

Zachary S Morris

List of Publications by Year in descending order

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66
papers

2,085
citations

361413

20
h-index

276875

41
g-index

67
all docs

67
docs citations

67
times ranked

3261
citing authors

#	ARTICLE	IF	CITATIONS
1	Translational Development and Testing of Theranostics in Combination with Immunotherapies. , 2022, , 267-280.		0
2	The Role of MRI-Guided Radiotherapy for Soft Tissue Sarcomas. Journal of Clinical Medicine, 2022, 11, 1042.	2.4	1
3	Mechanism of effective combination radio-immunotherapy against 9464D-GD2, an immunologically cold murine neuroblastoma. , 2022, 10, e004834.		4
4	The Radiobiology of Radiopharmaceuticals. Seminars in Radiation Oncology, 2021, 31, 20-27.	2.2	21
5	Temporal analysis of type 1 interferon activation in tumor cells following external beam radiotherapy or targeted radionuclide therapy. Theranostics, 2021, 11, 6120-6137.	10.0	34
6	Depth of tumor implantation affects response to in situ vaccination in a syngeneic murine melanoma model. , 2021, 9, e002107.		8
7	Radiation dose and fraction in immunotherapy: one-size regimen does not fit all settings, so how does one choose?. , 2021, 9, e002038.		124
8	Combination of Bempregaldesleukin and Anti-CTLA-4 Prevents Metastatic Dissemination After Primary Resection or Radiotherapy in a Preclinical Model of Non-Small Cell Lung Cancer. Frontiers in Oncology, 2021, 11, 645352.	2.8	2
9	Low-Dose Radiation Potentiates the Propagation of Anti-Tumor Immunity against Melanoma Tumor in the Brain after In Situ Vaccination at a Tumor outside the Brain. Radiation Research, 2021, 195, 522-540.	1.5	6
10	Combination of radiation therapy, bempregaldesleukin, and checkpoint blockade eradicates advanced solid tumors and metastases in mice. , 2021, 9, e002715.		26
11	Using Radiation Therapy to Prime and Propagate an Anti-tumor Immune Response Against Brain Tumors. NeuroMolecular Medicine, 2021, , 1.	3.4	2
12	A multipurpose brachytherapy catheter to enable intratumoral injection. Brachytherapy, 2021, 20, 900-910.	0.5	0
13	Future Directions in the Use of SABR for the Treatment of Oligometastatic Cancers. Seminars in Radiation Oncology, 2021, 31, 253-262.	2.2	5
14	Optimizing Flow Cytometric Analysis of Immune Cells in Samples Requiring Cryopreservation from Tumor-Bearing Mice. Journal of Immunology, 2021, 207, ji2000656.	0.8	3
15	Targeted Alpha-Particle Radiotherapy and Immune Checkpoint Inhibitors Induces Cooperative Inhibition on Tumor Growth of Malignant Melanoma. Cancers, 2021, 13, 3676.	3.7	13
16	Low-dose targeted radionuclide therapy renders immunologically cold tumors responsive to immune checkpoint blockade. Science Translational Medicine, 2021, 13, .	12.4	92
17	Abstract LB039: Oncolytic Seneca Valley Virus (SVV) overcomes resistance to checkpoint inhibitor therapies in neuroendocrine and melanoma murine models expressing the receptor for SVV. , 2021, , .		0
18	Safety and feasibility of an in situ vaccination and immunomodulatory targeted radionuclide combination immuno-radiotherapy approach in a comparative (companion dog) setting. PLoS ONE, 2021, 16, e0255798.	2.5	12

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19	Prospective Clinical Investigation of the Efficacy of Combination Radiation Therapy With Immune Checkpoint Inhibition. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 1165-1175.	0.8	8
20	Toward magnetic resonance fingerprinting for low-field MR-guided radiation therapy. <i>Medical Physics</i> , 2021, 48, 6930-6940.	3.0	22
21	Quantification and molecular imaging of fatty acid isomers from complex biological samples by mass spectrometry. <i>Chemical Science</i> , 2021, 12, 8115-8122.	7.4	32
22	Radiation Augments the Local Anti-Tumor Effect of In Situ Vaccine With CpG-Oligodeoxynucleotides and Anti-OX40 in Immunologically Cold Tumor Models. <i>Frontiers in Immunology</i> , 2021, 12, 763888.	4.8	9
23	In situ vaccination at a peripheral tumor site augments response against melanoma brain metastases. , 2020, 8, e000809.		6
24	Tumor-Specific Antibody, Cetuximab, Enhances the In Situ Vaccine Effect of Radiation in Immunologically Cold Head and Neck Squamous Cell Carcinoma. <i>Frontiers in Immunology</i> , 2020, 11, 591139.	4.8	23
25	In situ Vaccine Plus Checkpoint Blockade Induces Memory Humoral Response. <i>Frontiers in Immunology</i> , 2020, 11, 1610.	4.8	12
26	Intratumoral injection reduces toxicity and antibody-mediated neutralization of immunocytokine in a mouse melanoma model. , 2020, 8, e001262.		14
27	Outcome-Related Signatures Identified by Whole Transcriptome Sequencing of Resectable Stage III/IV Melanoma Evaluated after Starting Hu14.18-IL2. <i>Clinical Cancer Research</i> , 2020, 26, 3296-3306.	7.0	12
28	The Promise of Combining Radiation Therapy With Immunotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 6-16.	0.8	92
29	Priming and Propagating Anti-tumor Immunity: Focal Hypofractionated Radiation for in Situ Vaccination and Systemic Targeted Radionuclide Theranostics for Immunomodulation of Tumor Microenvironments. <i>Seminars in Radiation Oncology</i> , 2020, 30, 181-186.	2.2	21
30	Development of an In Situ Cancer Vaccine via Combinational Radiation and Bacterial Membrane-Coated Nanoparticles. <i>Advanced Materials</i> , 2019, 31, e1902626.	21.0	144
31	⁹⁰ Y-NM600 targeted radionuclide therapy induces immunologic memory in syngeneic models of T-cell Non-Hodgkin's Lymphoma. <i>Communications Biology</i> , 2019, 2, 79.	4.4	39
32	Preclinical Characterization of ⁸⁶ / ₉₀ Y-NM600 in a Variety of Murine and Human Cancer Tumor Models. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1622-1628.	5.0	16
33	Combined innate and adaptive immunotherapy overcomes resistance of immunologically cold syngeneic murine neuroblastoma to checkpoint inhibition. , 2019, 7, 344.		45
34	International Survey on the Use of Complementary and Alternative Medicines for Common Toxicities of Radiation Therapy. <i>Advances in Radiation Oncology</i> , 2019, 4, 134-141.	1.2	2
35	Combining precision radiotherapy with molecular targeting and immunomodulatory agents: a guideline by the American Society for Radiation Oncology. <i>Lancet Oncology</i> , The, 2018, 19, e240-e251.	10.7	108
36	Tumor-Specific Inhibition of In Situ Vaccination by Distant Untreated Tumor Sites. <i>Cancer Immunology Research</i> , 2018, 6, 825-834.	3.4	61

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37	Merlin/ERM proteins regulate growth factor-induced macropinocytosis and receptor recycling by organizing the plasma membrane:cytoskeleton interface. <i>Genes and Development</i> , 2018, 32, 1201-1214.	5.9	39
38	Combining brachytherapy and immunotherapy to achieve in situ tumor vaccination: A review of cooperative mechanisms and clinical opportunities. <i>Brachytherapy</i> , 2018, 17, 995-1003.	0.5	23
39	Bridging Innovation and Outreach to Overcome Global Gaps in Radiation Oncology Through Information and Communication Tools, Trainee Advancement, Engaging Industry, Attention to Ethical Challenges, and Political Advocacy. <i>Seminars in Radiation Oncology</i> , 2017, 27, 98-108.	2.2	7
40	Supply and Demand for Radiation Oncology in the United States: A Resident Perspective. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 225-227.	0.8	22
41	Transcriptional-mediated effects of radiation on the expression of immune susceptibility markers in melanoma. <i>Radiotherapy and Oncology</i> , 2017, 124, 418-426.	0.6	18
42	Online patient information from radiation oncology departments is too complex for the general population. <i>Practical Radiation Oncology</i> , 2017, 7, 57-62.	2.1	29
43	<i>In Situ</i> Tumor Vaccination by Combining Local Radiation and Tumor-Specific Antibody or Immunocytokine Treatments. <i>Cancer Research</i> , 2016, 76, 3929-3941.	0.9	120
44	Readability of Online Patient Educational Resources Found on NCI-Designated Cancer Center Web Sites. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2016, 14, 735-740.	4.9	19
45	Increased tumor response to neoadjuvant therapy among rectal cancer patients taking angiotensinâ€œconverting enzyme inhibitors or angiotensin receptor blockers. <i>Cancer</i> , 2016, 122, 2487-2495.	4.1	39
46	Pan-HER Inhibitor Augments Radiation Response in Human Lung and Head and Neck Cancer Models. <i>Clinical Cancer Research</i> , 2016, 22, 633-643.	7.0	20
47	Results of the 2013-2015 Association of Residents in Radiation Oncology Survey of Chief Residents in the United States. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 228-234.	0.8	75
48	Abstract 4011: Effective in situ immunization via local radiation therapy (RT) and tumor-specific immunocytokine (IC): Suppression from distant tumor is blocked by RT or Treg-depleting CTLA-4 antibody. , 2016, , .		0
49	Abstract 4013: Transcriptionally mediated effects of radiation on the expression of immune susceptibility markers in murine and human melanoma. , 2016, , .		0
50	Impact of a Contralateral Tumor Nodule on Survival in Non-Small-Cell Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2015, 10, 1608-1615.	1.1	3
51	Immunocytokine augments local and abscopal response and animal survival when added to radiation and CTLA-4 checkpoint inhibition in a murine melanoma model. , 2015, 3, .		2
52	NK cell-mediated antibody-dependent cellular cytotoxicity in cancer immunotherapy. <i>Frontiers in Immunology</i> , 2015, 6, 368.	4.8	411
53	Therapeutic combination of radiolabeled CLR1404 with external beam radiation in head and neck cancer model systems. <i>Radiotherapy and Oncology</i> , 2015, 116, 504-509.	0.6	18
54	NF2/Merlin mediates contact-dependent inhibition of EGFR mobility and internalization via cortical actomyosin. <i>Journal of Cell Biology</i> , 2015, 211, 391-405.	5.2	54

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55	Immunocytokine Augments the Local and Abscopal Response to Radiation and CTLA4 Checkpoint Inhibition in a Murine Melanoma Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, S93-S94.	0.8	1
56	Education and Training Needs in Radiation Oncology in India: Opportunities for Indo-US Collaborations. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 957-960.	0.8	3
57	SYM004. <i>Drugs of the Future</i> , 2015, 40, 0371.	0.1	0
58	Interaction of Radiation Therapy With Molecular Targeted Agents. <i>Journal of Clinical Oncology</i> , 2014, 32, 2886-2893.	1.6	77
59	Increased Pathologic Complete Response to Neoadjuvant Radiation in Rectal Cancer Patients Taking an Angiotensin Converting Enzyme Inhibitor or Angiotensin Receptor Blocker. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, S395.	0.8	2
60	Delivery of definitive dose external beam radiation in close proximity to an implanted deep brain stimulator. <i>Practical Radiation Oncology</i> , 2014, 4, 294-297.	2.1	4
61	In vivo synergy of radiation and hu14.18-IL2 immunocytokine results in a memory T cell response in a syngeneic murine melanoma model. , 2014, 2, .		0
62	Thyroid-specific knockout of the tumor suppressor mitogen-inducible gene 6 activates epidermal growth factor receptor signaling pathways and suppresses nuclear factor- κ B activity. <i>Surgery</i> , 2011, 150, 1295-1302.	1.9	6
63	Aberrant epithelial morphology and persistent epidermal growth factor receptor signaling in a mouse model of renal carcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9767-9772.	7.1	54
64	The Neurofibroma Cell of Origin: SKPs Expand the Playing Field. <i>Cell Stem Cell</i> , 2009, 4, 371-372.	11.1	4
65	Inter- and Intraspecific Variation in Excited-state Triplet Energy Transfer Rates in Reaction Centers of Photosynthetic Bacteria. <i>Photochemistry and Photobiology</i> , 2003, 78, 114-123.	2.5	8
66	Lysine substitutions near photoactive cofactors in the bacterial photosynthetic reaction center have opposite effects on the rate of triplet energy transfer. <i>Chemical Physics</i> , 2003, 294, 329-346.	1.9	5