

Josep Puig

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,979
citations

361045

20
h-index

189595

50
g-index

55
all docs

55
docs citations

55
times ranked

4838
citing authors

#	ARTICLE	IF	CITATIONS
1	MRI-Guided Thrombolysis for Stroke with Unknown Time of Onset. <i>New England Journal of Medicine</i> , 2018, 379, 611-622.	13.9	912
2	Molecular phenomics and metagenomics of hepatic steatosis in non-diabetic obese women. <i>Nature Medicine</i> , 2018, 24, 1070-1080.	15.2	465
3	Influence of Stroke Infarct Location on Functional Outcome Measured by the Modified Rankin Scale. <i>Stroke</i> , 2014, 45, 1695-1702.	1.0	193
4	Association of Clinical, Imaging, and Thrombus Characteristics With Recanalization of Visible Intracranial Occlusion in Patients With Acute Ischemic Stroke. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 1017.	3.8	180
5	Gut Microbiota Interacts With Brain Microstructure and Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 4505-4513.	1.8	130
6	Obesity Impairs Short-Term and Working Memory through Gut Microbial Metabolism of Aromatic Amino Acids. <i>Cell Metabolism</i> , 2020, 32, 548-560.e7.	7.2	88
7	Microbiota alterations in proline metabolism impact depression. <i>Cell Metabolism</i> , 2022, 34, 681-701.e10.	7.2	77
8	Resting-State Functional Connectivity Magnetic Resonance Imaging and Outcome After Acute Stroke. <i>Stroke</i> , 2018, 49, 2353-2360.	1.0	61
9	Multiparametric MRI for Differentiation of Radiation Necrosis From Recurrent Tumor in Patients With Treated Glioblastoma. <i>American Journal of Roentgenology</i> , 2018, 210, 18-23.	1.0	56
10	From "Time is Brain" to "Imaging is Brain": A Paradigm Shift in the Management of Acute Ischemic Stroke. <i>Journal of Neuroimaging</i> , 2020, 30, 562-571.	1.0	56
11	Potential Pitfalls of Using Fractional Anisotropy, Axial Diffusivity, and Radial Diffusivity as Biomarkers of Cerebral White Matter Microstructure. <i>Frontiers in Neuroscience</i> , 2021, 15, 799576.	1.4	52
12	Caudovirales bacteriophages are associated with improved executive function and memory in flies, mice, and humans. <i>Cell Host and Microbe</i> , 2022, 30, 340-356.e8.	5.1	50
13	Brain Iron Overload, Insulin Resistance, and Cognitive Performance in Obese Subjects: A Preliminary MRI Case-Control Study. <i>Diabetes Care</i> , 2014, 37, 3076-3083.	4.3	49
14	Hypothalamic Damage Is Associated With Inflammatory Markers and Worse Cognitive Performance in Obese Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E276-E281.	1.8	46
15	The Gut Metagenome Changes in Parallel to Waist Circumference, Brain Iron Deposition, and Cognitive Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2962-2973.	1.8	40
16	Dynamic Magnetic Resonance Angiography Provides Collateral Circulation and Hemodynamic Information in Acute Ischemic Stroke. <i>Stroke</i> , 2016, 47, 531-534.	1.0	33
17	AI-based prognostic imaging biomarkers for precision neuro-oncology: the ReSPOND consortium. <i>Neuro-Oncology</i> , 2020, 22, 886-888.	0.6	31
18	Obesity-associated deficits in inhibitory control are phenocopied to mice through gut microbiota changes in one-carbon and aromatic amino acids metabolic pathways. <i>Gut</i> , 2021, 70, 2283-2296.	6.1	31

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19	Magnetic Resonance Imaging Biomarkers of Brain Connectivity in Predicting Outcome after Mild Traumatic Brain Injury: A Systematic Review. <i>Journal of Neurotrauma</i> , 2020, 37, 1761-1776.	1.7	30
20	Automated ASPECTS in Acute Ischemic Stroke: A Comparative Analysis with CT Perfusion. <i>American Journal of Neuroradiology</i> , 2019, 40, 2033-2038.	1.2	29
21	Whole-Brain Dynamics in Aging: Disruptions in Functional Connectivity and the Role of the Rich Club. <i>Cerebral Cortex</i> , 2021, 31, 2466-2481.	1.6	29
22	Balloon guide catheter improvements in thrombectomy outcomes persist despite advances in intracranial aspiration technology. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 773-778.	2.0	26
23	Imaging-based Selection for Endovascular Treatment in Stroke. <i>Radiographics</i> , 2019, 39, 1696-1713.	1.4	25
24	Obesity Is Associated With Gene Expression and Imaging Markers of Iron Accumulation in Skeletal Muscle. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 1282-1289.	1.8	23
25	MR Perfusion to Determine the Status of Collaterals in Patients with Acute Ischemic Stroke: A Look Beyond Time Maps. <i>American Journal of Neuroradiology</i> , 2018, 39, 219-225.	1.2	18
26	Quantitative Signal Intensity in Fluid-Attenuated Inversion Recovery and Treatment Effect in the WAKE-UP Trial. <i>Stroke</i> , 2020, 51, 209-215.	1.0	18
27	The Aging Imageomics Study: rationale, design and baseline characteristics of the study population. <i>Mechanisms of Ageing and Development</i> , 2020, 189, 111257.	2.2	18
28	Nonalcoholic fatty liver disease and age are strong indicators for atherosclerosis in morbid obesity. <i>Clinical Endocrinology</i> , 2015, 83, 180-186.	1.2	16
29	Brain BOLD MRI O ₂ and CO ₂ stress testing: implications for perioperative neurocognitive disorder following surgery. <i>Critical Care</i> , 2020, 24, 76.	2.5	15
30	Predicting Motor Outcome in Acute Intracerebral Hemorrhage. <i>American Journal of Neuroradiology</i> , 2019, 40, 769-775.	1.2	14
31	Preserved structural connectivity mediates the clinical effect of thrombolysis in patients with anterior-circulation stroke. <i>Nature Communications</i> , 2021, 12, 2590.	5.8	14
32	Robotic-assisted transrectal MRI-guided biopsy. Technical feasibility and role in the current diagnosis of prostate cancer: an initial single-center experience. <i>Abdominal Radiology</i> , 2020, 45, 4150-4159.	1.0	13
33	High-resolution blood-pool-contrast-enhanced MR angiography in glioblastoma: tumor-associated neovascularization as a biomarker for patient survival. A preliminary study. <i>Neuroradiology</i> , 2016, 58, 17-26.	1.1	12
34	Spatial normalization of multiple sclerosis brain MRI data depends on analysis method and software package. <i>Magnetic Resonance Imaging</i> , 2020, 68, 83-94.	1.0	12
35	FDG PET/MRI Coregistration Helps Predict Response to Gamma Knife Radiosurgery in Patients With Brain Metastases. <i>American Journal of Roentgenology</i> , 2019, 212, 425-430.	1.0	11
36	Glioblastoma TCGA Mesenchymal and IGS 23 Tumors are Identifiable by IHC and have an Immune-phenotype Indicating a Potential Benefit from Immunotherapy. <i>Clinical Cancer Research</i> , 2020, 26, 6600-6609.	3.2	10

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37	Albumin-binding MR blood pool contrast agent improves diagnostic performance in human brain tumour: comparison of two contrast agents for glioblastoma. <i>European Radiology</i> , 2013, 23, 1093-1101.	2.3	9
38	Glycated Hemoglobin, but not Insulin Sensitivity, is Associated with Memory in Subjects with Obesity. <i>Obesity</i> , 2019, 27, 932-942.	1.5	9
39	The effect of external stimulation on functional networks in the aging healthy human brain. <i>Cerebral Cortex</i> , 2022, 33, 235-245.	1.6	8
40	Safety and efficacy of intravenous thrombolysis in stroke patients on prior antiplatelet therapy in the WAKE-UP trial. <i>Neurological Research and Practice</i> , 2020, 2, 40.	1.0	7
41	Lipidomics and metabolomics signatures of SARS-CoV-2 mediators/receptors in peripheral leukocytes, jejunum and colon. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 6080-6089.	1.9	7
42	Clot Burden Score and Early Ischemia Predict Intracranial Hemorrhage following Endovascular Therapy. <i>American Journal of Neuroradiology</i> , 2019, 40, 655-660.	1.2	6
43	Bariatric Surgery-Induced Changes in Intima-Media Thickness and Cardiovascular Risk Factors in Class 3 Obesity: A 3-Year Follow-Up Study. <i>Obesity</i> , 2020, 28, 1663-1670.	1.5	6
44	Influence of stroke infarct location on quality of life assessed in a multivariate lesion-symptom mapping study. <i>Scientific Reports</i> , 2021, 11, 13490.	1.6	6
45	RNA sequencing and Immunohistochemistry Reveal ZFN7 as a Stronger Marker of Survival than Molecular Subtypes in G-CIMP-negative Glioblastoma. <i>Clinical Cancer Research</i> , 2021, 27, 645-655.	3.2	5
46	Macrovascular Networks on Contrast-Enhanced Magnetic Resonance Imaging Improves Survival Prediction in Newly Diagnosed Glioblastoma. <i>Cancers</i> , 2019, 11, 84.	1.7	4
47	Clinical Characteristics and Outcome of Patients with Lacunar Infarcts and Concurrent Embolic Ischemic Lesions. <i>Clinical Neuroradiology</i> , 2020, 30, 511-516.	1.0	3
48	Structural changes in subcutaneous and visceral abdominal fatty tissue induced by local application of 448kHz capacitive resistive monopolar radiofrequency: a magnetic resonance imaging case study. <i>Lasers in Medical Science</i> , 2022, 37, 3739-3748.	1.0	3
49	24-hour blood pressure variability and treatment effect of intravenous alteplase in acute ischaemic stroke. <i>European Stroke Journal</i> , 2021, 6, 168-175.	2.7	2
50	Neurocognitive Profile of the Post-COVID Condition in Adults in Catalonia: A Mixed Method Prospective Cohort and Nested Case-Control Study: Study Protocol. <i>Vaccines</i> , 2022, 10, 849.	2.1	1