

# Roy Riascos

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

1,978  
citations

236612

25  
h-index

276539

41  
g-index

83  
all docs

83  
docs citations

83  
times ranked

2777  
citing authors

#	ARTICLE	IF	CITATIONS
1	Outcomes of Endovascular Thrombectomy vs Medical Management Alone in Patients With Large Ischemic Cores. <i>JAMA Neurology</i> , 2019, 76, 1147.	4.5	118
2	Optic Disc Edema in an Astronaut After Repeat Long-Duration Space Flight. <i>Journal of Neuro-Ophthalmology</i> , 2013, 33, 249-255.	0.4	107
3	Spaceflight-Associated Brain White Matter Microstructural Changes and Intracranial Fluid Redistribution. <i>JAMA Neurology</i> , 2019, 76, 412.	4.5	103
4	Imaging of Atlanto-Occipital and Atlantoaxial Traumatic Injuries: What the Radiologist Needs to Know. <i>Radiographics</i> , 2015, 35, 2121-2134.	1.4	99
5	Brain plasticity and sensorimotor deterioration as a function of 70 days head down tilt bed rest. <i>PLoS ONE</i> , 2017, 12, e0182236.	1.1	75
6	Neuroimaging in Drug and Substance Abuse Part II. <i>Topics in Magnetic Resonance Imaging</i> , 2005, 16, 239-245.	0.7	73
7	Intracranial Effects of Microgravity: A Prospective Longitudinal MRI Study. <i>Radiology</i> , 2020, 295, 640-648.	3.6	71
8	Imaging of Oncologic Emergencies: What Every Radiologist Should Know. <i>Radiographics</i> , 2013, 33, 1533-1553.	1.4	69
9	Cerebral Radiation Necrosis: Incidence, Pathogenesis, Diagnostic Challenges, and Future Opportunities. <i>Current Oncology Reports</i> , 2019, 21, 66.	1.8	65
10	The neuroimaging of Leigh syndrome: case series and review of the literature. <i>Pediatric Radiology</i> , 2016, 46, 443-451.	1.1	64
11	Diffusion tensor imaging of the human cerebellar pathways and their interplay with cerebral macrostructure. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 41.	0.9	63
12	Comprehensive Review of the Anatomy, Function, and Imaging of the Popliteus and Associated Pathologic Conditions. <i>Radiographics</i> , 2014, 34, 496-513.	1.4	59
13	Nonvascular, Nontraumatic Mediastinal Emergencies in Adults: A Comprehensive Review of Imaging Findings. <i>Radiographics</i> , 2011, 31, 1141-1160.	1.4	58
14	Effects of a spaceflight analog environment on brain connectivity and behavior. <i>NeuroImage</i> , 2016, 141, 18-30.	2.1	58
15	Assessment of Glioblastoma Response in the Era of Bevacizumab: Longstanding and Emergent Challenges in the Imaging Evaluation of Pseudoresponse. <i>Frontiers in Neurology</i> , 2019, 10, 460.	1.1	47
16	Increased Brain Activation for Dual Tasking with 70-Days Head-Down Bed Rest. <i>Frontiers in Systems Neuroscience</i> , 2016, 10, 71.	1.2	46
17	Revealing the ventral amygdalofugal pathway of the human limbic system using high spatial resolution diffusion tensor tractography. <i>Brain Structure and Function</i> , 2016, 221, 3561-3569.	1.2	46
18	Vestibular brain changes within 70 days of head down bed rest. <i>Human Brain Mapping</i> , 2018, 39, 2753-2763.	1.9	43

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19	Analysis of cerebrospinal fluid metabolites in patients with primary or metastatic central nervous system tumors. <i>Acta Neuropathologica Communications</i> , 2018, 6, 85.	2.4	38
20	Congenital basis of posterior fossa anomalies. <i>Neuroradiology Journal</i> , 2015, 28, 238-253.	0.6	35
21	Mapping the trajectory of the stria terminalis of the human limbic system using high spatial resolution diffusion tensor tractography. <i>Neuroscience Letters</i> , 2015, 608, 45-50.	1.0	35
22	Longitudinal Analysis of Quantitative Brain MRI in Astronauts Following Microgravity Exposure. <i>Journal of Neuroimaging</i> , 2019, 29, 323-330.	1.0	33
23	Diffusion tensor tractography of the mammillothalamic tract in the human brain using a high spatial resolution DTI technique. <i>Scientific Reports</i> , 2018, 8, 5229.	1.6	32
24	Fatal methadone intoxication in a child. <i>Emergency Radiology</i> , 2007, 15, 67-70.	1.0	28
25	Neural predictors of sensorimotor adaptation rate and savings. <i>Human Brain Mapping</i> , 2018, 39, 1516-1531.	1.9	28
26	Intracranial Fluid Redistribution But No White Matter Microstructural Changes During a Spaceflight Analog. <i>Scientific Reports</i> , 2017, 7, 3154.	1.6	27
27	Neuroimaging in Drug and Substance Abuse Part I. <i>Topics in Magnetic Resonance Imaging</i> , 2005, 16, 231-238.	0.7	26
28	Central Nervous System Tuberculosis. <i>Topics in Magnetic Resonance Imaging</i> , 2014, 23, 173-189.	0.7	25
29	Cardiovascular complications of cocaine: Imaging findings. <i>Emergency Radiology</i> , 2009, 16, 11-19.	1.0	24
30	Imaging of the Brain in Patients With Human Immunodeficiency Virus Infection. <i>Topics in Magnetic Resonance Imaging</i> , 2014, 23, 275-291.	0.7	24
31	Persistent Globe Flattening in Astronauts following Long-Duration Spaceflight. <i>Neuro-Ophthalmology</i> , 2021, 45, 29-35.	0.4	24
32	Change of cortical foot activation following 70 days of head-down bed rest. <i>Journal of Neurophysiology</i> , 2018, 119, 2145-2152.	0.9	22
33	Musculoskeletal infection imaging: Past, present, and future. <i>Current Infectious Disease Reports</i> , 2005, 7, 365-372.	1.3	20
34	Micro-derived cerebral spinal fluid hydrodynamics as a marker and a risk factor for intracranial hypertension in astronauts exposed to microgravity. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1560-1571.	1.9	20
35	Neurofibromatosis Type 1. <i>Journal of Computer Assisted Tomography</i> , 2005, 29, 532-539.	0.5	19
36	A Novel Use of a Landmark to Avoid Injury of the Anterior Ethmoidal Artery during Endoscopic Sinus Surgery. <i>American Journal of Rhinology and Allergy</i> , 2011, 25, 54-57.	1.0	19

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37	Treatment of Disfiguring Cutaneous Lesions in Neurofibromatosis-1 with Everolimus: A Phase II, Open-Label, Single-Arm Trial. <i>Drugs in R and D</i> , 2018, 18, 295-302.	1.1	17
38	Preflight, In-Flight, and Postflight Imaging of the Cervical and Lumbar Spine in Astronauts. <i>Aerospace Medicine and Human Performance</i> , 2018, 89, 32-40.	0.2	16
39	Incidence of cervical spine fractures on CT: a study in a large level I trauma center. <i>Emergency Radiology</i> , 2020, 27, 1-8.	1.0	15
40	Standardizing Magnetic Resonance Imaging Protocols, Requisitions, and Reports in Multiple Sclerosis: An Update for Radiologist Based on 2017 Magnetic Resonance Imaging in Multiple Sclerosis and 2018 Consortium of Multiple Sclerosis Centers Consensus Guidelines. <i>Journal of Computer Assisted Tomography</i> , 2019, 43, 1-12.	0.5	14
41	Indentation and Transverse Diameter of the Meckel Cave: Imaging Markers to Diagnose Idiopathic Intracranial Hypertension. <i>American Journal of Neuroradiology</i> , 2020, 41, 1487-1494.	1.2	14
42	PET and SPECT in Drug and Substance Abuse. <i>Topics in Magnetic Resonance Imaging</i> , 2005, 16, 253-256.	0.7	11
43	An Unusual Case of Isolated Hypoglossal Nerve Palsy Secondary to Osteophytic Projection from the Atlanto-Occipital Joint. <i>Neuroradiology Journal</i> , 2014, 27, 361-364.	0.6	10
44	Revealing the cerebello-ponto-hypothalamic pathway in the human brain. <i>Neuroscience Letters</i> , 2018, 677, 1-5.	1.0	10
45	Fluciclovine, Anti-1-Amino-3-[18F]-Fluorocyclobutane-1-Carboxylic Acid: A Novel Radiotracer for Meningioma. <i>World Neurosurgery</i> , 2018, 119, 132-136.	0.7	10
46	Paragangliomas of the Head and Neck: Imaging Assessment. <i>Ear, Nose and Throat Journal</i> , 2014, 93, E22-E24.	0.4	9
47	Mapping the trajectory of the amygdalothalamic tract in the human brain. <i>Journal of Neuroscience Research</i> , 2018, 96, 1176-1185.	1.3	9
48	MRI Compatibility: Automatic Brain Shunt Valve Recognition using Feature Engineering and Deep Convolutional Neural Networks. <i>Scientific Reports</i> , 2018, 8, 16052.	1.6	9
49	Facial vein thrombophlebitis: an uncommon complication of sinusitis. <i>Pediatric Radiology</i> , 2015, 45, 1244-1248.	1.1	8
50	Brain Quantitative MRI Metrics in Astronauts as a Unique Professional Group. <i>Journal of Neuroimaging</i> , 2018, 28, 256-268.	1.0	8
51	Exercise effects on bed rest-induced brain changes. <i>PLoS ONE</i> , 2018, 13, e0205515.	1.1	8
52	Imaging Manifestations of Tropical Parasitic Infections. <i>Seminars in Roentgenology</i> , 2007, 42, 37-48.	0.2	7
53	Imaging of Chronic Concussion. <i>Neuroimaging Clinics of North America</i> , 2018, 28, 127-135.	0.5	7
54	The Variable Appearance of Third Ventricular Colloid Cysts: Correlation with Histopathology and the Risk of Obstructive Ventriculomegaly. <i>American Journal of Neuroradiology</i> , 2020, 41, 1833-1840.	1.2	7

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55	Novel finding of optic nerve central T2 hypointensity utilizing 3 Tesla MR imaging. <i>Neuroradiology Journal</i> , 2015, 28, 133-136.	0.6	6
56	Imaging of Isolated Cerebral Mucormycosis. <i>Neuroradiology Journal</i> , 2007, 20, 525-530.	0.6	5
57	Imaging and Anatomic Features of Juvenile Angiofibroma. <i>Neurographics</i> , 2011, 1, 84-89.	0.0	5
58	Spindle Cell Hemangioma Reoccurrence in the Hand: Case Report. <i>Hand</i> , 2012, 7, 194-199.	0.7	4
59	Deep learning enabled brain shunt valve identification using mobile phones. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 210, 106356.	2.6	4
60	CT evaluation of caudal versus lumbar access to the intradural space. <i>Neurological Research</i> , 2011, 33, 1094-1098.	0.6	3
61	Longitudinal connectome-based predictive modeling for REM sleep behavior disorder from structural brain connectivity. , 2018, , .		3
62	Subarachnoid and basal cistern navigation through the sacral hiatus with guide wire assistance. <i>Neurological Research</i> , 2011, 33, 633-637.	0.6	2
63	Patient-specific 3D FLAIR for enhanced visualization of brain white matter lesions in multiple sclerosis. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 557-564.	1.9	2
64	Orbital and nasal meningoencephaloceles secondary to chronic hydrocephalus: A rare cause of bilateral proptosis. <i>Neuroradiology Journal</i> , 2018, 31, 420-425.	0.6	2
65	Traumatic spondylolisthesis of axis: clinical and imaging experience at a level one trauma center. <i>Emergency Radiology</i> , 2022, 29, 715-722.	1.0	2
66	A Nasal Mass. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2013, 139, 745.	1.2	1
67	Suspected Liposarcoma of the Hip by Magnetic Resonance Imaging 3 Years After Large-Volume Fat Grafting for Buttock Augmentation. <i>Aesthetic Surgery Journal</i> , 2014, 34, NP66-NP69.	0.9	1
68	Imágenes del depósito de gadolinio en el sistema nervioso central. <i>Revista Chilena De Radiología</i> , 2017, 23, 59-65.	0.2	1
69	Imaging of Cerebral Concussion and Chronic Traumatic Encephalopathy. <i>Neuroimaging Clinics of North America</i> , 2018, 28, xvii-xviii.	0.5	1
70	Development of a Standardized Grading Scale for Atherosclerotic Disease of the Head and Neck. <i>Journal of Computer Assisted Tomography</i> , 2019, 43, 533-538.	0.5	1
71	Atlanto-occipital distraction injuries in survivors: craniometrics and associated ligamentous, spinal cord, and blunt cerebrovascular injury. <i>Emergency Radiology</i> , 2021, 28, 83-92.	1.0	1
72	Recommendations for Neuroradiology Training during Radiology Residency by the American Society of Neuroradiology Section Chiefs Leadership Group. <i>American Journal of Neuroradiology</i> , 2021, 42, E7-E9.	1.2	1

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73	Retropharyngeal masses in neurofibromatosis type 1: Imaging findings in 2 cases. Ear, Nose and Throat Journal, 2014, 93, E35-7.	0.4	1
74	Pitfalls in the Detection of Intracranial Aneurysms With 3-Dimensional 64-Multidetector CT Angiography. Contemporary Diagnostic Radiology, 2012, 35, 1-6.	0.1	0
75	The Many Guises of Mitochondrial Disease. Neurographics, 2013, 3, 2-10.	0.0	0
76	Early imaging findings in Kearns Sayre Syndrome. A case presentation. Mitochondrion, 2015, 24, S13.	1.6	0
77	NIMG-22MORPHOLOGICAL RECONSTRUCTION BASED AUTOMATED SEGMENTATION OF GLIOBLASTOMA TUMOR VOLUME ON MULTI-MODAL MRI IMAGES. Neuro-Oncology, 2015, 17, v158.2-v158.	0.6	0
78	Diagnostic Imaging Fundamentals: Head Trauma. MedEdPORTAL: the Journal of Teaching and Learning Resources, 0, , .	0.5	0
79	NIMG-59. EVALUATION OF GLCM FEATURES BASED CLASSIFIERS IN DIFFERENTIATING TUMOR GRADES ON MULTI-MODAL MR IMAGES. Neuro-Oncology, 2020, 22, ii161-ii161.	0.6	0
80	Calcific tendinitis of the prevertebral space: a case report. Ear, Nose and Throat Journal, 2013, 92, E25-8.	0.4	0