

# Regina Ey Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

370  
citations

933447

10  
h-index

888059

17  
g-index

36  
all docs

36  
docs citations

36  
times ranked

690  
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust multi-site MR data processing: iterative optimization of bias correction, tissue classification, and registration. <i>Frontiers in Neuroinformatics</i> , 2013, 7, 29.	2.5	49
2	Sex-specific effects of the Huntington gene on normal neurodevelopment. <i>Journal of Neuroscience Research</i> , 2017, 95, 398-408.	2.9	41
3	Split-Attention U-Net: A Fully Convolutional Network for Robust Multi-Label Segmentation from Brain MRI. <i>Brain Sciences</i> , 2020, 10, 974.	2.3	32
4	Preliminary analysis using multi-atlas labeling algorithms for tracing longitudinal change. <i>Frontiers in Neuroscience</i> , 2015, 9, 242.	2.8	28
5	Lifestyle-dependent brain change: a longitudinal cohort MRI study. <i>Neurobiology of Aging</i> , 2018, 69, 48-57.	3.1	25
6	Stable Atlas-based Mapped Prior (STAMP) machine-learning segmentation for multicenter large-scale MRI data. <i>Magnetic Resonance Imaging</i> , 2014, 32, 832-844.	1.8	21
7	Neuroimaging of a minipig model of Huntington's disease: Feasibility of volumetric, diffusion-weighted and spectroscopic assessments. <i>Journal of Neuroscience Methods</i> , 2016, 265, 46-55.	2.5	18
8	Sex differences in deterioration of sleep properties associated with aging: a 12-year longitudinal cohort study. <i>Journal of Clinical Sleep Medicine</i> , 2021, 17, 964-972.	2.6	16
9	Longitudinal association between brain volume change and gait speed in a general population. <i>Experimental Gerontology</i> , 2019, 118, 26-30.	2.8	13
10	Effect of dual-type oligosaccharides on constipation in loperamide-treated rats. <i>Nutrition Research and Practice</i> , 2016, 10, 583.	1.9	12
11	Sarcopenia is associated with decreased gray matter volume in the parietal lobe: a longitudinal cohort study. <i>BMC Geriatrics</i> , 2021, 21, 622.	2.7	12
12	Obesity and muscle may have synergic effect more than independent effects on brain volume in community-based elderly. <i>European Radiology</i> , 2021, 31, 2956-2966.	4.5	11
13	Sleep Duration, Sleep Apnea, and Gray Matter Volume. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2022, 35, 47-56.	2.3	11
14	Deep Learning-Based Segmentation to Establish East Asian Normative Volumes Using Multisite Structural MRI. <i>Diagnostics</i> , 2021, 11, 13.	2.6	11
15	Risk factors for tuberculosis after gastrectomy in gastric cancer. <i>World Journal of Gastroenterology</i> , 2016, 22, 2585.	3.3	9
16	An Open-Source Label Atlas Correction Tool and Preliminary Results on Huntingtons Disease Whole-Brain MRI Atlases. <i>Frontiers in Neuroinformatics</i> , 2016, 10, 29.	2.5	8
17	The Characteristics of Dual Users of Both Conventional Cigarettes and E-Cigarettes among Korean Adolescents. <i>Journal of the Korean Society for Research on Nicotine and Tobacco</i> , 2014, 5, 10-18.	0.3	8
18	Semi-Supervised Learning in Medical MRI Segmentation: Brain Tissue with White Matter Hyperintensity Segmentation Using FLAIR MRI. <i>Brain Sciences</i> , 2021, 11, 720.	2.3	7

#	ARTICLE	IF	CITATIONS
19	Efficient and Extensible Workflow: Reliable Whole Brain Segmentation for Large-Scale, Multi-center Longitudinal Human MRI Analysis Using High Performance/Throughput Computing Resources. Lecture Notes in Computer Science, 2016, , 54-61.	1.3	6
20	Tissue classification of large-scale multi-site MR data using fuzzy k-nearest neighbor method. Proceedings of SPIE, 2016, , .	0.8	6
21	Changes in Brain Volume Associated With Vegetable Intake in a General Population. Journal of the American College of Nutrition, 2019, 38, 506-512.	1.8	4
22	Neck Circumference and Cerebral Gray Matter Volume. Alzheimer Disease and Associated Disorders, 2020, 34, 306-312.	1.3	3
23	Effect of Lactic Acid Bacteria Powder on Loperamide-induced Constipation in Rat. The Korean Journal of Food and Nutrition, 2015, 28, 956-964.	0.3	3
24	Development of Amyloid PET Analysis Pipeline Using Deep Learning-Based Brain MRI Segmentationâ€”A Comparative Validation Study. Diagnostics, 2022, 12, 623.	2.6	3
25	Multi-structure segmentation of multi-modal brain images using artificial neural networks. Proceedings of SPIE, 2010, , .	0.8	2
26	A longitudinal observational population-based study of brain volume associated with changes in sleep timing from middle to late-life. Sleep, 2021, 44, .	1.1	2
27	Bayesian covariate selection in mixed-effects models for longitudinal shape analysis. , 2016, 2016, 656-659.		2
28	Implications of Age and Sex in Relation to Obstructive Sleep Apnea Severity Spectrum: KoGES Aging Study. Annals of the American Thoracic Society, 2022, , .	3.2	2
29	AGE-RELATED DIFFERENCES IN STATIC POSTURAL BALANCE IN KOREAN ELDERLY ADULTS. Journal of Mechanics in Medicine and Biology, 2022, 22, .	0.7	2
30	Wrapping FreeSurfer 6 for use in High-performance Computing Environments. GigaScience, 2016, 5, .	6.4	1
31	Subject-specific longitudinal shape analysis by coupling spatiotemporal shape modeling with medial analysis. Proceedings of SPIE, 2017, 10133, .	0.8	1
32	CLOCK Genetic Variations Are Associated With Age-Related Changes in Sleep Duration and Brain Volume. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, , .	3.6	1
33	Sarcopenia is Associated With Decreased Brain Volume in the General Population: A Longitudinal Cohort Study. SSRN Electronic Journal, 0, , .	0.4	0
34	Severity of Daytime Sleepiness and Parkinsonian-Like Symptoms in Korean Adults Aged 50â€”64 Years.		