John A Ronald

List of Publications by Year
in descending order

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51	1,883	535685	312153
papers	citations	17	41
		h-index	g-index

61	61	61	3120
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular Imaging Reveals a High Degree of Cross-Seeding of Spontaneous Metastases in a Novel Mouse Model of Synchronous Bilateral Breast Cancer. Molecular Imaging and Biology, 2022, 24, 104-114.	1.3	3
2	Molecular imaging of cellular immunotherapies in experimental and therapeutic settings. Cancer Immunology, Immunotherapy, 2022, 71, 1281-1294.	2.0	5
3	Visualizing CAR-T cell Immunotherapy Using 3 Tesla Fluorine-19 MRI. Molecular Imaging and Biology, 2022, 24, 298-308.	1.3	7
4	A Human-derived Dual MRI/PET Reporter Gene System with High Translational Potential for Cell Tracking. Molecular Imaging and Biology, 2022, 24, 341-351.	1.3	7
5	Visualizing tumour self-homing with magnetic particle imaging. Nanoscale, 2021, 13, 6016-6023.	2.8	19
6	Safe harbor-targeted CRISPR-Cas9 homology-independent targeted integration for multimodality reporter gene-based cell tracking. Science Advances, 2021, 7, .	4.7	40
7	A survivin-driven, tumor-activatable minicircle system for prostate cancer theranostics. Molecular Therapy - Oncolytics, 2021, 20, 209-219.	2.0	9
8	The NIH Somatic Cell Genome Editing program. Nature, 2021, 592, 195-204.	13.7	84
9	Modular cell-assembled adipose matrix-derived bead foams as a mesenchymal stromal cell delivery platform for soft tissue regeneration. Biomaterials, 2021, 275, 120978.	5.7	4
10	A method for the efficient iron-labeling of patient-derived xenograft cells and cellular imaging validation. Journal of Biological Methods, 2021, 8, e154.	1.0	1
11	Brightening up Biology: Advances in Luciferase Systems for in Vivo Imaging. ACS Chemical Biology, 2021, 16, 2707-2718.	1.6	42
12	Engineering Circulating Tumor Cells as Novel Cancer Theranostics. Theranostics, 2020, 10, 7925-7937.	4.6	11
13	Microvesicle-Mediated Delivery of Minicircle DNA Results in Effective Gene-Directed Enzyme Prodrug Cancer Therapy. Molecular Cancer Therapeutics, 2019, 18, 2331-2342.	1.9	54
14	Close Association of Myeloperoxidase-Producing Activated Microglia with Amyloid Plaques in Hypercholesterolemic Rabbits. Journal of Alzheimer's Disease, 2019, 67, 1221-1234.	1.2	3
15	Invadopodia are chemosensing protrusions that guide cancer cell extravasation to promote brain tropism in metastasis. Oncogene, 2019, 38, 3598-3615.	2.6	51
16	Targeting FER Kinase Inhibits Melanoma Growth and Metastasis. Cancers, 2019, 11, 419.	1.7	15
17	A novel approach for assessment of prostate cancer aggressiveness using survivin-driven tumour-activatable minicircles. Gene Therapy, 2019, 26, 177-186.	2.3	7
18	Cellular MRI Reveals Altered Brain Arrest of Genetically Engineered Metastatic Breast Cancer Cells. Contrast Media and Molecular Imaging, 2019, 2019, 1-7.	0.4	3

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19	Development of a Human Photoacoustic Imaging Reporter Gene Using the Clinical Dye Indocyanine Green. Radiology Imaging Cancer, 2019, 1, e190035.	0.7	15
20	Longitudinal Visualization of Viable Cancer Cell Intratumoral Distribution in Mouse Models Using Oatp1a1-Enhanced Magnetic Resonance Imaging. Investigative Radiology, 2019, 54, 302-311.	3.5	28
21	[18F]FSPG-PET reveals increased cystine/glutamate antiporter (xc-) activity in a mouse model of multiple sclerosis. Journal of Neuroinflammation, 2018, 15, 55.	3.1	21
22	Safe Harbor Targeted CRISPR-Cas9 Tools for Molecular-Genetic Imaging of Cells in Living Subjects. CRISPR Journal, 2018, 1, 440-449.	1.4	8
23	Translational models of prostate cancer bone metastasis. Nature Reviews Urology, 2018, 15, 403-421.	1.9	88
24	Multimodality cellular and molecular imaging of concomitant tumour enhancement in a syngeneic mouse model of breast cancer metastasis. Scientific Reports, 2018, 8, 8930.	1.6	12
25	In Vivo MRI of Amyloid Plaques in a Cholesterol-Fed Rabbit Model of Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2018, 64, 911-923.	1.2	9
26	Evaluating Nonintegrating Lentiviruses as Safe Vectors for Noninvasive Reporter-Based Molecular Imaging of Multipotent Mesenchymal Stem Cells. Human Gene Therapy, 2018, 29, 1213-1225.	1.4	7
27	Characterization of an Orthotopic Rat Model of Glioblastoma Using Multiparametric Magnetic Resonance Imaging and Bioluminescence Imaging. Tomography, 2018, 4, 55-65.	0.8	10
28	A PET Imaging Strategy to Visualize Activated T Cells in Acute Graft-versus-Host Disease Elicited by Allogenic Hematopoietic Cell Transplant. Cancer Research, 2017, 77, 2893-2902.	0.4	98
29	Artificial MicroRNAs as Novel Secreted Reporters for Cell Monitoring in Living Subjects. PLoS ONE, 2016, 11, e0159369.	1.1	7
30	MRI and histopathologic study of a novel cholesterolâ€fed rabbit model of xanthogranuloma. Journal of Magnetic Resonance Imaging, 2016, 44, 673-682.	1.9	5
31	A multimodality imaging model to track viable breast cancer cells from single arrest to metastasis in the mouse brain. Scientific Reports, 2016, 6, 35889.	1.6	19
32	Investigating the Impact of a Primary Tumor on Metastasis and Dormancy Using MRI: New Insights into the Mechanism of Concomitant Tumor Resistance. Tomography, 2016, 2, 79-84.	0.8	10
33	Detecting cancers through tumor-activatable minicircles that lead to a detectable blood biomarker. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3068-3073.	3.3	46
34	MicroRNA-regulated non-viral vectors with improved tumor specificity in an orthotopic rat model of hepatocellular carcinoma. Gene Therapy, 2013, 20, 1006-1013.	2.3	6
35	Development and Validation of Non-Integrative, Self-Limited, and Replicating Minicircles for Safe Reporter Gene Imaging of Cell-Based Therapies. PLoS ONE, 2013, 8, e73138.	1.1	21
36	Does iron inhibit calcification during atherosclerosis?. Free Radical Biology and Medicine, 2012, 53, 1675-1679.	1.3	24

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37	Intratumoral versus Intravenous Gene Therapy Using a Transcriptionally Targeted Viral Vector in an Orthotopic Hepatocellular Carcinoma Rat Model. Journal of Vascular and Interventional Radiology, 2012, 23, 704-711.	0.2	16
38	Potent, tumor-specific gene expression in an orthotopic hepatoma rat model using a Survivin-targeted, amplifiable adenoviral vector. Gene Therapy, 2011, 18, 606-612.	2.3	28
39	Imaging Myeloperoxidase Activity in Cardiovascular Disease. Current Cardiovascular Imaging Reports, 2011, 4, 24-31.	0.4	5
40	Controlled Selfâ€Assembling of Gadolinium Nanoparticles as Smart Molecular Magnetic Resonance Imaging Contrast Agents. Angewandte Chemie - International Edition, 2011, 50, 6283-6286.	7.2	145
41	Early identification of aortic valve sclerosis using iron oxide enhanced MRI. Journal of Magnetic Resonance Imaging, 2010, 31, 110-116.	1.9	11
42	Comparison of Gadofluorine-M and Gd-DTPA for Noninvasive Staging of Atherosclerotic Plaque Stability Using MRI. Circulation: Cardiovascular Imaging, 2009, 2, 226-234.	1.3	28
43	Enzyme-Sensitive Magnetic Resonance Imaging Targeting Myeloperoxidase Identifies Active Inflammation in Experimental Rabbit Atherosclerotic Plaques. Circulation, 2009, 120, 592-599.	1.6	151
44	Clinical field-strength MRI of amyloid plaques induced by low-level cholesterol feeding in rabbits. Brain, 2009, 132, 1346-1354.	3.7	16
45	The in vivo diagnosis of earlyâ€stage aortic valve sclerosis using magnetic resonance imaging in a rabbit model. Journal of Magnetic Resonance Imaging, 2009, 29, 825-831.	1.9	4
46	Nuclear Microscopy: A Novel Technique for Quantitative Imaging of Gadolinium Distribution within Tissue Sections. Microscopy and Microanalysis, 2009, 15, 338-344.	0.2	5
47	MRI of earlyâ€•and lateâ€stage arterial remodeling in a lowâ€level cholesterolâ€fed rabbit model of atherosclerosis. Journal of Magnetic Resonance Imaging, 2007, 26, 1010-1019.	1.9	12
48	In vivo magnetic resonance imaging of single cells in mouse brain with optical validation. Magnetic Resonance in Medicine, 2006, 55, 23-29.	1.9	280
49	In vivo MRI of cancer cell fate at the single-cell level in a mouse model of breast cancer metastasis to the brain. Magnetic Resonance in Medicine, 2006, 56, 1001-1010.	1.9	286
50	Dermal fibroblasts cultured on small intestinal submucosa: Conditions for the formation of a neotissue. Journal of Biomedical Materials Research - Part A, 2005, 75A, 895-906.	2.1	17
51	Development of aortic valve sclerosis in a rabbit model of atherosclerosis: an immunohistochemical and histological study. Journal of Heart Valve Disease, 2005, 14, 365-75.	0.5	35