-T Brain Magnetic Resonance Imaging Biomarkers With Cognitive Function in the Dallas Heart Study. <i>JAMA Neurology</i> , 2015, 72, 170.	9.0	18
25	Dynamic Effects of Aortic Arch Stiffening on Pulsatile Energy Transmission to Cerebral Vasculature as A Determinant of Brain-Heart Coupling. <i>Scientific Reports</i> , 2020, 10, 8784.	3.3	18
26	Regional relationships between CSF VEGF levels and Alzheimer's disease brain biomarkers and cognition. <i>Neurobiology of Aging</i> , 2021, 105, 241-251.	3.1	17
27	Evaluation of a Practical Visual MRI Rating Scale of Brain White Matter Hyperintensities for Clinicians Based on Largest Lesion Size Regardless of Location. <i>American Journal of Neuroradiology</i> , 2013, 34, 797-801.	2.4	15
28	Correction and optimization of a T2*-based approach to map blood oxygenation in small cerebral veins. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1100-1109.	3.0	14
29	Subject-Specific Studies of CSF Bulk Flow Patterns in the Spinal Canal: Implications for the Dispersion of Solute Particles in Intrathecal Drug Delivery. <i>American Journal of Neuroradiology</i> , 2019, 40, 1242-1249.	2.4	13
30	Cognitive Impact of Lacunar Infarcts and White Matter Hyperintensity Volume. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2015, 5, 170-175.	1.3	12
31	The First Examination of Diagnostic Performance of Automated Measurement of the Callosal Angle in 1856 Elderly Patients and Volunteers Indicates That 12.4% of Exams Met the Criteria for Possible Normal Pressure Hydrocephalus. <i>American Journal of Neuroradiology</i> , 2021, 42, 1942-1948.	2.4	9
32	The association of nadir CD4-T cell count and endothelial dysfunction in a healthy HIV cohort without major cardiovascular risk factors. <i>SAGE Open Medicine</i> , 2020, 8, 205031212092489.	1.8	8
33	Urinary Albumin to Creatinine Ratio as Potential Biomarker for Cerebral Microvascular Disease. <i>Current Neurovascular Research</i> , 2014, 11, 242-247.	1.1	8
34	Detrimental effect of systemic vascular risk factors on brain hemodynamic function assessed with MRI. <i>Neuroradiology Journal</i> , 2018, 31, 253-261.	1.2	7
35	Scoping Review of Targeted Ultrasound Contrast Agents in the Detection of Angiogenesis. <i>Journal of Ultrasound in Medicine</i> , 2020, 39, 19-28.	1.7	7
36	Arterial Stiffness as a Potential Determinant of β -Amyloid Deposition. <i>JAMA Neurology</i> , 2014, 71, 541.	9.0	6

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37	Distinguishing Brain Impact of Aging and HIV Severity in Chronic HIV Using Multiparametric MR Imaging and MR Spectroscopy. <i>Open Forum Infectious Diseases</i> , 2018, 5, ofy243.	0.9	6
38	Regional brain volumes relate to Alzheimer's disease cerebrospinal fluid biomarkers and neuropsychometry: A cross-sectional, observational study. <i>PLoS ONE</i> , 2021, 16, e0254332.	2.5	5
39	Brain MR Spectroscopy Markers of Encephalopathy Due to Nonalcoholic Steatohepatitis. <i>Journal of Neuroimaging</i> , 2020, 30, 697-703.	2.0	3
40	Transmantle Pressure Computed from MR Imaging Measurements of Aqueduct Flow and Dimensions. <i>American Journal of Neuroradiology</i> , 2021, 42, 1815-1821.	2.4	3
41	Plasma neurofilament light chain (NFL) is differentially associated with neuropsychological test performance among non-Hispanic whites and hispanic, Mexican Americans: A HABLE study. <i>Alzheimer's and Dementia</i> , 2020, 16, e043423.	0.8	2
42	MRI biomarkers of small vessel disease and cognition: A cross-sectional study of a cognitively normal Mexican American cohort. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12236.	2.4	2
43	Vascular risk profile and white matter hyperintensity volume among Mexican Americans and non-Hispanic Whites: The HABLE study. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022, 14, e12263.	2.4	2
44	White matter hyperintensity and lacunar infarct effects on cognition. <i>American Journal of Geriatric Psychiatry</i> , 2013, 21, S76.	1.2	1
45	Improved Assessment of Hypertensive Related Brain Insults in Late Life Using Central Pulse Pressure. <i>Hypertension</i> , 2020, 75, 295-296.	2.7	1
46	A study of alpha desynchronization, heart rate, and MRI during stroop testing unmasks pre-symptomatic Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e042793.	0.8	1
47	Group delay method for MRI aortic pulse wave velocity measurements in clinical protocols with low temporal resolution: Validation in a heterogeneous cohort. <i>Magnetic Resonance Imaging</i> , 2020, 69, 8-15.	1.8	1
48	MRI Automated T1 Signal Intensity Detection of Diffuse Brain Manganese Accumulation in Cirrhosis. <i>Journal of Neuroimaging</i> , 2021, 31, 186-191.	2.0	1
49	Correlation of Neural Oscillations during Stroop Testing with Hippocampal and Amygdala Volume differ between Cognitively Healthy Normal Aging and Pre-symptomatic Alzheimer's Disease. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	1
50	P4587: REGIONAL BRAIN VOLUMES RELATION TO ALZHEIMER'S DISEASE PATHOLOGY AND NEUROPSYCHOLOGICAL EXAMINATION. <i>Alzheimer's and Dementia</i> , 2019, 15, P1546.	0.8	0
51	The relationship between VEGF and cerebral vascular territory glucose metabolism is modified by cardiovascular risk in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e042308.	0.8	0
52	The relationship of a white matter hyperintensities rating scale and cognition among Mexican Americans. <i>Alzheimer's and Dementia</i> , 2020, 16, e044602.	0.8	0
53	Urine dicarboxylic acids reflect loss of energy capacity and hippocampal volume in pre-symptomatic Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e046021.	0.8	0
54	Algorithms for segmenting cerebral time-of-flight magnetic resonance angiograms from volunteers and anemic patients. <i>Journal of Medical Imaging</i> , 2021, 8, 024005.	1.5	0

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55	Quantitative EEG during memory testing indicates pre-symptomatic Alzheimer's disease and correlation with MRI. FASEB Journal, 2018, 32, 878.6.	0.5	0