

Salil Soman

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

545
citations

759233

12
h-index

677142

22
g-index

37
all docs

37
docs citations

37
times ranked

1151
citing authors

#	ARTICLE	IF	CITATIONS
1	Textural Kinetics: A Novel Dynamic Contrast-Enhanced (DCE)-MRI Feature for Breast Lesion Classification. <i>Journal of Digital Imaging</i> , 2011, 24, 446-463.	2.9	104
2	Volume of subclinical embolic infarct correlates to long-term cognitive changes after carotid revascularization. <i>Journal of Vascular Surgery</i> , 2017, 65, 686-694.	1.1	48
3	Medical Students'™ Preferences in Radiology Education. <i>Academic Radiology</i> , 2011, 18, 253-256.	2.5	46
4	Improving the robustness of pseudo-continuous arterial spin labeling to off-resonance and pulsatile flow velocity. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1342-1351.	3.0	46
5	The impact of depression on Veterans with PTSD and traumatic brain injury: A diffusion tensor imaging study. <i>Biological Psychology</i> , 2015, 105, 20-28.	2.2	34
6	Microembolization is associated with transient cognitive decline in patients undergoing carotid interventions. <i>Journal of Vascular Surgery</i> , 2016, 64, 1719-1725.	1.1	34
7	Durable Response to Crizotinib in a MET-Amplified, KRAS-Mutated Carcinoma of Unknown Primary. <i>Case Reports in Oncology</i> , 2014, 7, 503-508.	0.7	32
8	DTI measures identify mild and moderate TBI cases among patients with complex health problems: A receiver operating characteristic analysis of U.S. veterans. <i>NeuroImage: Clinical</i> , 2017, 16, 1-16.	2.7	27
9	Integration of neural and epigenetic contributions to posttraumatic stress symptoms: The role of hippocampal volume and glucocorticoid receptor gene methylation. <i>PLoS ONE</i> , 2018, 13, e0192222.	2.5	24
10	Automated fiber tract reconstruction for surgery planning: Extensive validation in language-related white matter tracts. <i>NeuroImage: Clinical</i> , 2019, 23, 101883.	2.7	19
11	Altered Microstructural Caudate Integrity in Posttraumatic Stress Disorder but Not Traumatic Brain Injury. <i>PLoS ONE</i> , 2017, 12, e0170564.	2.5	18
12	The Pan-Cancer Landscape of Coamplification of the Tyrosine Kinases KIT, KDR, and PDGFRA. <i>Oncologist</i> , 2020, 25, e39-e47.	3.7	13
13	Increased Myo-Inositol in Primary Motor Cortex of Contact Sports Athletes without a History of Concussion. <i>Journal of Neurotrauma</i> , 2018, 35, 953-962.	3.4	12
14	Evaluation of Medical Student Experience Using Medical Student Created StudentPACS Flash Based PACS Simulator Tutorials for Learning Radiological Topics. <i>Academic Radiology</i> , 2010, 17, 799-807.	2.5	10
15	A metastatic colon adenocarcinoma harboring BRAF V600E has a durable major response to dabrafenib/trametinib and chemotherapy. <i>OncoTargets and Therapy</i> , 2015, 8, 3561.	2.0	9
16	Brain structural connectivity distinguishes patients at risk for cognitive decline after carotid interventions. <i>Human Brain Mapping</i> , 2016, 37, 2185-2194.	3.6	9
17	Identifying cardiovascular risk factors that impact cerebrovascular reactivity: An ASL MRI study. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 734-747.	3.4	8
18	Cord Compression due to Extramedullary Hematopoiesis in an Adolescent with Known Beta Thalassemia Major. <i>Journal of Radiology Case Reports</i> , 2009, 3, 17-22.	0.4	7

#	ARTICLE	IF	CITATIONS
19	Quantitative Susceptibility Mapping for Staging Acute Cerebral Hemorrhages: Comparing the Conventional and Multiecho Complex Total Field Inversion magnetic resonance imaging MR Methods. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1843-1854.	3.4	7
20	Susceptibility-Based Neuroimaging: Standard Methods, Clinical Applications, and Future Directions. <i>Current Radiology Reports</i> , 2017, 5, 1.	1.4	6
21	Using Anatomic Magnetic Resonance Image Information to Enhance Visualization and Interpretation of Functional Images: A Comparison of Methods Applied to Clinical Arterial Spin Labeling Images. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 487-496.	8.9	6
22	Rigid Registration of Echoplanar and Conventional Magnetic Resonance Images by Minimizing the Kullback-Leibler Distance. <i>Lecture Notes in Computer Science</i> , 2003, 2717, 181-190.	1.3	6
23	Effect of Number of Acquisitions in Diffusion Tensor Imaging of the Pediatric Brain: Optimizing Scan Time and Diagnostic Experience. <i>Journal of Neuroimaging</i> , 2015, 25, 296-302.	2.0	5
24	Novel kinetic texture features for breast lesion classification on dynamic contrast enhanced (DCE) MRI. , 2008, , .		3
25	Brain Injury Lesion Imaging Using Preconditioned Quantitative Susceptibility Mapping without Skull Stripping. <i>American Journal of Neuroradiology</i> , 2018, 39, 648-653.	2.4	3
26	Cortical Thickness and Diffusion Properties in the Injured Brain: The Influence of Chronic Health Complaints. <i>Military Medicine</i> , 2020, 185, 168-175.	0.8	3
27	Fetal Magnetic Resonance Imaging of the Posterior Fossa Malformations. <i>Topics in Magnetic Resonance Imaging</i> , 2011, 22, 271-281.	1.2	2
28	Advanced fetal MRI: Diffusion tensor imaging, spectroscopy, dynamic MRI, resting-state functional MRI. <i>Journal of Pediatric Neuroradiology</i> , 2015, 01, 225-251.	0.1	2
29	SS24. Volume of Subclinical Microembolization Correlates to Long-term Cognitive Changes Following Carotid Revascularization. <i>Journal of Vascular Surgery</i> , 2016, 63, 141S-142S.	1.1	1
30	Microembolization Is Associated With Transient Cognitive Decline in Patients Undergoing Carotid Interventions. <i>Journal of Vascular Surgery</i> , 2016, 63, 562.	1.1	1
31	Health and the New Media: Technologies Transforming Personal and Public Health. <i>JAMA - Journal of the American Medical Association</i> , 1996, 275, 1932.	7.4	0
32	PS112. Predicting Cognitive Decline After Carotid Endarterectomy (CEA) or Carotid Artery Stenting (CAS) Using Structural Connectivity Graph Analysis. <i>Journal of Vascular Surgery</i> , 2014, 59, 61S.	1.1	0
33	Genetic Polymorphisms Influence Cognition in Patients Undergoing Carotid Interventions. <i>Journal of Vascular Surgery</i> , 2015, 61, 578.	1.1	0
34	P2833: CONVERGENCE ANALYSIS OF MICRO-LESIONS (CAML) FOR DIFFUSE PATHOLOGIES. <i>Alzheimer's and Dementia</i> , 2018, 14, P844.	0.8	0
35	Convergence Analysis of Micro-Lesions (CAML): An approach to mapping of diffuse lesions from carotid revascularization. <i>NeuroImage: Clinical</i> , 2018, 18, 553-559.	2.7	0
36	Editorial for Neuroimaging Phenotyping and Structural-Metabolic-Epileptogenic Correlations in the Temporal Neocortex of Focal Cortical Dysplasia . <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 936-937.	3.4	0