

Daniele Procissi

List of Publications by Year in descending order

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71
papers

1,942
citations

304368

22
h-index

276539

41
g-index

74
all docs

74
docs citations

74
times ranked

3573
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous <i>in vivo</i> positron emission tomography and magnetic resonance imaging. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3705-3710.	3.3	301
2	MerTK Cleavage on Resident Cardiac Macrophages Compromises Repair After Myocardial Ischemia Reperfusion Injury. Circulation Research, 2017, 121, 930-940.	2.0	144
3	Role of nucleus accumbens in neuropathic pain: Linked multi-scale evidence in the rat transitioning to neuropathic pain. Pain, 2014, 155, 1128-1139.	2.0	133
4	ACVR1 R206H cooperates with H3.1K27M in promoting diffuse intrinsic pontine glioma pathogenesis. Nature Communications, 2019, 10, 1023.	5.8	87
5	In vivo ¹⁹ F Magnetic Resonance Spectroscopy and Chemical Shift Imaging of Tri-Fluoro-Nitroimidazole as a Potential Hypoxia Reporter in Solid Tumors. Clinical Cancer Research, 2007, 13, 3738-3747.	3.2	61
6	Photothermal ablation of pancreatic cancer cells with hybrid iron-oxide core gold-shell nanoparticles. International Journal of Nanomedicine, 2013, 8, 3437.	3.3	58
7	Novel method for functional brain imaging in awake minimally restrained rats. Journal of Neurophysiology, 2016, 116, 61-80.	0.9	55
8	Temperature-Sensitive Magnetic Drug Carriers for Concurrent Gemcitabine Chemohyperthermia. Advanced Healthcare Materials, 2014, 3, 714-724.	3.9	54
9	Heisenberg spin triangles in V ₆ -type magnetic molecules: Experiment and theory. Physical Review B, 2002, 66, .	1.1	52
10	Image-Guided Local Delivery Strategies Enhance Therapeutic Nanoparticle Uptake in Solid Tumors. ACS Nano, 2013, 7, 7724-7733.	7.3	50
11	Downregulation of the Apelinergic Axis Accelerates Aging, whereas Its Systemic Restoration Improves the Mammalian Healthspan. Cell Reports, 2017, 21, 1471-1480.	2.9	50
12	Rapid dramatic alterations to the tumor microstructure in pancreatic cancer following irreversible electroporation ablation. Nanomedicine, 2014, 9, 1181-1192.	1.7	46
13	Acute CD47 Blockade During Ischemic Myocardial Reperfusion Enhances Phagocytosis-Associated Cardiac Repair. JACC Basic To Translational Science, 2017, 2, 386-397.	1.9	40
14	CNS demyelination in fibrodysplasia ossificans progressiva. Journal of Neurology, 2012, 259, 2644-2655.	1.8	37
15	Brain activity for tactile allodynia: a longitudinal awake rat functional magnetic resonance imaging study tracking emergence of neuropathic pain. Pain, 2017, 158, 488-497.	2.0	36
16	Targeting VE-PTP phosphatase protects the kidney from diabetic injury. Journal of Experimental Medicine, 2019, 216, 936-949.	4.2	34
17	Combination Treatment with the GSK-3 Inhibitor 9-ING-41 and CCNU Cures Orthotopic Chemoresistant Glioblastoma in Patient-Derived Xenograft Models. Translational Oncology, 2017, 10, 669-678.	1.7	32
18	Quantitative, Simultaneous PET/MRI for Intratumoral Imaging with an MRI-Compatible PET Scanner. Journal of Nuclear Medicine, 2012, 53, 1102-1109.	2.8	28

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19	Loss of Transcriptional Repression by BCL6 Confers Insulin Sensitivity in the Setting of Obesity. <i>Cell Reports</i> , 2018, 25, 3283-3298.e6.	2.9	28
20	Monocyte depletion attenuates the development of posttraumatic hydrocephalus and preserves white matter integrity after traumatic brain injury. <i>PLoS ONE</i> , 2018, 13, e0202722.	1.1	28
21	Aberrant resting-state functional connectivity in a genetic rat model of depression. <i>Psychiatry Research - Neuroimaging</i> , 2014, 222, 111-113.	0.9	27
22	A Novel Microglia-Specific Transcriptional Signature Correlates With Behavioral Deficits in Neuropsychiatric Lupus. <i>Frontiers in Immunology</i> , 2020, 11, 230.	2.2	27
23	Activation of the dorsal, but not the ventral, hippocampus relieves neuropathic pain in rodents. <i>Pain</i> , 2021, 162, 2865-2880.	2.0	27
24	Antigen-loaded Dendritic Cell Migration: MR Imaging in a Pancreatic Carcinoma Model. <i>Radiology</i> , 2015, 274, 192-200.	3.6	26
25	Complete Disruption of the Kainate Receptor Gene Family Results in Corticostriatal Dysfunction in Mice. <i>Cell Reports</i> , 2017, 18, 1848-1857.	2.9	25
26	CAMSAP3 facilitates basal body polarity and the formation of the central pair of microtubules in motile cilia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13571-13579.	3.3	25
27	Intrinsic connectivity of neural networks in the awake rabbit. <i>NeuroImage</i> , 2016, 129, 260-267.	2.1	24
28	Pharmacologic modulation of nasal epithelium augments neural stem cell targeting of glioblastoma. <i>Theranostics</i> , 2019, 9, 2071-2083.	4.6	24
29	MRI-guided interventional natural killer cell delivery for liver tumor treatment. <i>Cancer Medicine</i> , 2018, 7, 1860-1869.	1.3	23
30	Al ² -accelerated neurodegeneration caused by Alzheimer's-associated ACE variant R1279Q is rescued by angiotensin system inhibition in mice. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	22
31	Hybridization-induced off-on NMR Signal Probe Release from DNA-Functionalized Gold Nanoparticles. <i>Small</i> , 2011, 7, 1977-1981.	5.2	21
32	High resolution MRI for non-invasive mouse lymph node mapping. <i>Journal of Immunological Methods</i> , 2013, 400-401, 23-29.	0.6	20
33	Quantitative pharmacologic MRI: Mapping the cerebral blood volume response to cocaine in dopamine transporter knockout mice. <i>NeuroImage</i> , 2011, 55, 622-628.	2.1	18
34	Neural stem cells secreting bispecific T cell engager to induce selective antiglioma activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	18
35	A robust coregistration method for <i>in vivo</i> studies using a first generation simultaneous PET/MR scanner. <i>Medical Physics</i> , 2010, 37, 1995-2003.	1.6	15
36	Quantitative pharmacologic MRI in mice. <i>NMR in Biomedicine</i> , 2012, 25, 498-505.	1.6	15

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37	BOLD temporal variability differentiates wakefulness from anesthesia-induced unconsciousness. <i>Journal of Neurophysiology</i> , 2018, 119, 834-848.	0.9	14
38	Differential neuropathology and functional outcome after equivalent traumatic brain injury in aged versus young adult mice. <i>Experimental Neurology</i> , 2021, 341, 113714.	2.0	14
39	Serial Diffusion MRI to Monitor and Model Treatment Response of the Targeted Nanotherapy CRLX101. <i>Clinical Cancer Research</i> , 2013, 19, 2518-2527.	3.2	13
40	Kidney-intrinsic factors determine the severity of ischemia/reperfusion injury in a mouse model of delayed graft function. <i>Kidney International</i> , 2020, 98, 1489-1501.	2.6	13
41	Activity-induced manganese-dependent MRI (AIM-MRI) and functional MRI in awake rabbits during somatosensory stimulation. <i>NeuroImage</i> , 2016, 126, 72-80.	2.1	12
42	Characterization of CC-531 as a Rat Model of Colorectal Liver Metastases. <i>PLoS ONE</i> , 2016, 11, e0155334.	1.1	12
43	Noninvasive monitoring of branched Au nanoparticle-mediated photothermal ablation. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 2352-2359.	1.6	11
44	The rabbit as a behavioral model system for magnetic resonance imaging. <i>Journal of Neuroscience Methods</i> , 2018, 300, 196-205.	1.3	10
45	Cardiac MRI Myocardial Functional and Tissue Characterization Detects Early Cardiac Dysfunction in a Mouse Model of Chemotherapy-Induced Cardiotoxicity. <i>NMR in Biomedicine</i> , 2020, 33, e4327.	1.6	10
46	Preclinical Safety of a 3D-Printed Hydroxyapatite-Demineralized Bone Matrix Scaffold for Spinal Fusion. <i>Spine</i> , 2022, 47, 82-89.	1.0	10
47	Fecal Microbiota Transfer Attenuates Gut Dysbiosis and Functional Deficits After Traumatic Brain Injury. <i>Shock</i> , 2022, 57, 251-259.	1.0	9
48	¹⁸ F-FDG PET Biomarkers Help Detect Early Metabolic Response to Irreversible Electroporation and Predict Therapeutic Outcomes in a Rat Liver Tumor Model. <i>Radiology</i> , 2018, 287, 137-145.	3.6	8
49	Mouse dendritic cell migration in abdominal lymph nodes by intraperitoneal administration. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 2859-2867.	0.0	8
50	PLG nanoparticles target fibroblasts and MARCO+ monocytes to reverse multiorgan fibrosis. <i>JCI Insight</i> , 2022, 7, .	2.3	8
51	Distribution of Iron Oxide Core-Titanium Dioxide Shell Nanoparticles in VX2 Tumor Bearing Rabbits Introduced by Two Different Delivery Modalities. <i>Nanomaterials</i> , 2016, 6, 143.	1.9	7
52	A supervised deep neural network approach with standardized targets for enhanced accuracy of IVIM parameter estimation from multi-contrast MRI images. <i>NMR in Biomedicine</i> , 2022, 35, e4774.	1.6	7
53	Yttrium-90 Radioembolization and Tumor Hypoxia: Gas-challenge BOLD Imaging in the VX2 Rabbit Model of Hepatocellular Carcinoma. <i>Academic Radiology</i> , 2020, 28, 849-858.	1.3	6
54	Quantitative functional MRI in a clinical orthotopic model of pancreatic cancer in immunocompetent Lewis rats. <i>American Journal of Translational Research (discontinued)</i> , 2015, 7, 1475-86.	0.0	6

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55	Preclinical and clinical evaluation of the liver tumor irreversible electroporation by magnetic resonance imaging. American Journal of Translational Research (discontinued), 2017, 9, 580-590.	0.0	6
56	Diffusion MRI biomarkers predict the outcome of irreversible electroporation in a pancreatic tumor mouse model. American Journal of Cancer Research, 2018, 8, 1615-1623.	1.4	6
57	Seven-Tesla Magnetic Resonance Imaging Accurately Quantifies Intratumoral Uptake of Therapeutic Nanoparticles in the McA Rat Model of Hepatocellular Carcinoma. Investigative Radiology, 2014, 49, 87-92.	3.5	5
58	Slow-Release Doxorubicin Pellets Generate Myocardial Cardiotoxic Changes in Mice Without Significant Systemic Toxicity. Cardiovascular Toxicology, 2019, 19, 482-484.	1.1	5
59	Feasibility of Combination Intra-arterial Yttrium-90 and Irinotecan Microspheres in the VX2 Rabbit Model. CardioVascular and Interventional Radiology, 2020, 43, 1528-1537.	0.9	5
60	Pretrial functional connectivity differentiates behavioral outcomes during trace eyeblink conditioning in the rabbit. Learning and Memory, 2016, 23, 161-168.	0.5	4
61	A β oligomer induced cognitive impairment and evaluation of ACU193 β -based MRI in rabbit. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2020, 6, e12087.	1.8	4
62	Diet-induced Alzheimer's-like syndrome in the rabbit. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2022, 8, e12241.	1.8	4
63	MR Imaging Enables Measurement of Therapeutic Nanoparticle Uptake in Rat N1-S1 Liver Tumors after Nanoablation. Journal of Vascular and Interventional Radiology, 2014, 25, 1288-1294.	0.2	3
64	Magnetic Resonance Imaging Assessment of Carcinogen-induced Murine Bladder Tumors. Journal of Visualized Experiments, 2019, , .	0.2	2
65	Yttrium-90 Portal Vein Radioembolization in Sprague-Dawley Rats: Dose-Dependent Imaging and Pathological Changes in Normal Liver. CardioVascular and Interventional Radiology, 2020, 43, 1925-1935.	0.9	2
66	Detection of memory- and learning-related brain connectivity changes following trace eyeblink-conditioning using resting-state functional magnetic resonance imaging in the awake rabbit. Journal of Comparative Neurology, 2021, 529, 1597-1606.	0.9	2
67	Correlation and Agreement of Yttrium-90 Positron Emission Tomography/Computed Tomography with Ex Vivo Radioembolization Microsphere Deposition in the Rabbit VX2 Liver Tumor Model. Journal of Vascular and Interventional Radiology, 2021, 32, 23-32.e1.	0.2	2
68	Image-guided dendritic cell-based vaccine immunotherapy in murine carcinoma models. American Journal of Translational Research (discontinued), 2017, 9, 4564-4573.	0.0	2
69	Use of X-Ray Fluorescence Microscopy for Studies on Research Models of Hepatocellular Carcinoma. Frontiers in Public Health, 2021, 9, 711506.	1.3	1
70	Editorial for "Alterations in Resting-State Functional MRI Connectivity Related to Cognitive Changes in Intracranial Dural Arteriovenous Fistulas Before and After Embolization Treatment". Journal of Magnetic Resonance Imaging, 2022, 55, 1200-1201.	1.9	0
71	Abstract 3898: Discovering novel therapies in the treatment of osteosarcoma. Cancer Research, 2022, 82, 3898-3898.	0.4	0