

# James Russell

## List of Publications by Year in descending order

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27  
papers

1,001  
citations

567281

15  
h-index

552781

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1926  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of capecitabine metabolites in conjunction with digital autoradiography in a murine model of pancreatic cancer suggests extensive drug penetration through the tumor. <i>Pharmacology Research and Perspectives</i> , 2022, 10, e00898.	2.4	0
2	Predicting Gemcitabine Delivery by <sup>18</sup> F-FAC PET in Murine Models of Pancreatic Cancer. <i>Journal of Nuclear Medicine</i> , 2021, 62, 195-200.	5.0	6
3	Senescence-Induced Vascular Remodeling Creates Therapeutic Vulnerabilities in Pancreas Cancer. <i>Cell</i> , 2020, 181, 424-441.e21.	28.9	216
4	Comparing the intra-tumoral distribution of Gemcitabine, 5-Fluorouracil, and Capecitabine in a murine model of pancreatic ductal adenocarcinoma. <i>PLoS ONE</i> , 2020, 15, e0231745.	2.5	7
5	An Antitumor Immune Response Is Evoked by Partial-Volume Single-Dose Radiation in 2 Murine Models. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 697-708.	0.8	62
6	Single-dose radiotherapy disables tumor cell homologous recombination via ischemia/reperfusion injury. <i>Journal of Clinical Investigation</i> , 2019, 129, 786-801.	8.2	50
7	Technical Note: Scintillation well counters and particle counting digital autoradiography devices can be used to detect activities associated with genomic profiling adequacy of biopsy specimens obtained after a low activity <sup>18</sup> F-FDG injection. <i>Medical Physics</i> , 2018, 45, 2179-2185.	3.0	8
8	<sup>18</sup> F-fluoromisonidazole predicts evofosfamide uptake in pancreatic tumor model. <i>EJNMMI Research</i> , 2018, 8, 53.	2.5	5
9	In Vitro and In Vivo Comparison of Gemcitabine and the Gemcitabine Analog 1-(2-deoxy-2-fluoroarabinofuranosyl) Cytosine (FAC) in Human Orthotopic and Genetically Modified Mouse Pancreatic Cancer Models. <i>Molecular Imaging and Biology</i> , 2017, 19, 885-892.	2.6	14
10	A Combination of Radiation and the Hypoxia-Activated Prodrug Evofosfamide (TH-302) is Efficacious against a Human Orthotopic Pancreatic Tumor Model. <i>Translational Oncology</i> , 2017, 10, 760-765.	3.7	33
11	Molecular Imaging for Personalized Medicine. <i>BioMed Research International</i> , 2016, 2016, 1-1.	1.9	2
12	Distribution of Gemcitabine Is Nearly Homogenous in Two Orthotopic Murine Models of Pancreatic Cancer. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2015, 30, 299-304.	1.0	6
13	Reverse-Contrast Imaging and Targeted Radiation Therapy of Advanced Pancreatic Cancer Models. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 444-453.	0.8	12
14	<sup>18</sup> F-Fluoromisonidazole PET Imaging as a Biomarker for the Response to 5,6-Dimethylxanthenone-4-Acetic Acid in Colorectal Xenograft Tumors. <i>Journal of Nuclear Medicine</i> , 2011, 52, 437-444.	5.0	31
15	Metabolic Imaging: A Link between Lactate Dehydrogenase A, Lactate, and Tumor Phenotype. <i>Clinical Cancer Research</i> , 2011, 17, 6250-6261.	7.0	92
16	Detection of hypoxia in microscopic tumors using <sup>131</sup> I-labeled iodo-azomycin galactopyranoside ( <sup>131</sup> I-HAZGP) digital autoradiography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 339-348.	6.4	24
17	Atrasentan (ABT-627) enhances perfusion and reduces hypoxia in a human tumor xenograft model. <i>Cancer Biology and Therapy</i> , 2009, 8, 1940-1946.	3.4	4
18	Immunohistochemical Detection of Changes in Tumor Hypoxia. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 73, 1177-1186.	0.8	58

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19	Genotype-dependent radiosensitivity: Clonogenic survival, apoptosis and cell-cycle redistribution. <i>International Journal of Radiation Biology</i> , 2008, 84, 151-164.	1.8	22
20	A quantitative overview of radiosensitivity of human tumor cells across histological type and TP53 status. <i>International Journal of Radiation Biology</i> , 2008, 84, 253-264.	1.8	57
21	Changes in tumor hypoxia induced by mild temperature hyperthermia as assessed by dual-tracer immunohistochemistry. <i>Radiotherapy and Oncology</i> , 2008, 88, 269-276.	0.6	63
22	Human tumor cells segregate into radiosensitivity groups that associate with ATM and TP53 status. <i>Acta Oncologica</i> , 2007, 46, 628-638.	1.8	31
23	Detecting changes in tumor hypoxia with carbonic anhydrase IX and pimonidazole. <i>Cancer Biology and Therapy</i> , 2007, 6, 70-75.	3.4	38
24	Changes in the Levels of CD4+ and CD8+ T-Lymphocytes After Strontium-89 Chloride Therapy for Painful Bone Metastases in Patients Correlate with Treatment Efficacy. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2007, 22, 367-373.	1.0	7
25	Visualization of Hypoxia in Microscopic Tumors by Immunofluorescent Microscopy. <i>Cancer Research</i> , 2007, 67, 7646-7653.	0.9	111
26	Studies with cytotoxic agents suggest that apoptosis is not a major determinant of clonogenic death in neuroblastoma cells. <i>European Journal of Cancer</i> , 2003, 39, 2234-2238.	2.8	9
27	Iodination of annexin V for imaging apoptosis. <i>Journal of Nuclear Medicine</i> , 2002, 43, 671-7.	5.0	33