

Scott B Raymond

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/961247/publications.pdf>

Version: 2024-02-01

41
papers

2,352
citations

516710

16
h-index

330143

37
g-index

44
all docs

44
docs citations

44
times ranked

3014
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, Synthesis, and Testing of Difluoroboron-Derivatized Curcumins as Near-Infrared Probes for in Vivo Detection of Amyloid- β^2 Deposits. <i>Journal of the American Chemical Society</i> , 2009, 131, 15257-15261.	13.7	417
2	Molecular Imaging With Pittsburgh Compound B Confirmed at Autopsy. <i>Archives of Neurology</i> , 2007, 64, 431.	4.5	326
3	MRI-guided targeted blood-brain barrier disruption with focused ultrasound: Histological findings in rabbits. <i>Ultrasound in Medicine and Biology</i> , 2005, 31, 1527-1537.	1.5	292
4	Focal disruption of the blood-brain barrier due to 260-kHz ultrasound bursts: a method for molecular imaging and targeted drug delivery. <i>Journal of Neurosurgery</i> , 2006, 105, 445-454.	1.6	277
5	Ultrasound Enhanced Delivery of Molecular Imaging and Therapeutic Agents in Alzheimer's Disease Mouse Models. <i>PLoS ONE</i> , 2008, 3, e2175.	2.5	188
6	Multiphoton Imaging of Ultrasound/Optison Mediated Cerebrovascular Effects in vivo. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 393-403.	4.3	160
7	A Time Domain Fluorescence Tomography System for Small Animal Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2008, 27, 1152-1163.	8.9	122
8	Smart optical probes for near-infrared fluorescence imaging of Alzheimer's disease pathology. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 93-98.	6.4	109
9	Time resolved fluorescence tomography of turbid media based on lifetime contrast. <i>Optics Express</i> , 2006, 14, 12255.	3.4	102
10	Comparison of frequency-domain and time-domain fluorescence lifetime tomography. <i>Optics Letters</i> , 2008, 33, 470.	3.3	61
11	Lifetime-based tomographic multiplexing. <i>Journal of Biomedical Optics</i> , 2010, 15, 046011.	2.6	42
12	Feasibility of in vivo imaging of fluorescent proteins using lifetime contrast. <i>Optics Letters</i> , 2009, 34, 2066.	3.3	31
13	Imaging Brain Collaterals. <i>Topics in Magnetic Resonance Imaging</i> , 2017, 26, 67-75.	1.2	29
14	Patient selection for mechanical thrombectomy in posterior circulation emergent large-vessel occlusion. <i>Interventional Neuroradiology</i> , 2018, 24, 309-316.	1.1	26
15	Treatment Approaches and Outcomes for Acute Anterior Circulation Stroke Patients with Tandem Lesions. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105478.	1.6	24
16	Mechanical Thrombectomy in Stroke from Infective Endocarditis: Case Report and Review. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104501.	1.6	19
17	Acoustic transmission losses and field alterations due to human scalp hair. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2005, 52, 1415-1419.	3.0	17
18	LVIS Blue as a low porosity stent and coil adjuvant. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 682-686.	3.3	12

#	ARTICLE	IF	CITATIONS
19	Vessel Wall MRI Added to MR Angiography in the Evaluation of Suspected Vasculopathies. <i>Journal of Neuroimaging</i> , 2019, 29, 454-457.	2.0	12
20	Protocols for Endovascular Stroke Treatment Diminish the Weekend Effect Through Improvements in Off-Hours Care. <i>Frontiers in Neurology</i> , 2018, 9, 1106.	2.4	9
21	Spatial Distribution of Intracranial Vessel Wall Enhancement in Hypertension and Primary Angiitis of the CNS. <i>Scientific Reports</i> , 2019, 9, 19270.	3.3	9
22	Comparison of predictive grading systems for procedural risk in endovascular treatment of brain arteriovenous malformations: analysis of 104 consecutive patients. <i>Journal of Neurosurgery</i> , 2020, 133, 342-350.	1.6	8
23	Modular design for in vivo optical imaging and ultrasound treatment in the murine brain. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2007, 54, 431-434.	3.0	7
24	Initial experience with React 68 aspiration catheter. <i>Interventional Neuroradiology</i> , 2020, 26, 358-363.	1.1	7
25	Current Clinical Applications of Intracranial Vessel Wall MR Imaging. <i>Seminars in Ultrasound, CT and MRI</i> , 2021, 42, 463-473.	1.5	7
26	Spontaneous regression of a mandibular arteriovenous malformation. <i>Oral and Maxillofacial Surgery Cases</i> , 2015, 1, 15-18.	0.4	5
27	CT and MRI of Rare Extraintestinal Manifestations of Inflammatory Bowel Disease in Children and Adolescents. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016, 63, e1-9.	1.8	5
28	Left Thalamus Arteriovenous Malformation Secondary to Radiation Therapy of Original Vermian Arteriovenous Malformation: Case Report. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, e53-e59.	1.6	5
29	Determinants of intracranial aneurysm retreatment following embolization with a single flow-diverting stent. <i>Neuroradiology Journal</i> , 2022, 35, 461-467.	1.2	4
30	High resolution vessel wall MR imaging in prestenotic intracranial atherosclerotic disease. <i>Journal of Clinical Neuroscience</i> , 2019, 63, 278-280.	1.5	3
31	Greening the neurointerventional suite. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 1037-1038.	3.3	3
32	Long-term follow-up results of the SMART coil in the endovascular treatment of intracranial aneurysms. <i>Interventional Neuroradiology</i> , 2021, 27, 200-206.	1.1	3
33	Cause determination of missed lung nodules and impact of reader training and education: Simulation study with nodule insertion software. <i>Journal of Cancer Research and Therapeutics</i> , 2020, 16, 780.	0.9	3
34	The Role of Collateral Circulation in Branch Vessel Occlusion After Flow Diversion. <i>World Neurosurgery</i> , 2019, 124, e182-e187.	1.3	2
35	Anomalous PiB enhancement in the Superior Sagittal and Transverse Venous Sinuses. <i>Alzheimer Disease and Associated Disorders</i> , 2012, 26, 186-190.	1.3	1
36	Does including neck CTA in work-up of suspected intracranial hemorrhage add value?. <i>Emergency Radiology</i> , 2019, 26, 139-143.	1.8	1

#	ARTICLE	IF	CITATIONS
37	Spontaneous Intracranial Hypotension Caused by Thoracic Disc Disease. Headache, 2020, 60, 1830-1831.	3.9	1
38	A direct approach to time domain fluorescence tomography based on asymptotic lifetime analysis. , 2007, , .		0
39	Fluorescence tomography in a murine model of Alzheimer's disease. , 2007, , .		0
40	Multiphoton Imaging of Ultrasound Bioeffects in the Murine Brain. AIP Conference Proceedings, 2006, , .	0.4	0
41	Tomographic Fluorescence Lifetime Imaging. , 2012, , .		0