

Jason A Somarelli

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

2,458
citations

331670

21
h-index

254184

43
g-index

90
all docs

90
docs citations

90
times ranked

3830
citing authors

#	ARTICLE	IF	CITATIONS
1	<scp>EMT</scp> and <scp>MET</scp>: necessary or permissive for metastasis?. <i>Molecular Oncology</i> , 2017, 11, 755-769.	4.6	319
2	Prospective Multicenter Validation of Androgen Receptor Splice Variant 7 and Hormone Therapy Resistance in High-Risk Castration-Resistant Prostate Cancer: The PROPHECY Study. <i>Journal of Clinical Oncology</i> , 2019, 37, 1120-1129.	1.6	267
3	Hybrid epithelial/mesenchymal phenotypes promote metastasis and therapy resistance across carcinomas. , 2019, 194, 161-184.		244
4	Survival Outcomes in Cancer Patients Predicted by a Partial EMT Gene Expression Scoring Metric. <i>Cancer Research</i> , 2017, 77, 6415-6428.	0.9	206
5	Plastic pollution solutions: emerging technologies to prevent and collect marine plastic pollution. <i>Environment International</i> , 2020, 144, 106067.	10.0	200
6	Mesenchymal-Epithelial Transition in Sarcomas Is Controlled by the Combinatorial Expression of MicroRNA 200s and GRHL2. <i>Molecular and Cellular Biology</i> , 2016, 36, 2503-2513.	2.3	88
7	Cellular Migration and Invasion Uncoupled: Increased Migration Is Not an Inexorable Consequence of Epithelial-to-Mesenchymal Transition. <i>Molecular and Cellular Biology</i> , 2014, 34, 3486-3499.	2.3	80
8	Alternative splicing in multiple sclerosis and other autoimmune diseases. <i>RNA Biology</i> , 2010, 7, 462-473.	3.1	66
9	Epithelial/mesenchymal plasticity: how have quantitative mathematical models helped improve our understanding?. <i>Molecular Oncology</i> , 2017, 11, 739-754.	4.6	64
10	The role of epithelial plasticity in prostate cancer dissemination and treatment resistance. <i>Cancer and Metastasis Reviews</i> , 2014, 33, 441-468.	5.9	59
11	Whole Genomic Copy Number Alterations in Circulating Tumor Cells from Men with Abiraterone or Enzalutamide-Resistant Metastatic Castration-Resistant Prostate Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 1346-1357.	7.0	58
12	Soft Tissue Sarcoma of the Extremities: What Is the Value of Treating at High-volume Centers?. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 718-727.	1.5	46
13	Snail promotes resistance to enzalutamide through regulation of androgen receptor activity in prostate cancer. <i>Oncotarget</i> , 2016, 7, 50507-50521.	1.8	44
14	Molecular Biology and Evolution of Cancer: From Discovery to Action. <i>Molecular Biology and Evolution</i> , 2020, 37, 320-326.	8.9	43
15	Limb salvage versus amputation in patients with osteosarcoma of the extremities: an update in the modern era using the National Cancer Database. <i>BMC Cancer</i> , 2020, 20, 995.	2.6	43
16	E-Cadherin Represses Anchorage-Independent Growth in Sarcomas through Both Signaling and Mechanical Mechanisms. <i>Molecular Cancer Research</i> , 2019, 17, 1391-1402.	3.4	35
17	Bioengineering a Future Free of Marine Plastic Waste. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	33
18	Evolution of the 12 kDa FK506-binding protein gene. <i>Biology of the Cell</i> , 2007, 99, 311-321.	2.0	31

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19	Molecular determinants for enzalutamide-induced transcription in prostate cancer. <i>Nucleic Acids Research</i> , 2019, 47, 10104-10114.	14.5	27
20	Fluorescence-based alternative splicing reporters for the study of epithelial plasticity in vivo. <i>Rna</i> , 2013, 19, 116-127.	3.5	25
21	Expression of immune checkpoints on circulating tumor cells in men with metastatic prostate cancer. <i>Biomarker Research</i> , 2021, 9, 14.	6.8	24
22	The Hallmarks of Cancer as Ecologically Driven Phenotypes. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	24
23	PhyloOncology: Understanding cancer through phylogenetic analysis. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2017, 1867, 101-108.	7.4	22
24	Exploring the Diversity of the Marine Environment for New Anti-cancer Compounds. <i>Frontiers in Marine Science</i> , 2021, 7, .	2.5	22
25	Carcinosarcomas: tumors in transition?. <i>Histology and Histopathology</i> , 2015, 30, 673-87.	0.7	21
26	KLF4 Induces Mesenchymalâ€“Epithelial Transition (MET) by Suppressing Multiple EMT-Inducing Transcription Factors. <i>Cancers</i> , 2021, 13, 5135.	3.7	21
27	Spliceosomal immunophilins. <i>FEBS Letters</i> , 2008, 582, 2345-2351.	2.8	20
28	To what extent did Neanderthals and modern humans interact?. <i>Biological Reviews</i> , 2009, 84, 245-257.	10.4	20
29	Improving Cancer Drug Discovery by Studying Cancer across the Tree of Life. <i>Molecular Biology and Evolution</i> , 2020, 37, 11-17.	8.9	20
30	Discordant and heterogeneous clinically relevant genomic alterations in circulating tumor cells vs plasma DNA from men with metastatic castration resistant prostate cancer. <i>Genes Chromosomes and Cancer</i> , 2020, 59, 225-239.	2.8	18
31	From the Clinic to the Bench and Back Again in One Dog Year: How a Cross-Species Pipeline to Identify New Treatments for Sarcoma Illuminates the Path Forward in Precision Medicine. <i>Frontiers in Oncology</i> , 2020, 10, 117.	2.8	18
32	Analysis of immune subtypes across the epithelial-mesenchymal plasticity spectrum. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 3842-3851.	4.1	18
33	An Integrative Systems Biology and Experimental Approach Identifies Convergence of Epithelial Plasticity, Metabolism, and Autophagy to Promote Chemoresistance. <i>Journal of Clinical Medicine</i> , 2019, 8, 205.	2.4	17
34	A Precision Medicine Drug Discovery Pipeline Identifies Combined CDK2 and 9 Inhibition as a Novel Therapeutic Strategy in Colorectal Cancer. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 2516-2527.	4.1	17
35	Preclinical Testing of a Novel Niclosamide Stearate Prodrug Therapeutic (NSPT) Shows Efficacy Against Osteosarcoma. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 1448-1461.	4.1	17
36	Pharmacodynamic study of radium-223 in men with bone metastatic castration resistant prostate cancer. <i>PLoS ONE</i> , 2019, 14, e0216934.	2.5	14

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37	Immune dysregulation and osteosarcoma: <i>Staphylococcus aureus</i> downregulates TGF β ² and heightens the inflammatory signature in human and canine macrophages suppressed by osteosarcoma. <i>Veterinary and Comparative Oncology</i> , 2020, 18, 64-75.	1.8	14
38	Development of a precision medicine pipeline to identify personalized treatments for colorectal cancer. <i>BMC Cancer</i> , 2020, 20, 592.	2.6	14
39	A phase 2 trial of avelumab in men with aggressive-variant or neuroendocrine prostate cancer. <i>Prostate Cancer and Prostatic Diseases</i> , 2022, 25, 762-769.	3.9	13
40	A Comparative Oncology Drug Discovery Pipeline to Identify and Validate New Treatments for Osteosarcoma. <i>Cancers</i> , 2020, 12, 3335.	3.7	11
41	Baby Genomics: Tracing the Evolutionary Changes That Gave Rise to Placentation. <i>Genome Biology and Evolution</i> , 2020, 12, 35-47.	2.5	11
42	The somatic molecular evolution of cancer: Mutation, selection, and epistasis. <i>Progress in Biophysics and Molecular Biology</i> , 2021, 165, 56-65.	2.9	11
43	The PROPHECY trial: Multicenter prospective trial of circulating tumor cell (CTC) AR-V7 detection in men with mCRPC receiving abiraterone (A) or enzalutamide (E).. <i>Journal of Clinical Oncology</i> , 2018, 36, 5004-5004.	1.6	8
44	U1 small nuclear RNA variants differentially form ribonucleoprotein particles in vitro. <i>Gene</i> , 2014, 540, 11-15.	2.2	7
45	Questions to guide cancer evolution as a framework for furthering progress in cancer research and sustainable patient outcomes. , 2022, 39, .		7
46	The Marquesans at the fringes of the Austronesian expansion. <i>European Journal of Human Genetics</i> , 2019, 27, 801-810.	2.8	6
47	A Zebrafish Model of Metastatic Colonization Pinpoints Cellular Mechanisms of Circulating Tumor Cell Extravasation. <i>Frontiers in Oncology</i> , 2021, 11, 641187.	2.8	6
48	Identifying Modifiable and Non-modifiable Risk Factors of Readmission and Short-Term Mortality in Osteosarcoma: A National Cancer Database Study. <i>Annals of Surgical Oncology</i> , 2021, 28, 7961-7972.	1.5	5
49	An integrated comparative physiology and molecular approach pinpoints mediators of breath-hold capacity in dolphins. <i>Evolution, Medicine and Public Health</i> , 2021, 9, 420-430.	2.5	5
50	Extent of tumor fibrosis/hyalinization and infarction following neoadjuvant radiation therapy is associated with improved survival in patients with soft-tissue sarcoma. <i>Cancer Medicine</i> , 2022, 11, 194-206.	2.8	5
51	Induction of Mesenchymal-Epithelial Transitions in Sarcoma Cells. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	4
52	Small nuclear RNA variants of three <i>Bombyx mori</i> strains. <i>Entomological Research</i> , 2008, 38, 61-68.	1.1	3
53	U2 snRNA variants are differentially incorporated into spliceosomes. <i>Entomological Research</i> , 2009, 39, 135-145.	1.1	3
54	Phenotypic plasticity and lineage switching in prostate cancer. , 2020, , 591-615.		3

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55	Treatment of Chondroblastoma with Denosumab. <i>JBS Case Connector</i> , 2021, 11, .	0.3	3
56	A three-dimensional model of the U1 small nuclear ribonucleoprotein particle. <i>Entomological Research</i> , 2010, 40, 104-112.	1.1	2
57	Identifying Modifiable and Non-modifiable Risk Factors of Readmission and Short-Term Mortality in Chondrosarcoma: A National Cancer Database Study. <i>Annals of Surgical Oncology</i> , 2022, 29, 1392-1408.	1.5	2
58	Manganese Porphyrin and Radiotherapy Improves Local Tumor Response and Overall Survival in Orthotopic Murine Mammary Carcinoma Models. <i>Radiation Research</i> , 2020, 195, 128-139.	1.5	2
59	Characterization of a castrate-resistant prostate cancer xenograft derived from a patient of West African ancestry. <i>Prostate Cancer and Prostatic Diseases</i> , 2022, 25, 513-523.	3.9	2
60	Genome-based identification of spliceosomal proteins in the silk moth <i>Bombyx mori</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2010, 75, 231-263.	1.5	1
61	ASO Visual Abstract: Identifying Modifiable and Non-Modifiable Risk Factors of Readmission and Short-Term Mortality in Osteosarcoma—A National Cancer Database Study. <i>Annals of Surgical Oncology</i> , 2021, 28, 449-450.	1.5	1
62	ASO Author Reflections: Identifying Modifiable and Non-Modifiable Risk Factors of Readmission and Short-Term Mortality in Chondrosarcoma. <i>Annals of Surgical Oncology</i> , 2022, 29, 1409-1410.	1.5	1
63	Genomic and phenotypic evidence for prostate cancer osteomimicry in circulating tumor cells from men with metastatic castration resistant prostate cancer (mCRPC) treated with radium-223.. <i>Journal of Clinical Oncology</i> , 2018, 36, 160-160.	1.6	1
64	ASO Visual Abstract: Identifying Modifiable and Non-Modifiable Risk Factors of Readmission and Short-Term Mortality in Chondrosarcoma: A National Cancer Database Study. <i>Annals of Surgical Oncology</i> , 2021, , 1.	1.5	1
65	Association of circulating tumor cell chromosomal instability with worse outcomes in men with mCRPC treated with abiraterone or enzalutamide.. <i>Journal of Clinical Oncology</i> , 2020, 38, 183-183.	1.6	1
66	Post-Austronesian migrational wave of West Polynesians to Micronesia. <i>Gene</i> , 2022, 823, 146357.	2.2	1
67	Abstract SS02-02: A long walk from FGFR2 alternative splicing to cancer progression. , 2014, , .		0
68	A precision medicine strategy to identify the FGFR pathway as a novel target in colorectal cancer liver metastasis.. <i>Journal of Clinical Oncology</i> , 2018, 36, 660-660.	1.6	0
69	Genomic and phenotypic evidence for prostate cancer osteomimicry in circulating tumor cells from men with metastatic castration resistant prostate cancer (mCRPC) treated with radium-223.. <i>Journal of Clinical Oncology</i> , 2018, 36, 5029-5029.	1.6	0
70	Abstract B038: Convergent hormone therapy resistance mediated by stress/dormancy-like pathways in prostate cancer. , 2018, , .		0
71	A precision medicine drug discovery pipeline to identify dual CDK2/9 inhibition as a novel treatment for colorectal cancer.. <i>Journal of Clinical Oncology</i> , 2020, 38, e16056-e16056.	1.6	0
72	Abstract A114: Characterization of a metastatic prostate cancer xenograft derived from a patient of African ancestry. , 2020, , .		0

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73	Abstract P204: Targeting the p300/CBP epigenetic pathway to overcome hormone therapy resistance in advanced prostate cancer. , 2021, , .		0