Sarah R Amend

List of Publications by Year
in descending order

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54 papers	1,738 citations	331538 21 h-index	302012 39 g-index
60 all docs	60 docs citations	60 times ranked	2726 citing authors

#	Article	IF	Citations
1	Targeting Tyro3, Axl and MerTK (TAM receptors): implications for macrophages in the tumor microenvironment. Molecular Cancer, 2019, 18, 94.	7.9	237
2	Murine Hind Limb Long Bone Dissection and Bone Marrow Isolation. Journal of Visualized Experiments, 2016, , .	0.2	166
3	Integrins and bone metastasis: Integrating tumor cell and stromal cell interactions. Bone, 2011, 48, 54-65.	1.4	140
4	Polyploid giant cancer cells: Unrecognized actuators of tumorigenesis, metastasis, and resistance. Prostate, 2019, 79, 1489-1497.	1.2	116
5	Comprehensive evaluation of methods for small extracellular vesicles separation from human plasma, urine and cell culture medium. Journal of Extracellular Vesicles, 2020, 10, e12044.	5.5	97
6	Revisiting Seed and Soil: Examining the Primary Tumor and Cancer Cell Foraging in Metastasis. Molecular Cancer Research, 2017, 15, 361-370.	1.5	79
7	Ecology meets cancer biology: The cancer swamp promotes the lethal cancer phenotype. Oncotarget, 2015, 6, 9669-9678.	0.8	72
8	Cancer recurrence and lethality are enabled by enhanced survival and reversible cell cycle arrest of polyaneuploid cells. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	61
9	Antagonizing Integrin Î²3 Increases Immunosuppression in Cancer. Cancer Research, 2016, 76, 3484-3495.	0.4	58
10	Identifying key questions in the ecology and evolution of cancer. Evolutionary Applications, 2021, 14, 877-892.	1.5	58
11	Polyâ€aneuploid cancer cells promote evolvability, generating lethal cancer. Evolutionary Applications, 2020, 13, 1626-1634.	1.5	54
12	Thrombospondin-1 Regulates Bone Homeostasis Through Effects on Bone Matrix Integrity and Nitric Oxide Signaling in Osteoclasts. Journal of Bone and Mineral Research, 2015, 30, 106-115.	3.1	51
13	CXCR4 Protein Epitope Mimetic Antagonist POL5551 Disrupts Metastasis and Enhances Chemotherapy Effect in Triple-Negative Breast Cancer. Molecular Cancer Therapeutics, 2015, 14, 2473-2485.	1.9	51
14	Convergent Evolution, Evolving Evolvability, and the Origins of Lethal Cancer. Molecular Cancer Research, 2020, 18, 801-810.	1.5	48
15	Ecological paradigms to understand the dynamics of metastasis. Cancer Letters, 2016, 380, 237-242.	3.2	44
16	AXL Is a Putative Tumor Suppressor and Dormancy Regulator in Prostate Cancer. Molecular Cancer Research, 2019, 17, 356-369.	1.5	36
17	ROS-induced cell cycle arrest as a mechanism of resistance in polyaneuploid cancer cells (PACCs). Progress in Biophysics and Molecular Biology, 2021, 165, 3-7.	1.4	36
18	The mouse QTL map helps interpret human genome-wide association studies for HDL cholesterol. Journal of Lipid Research, 2011, 52, 1139-1149.	2.0	28

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19	Interplay between Cell Death and Cell Proliferation Reveals New Strategies for Cancer Therapy. International Journal of Molecular Sciences, 2022, 23, 4723.	1.8	27
20	Whole Genome Sequence of Multiple Myeloma-Prone C57BL/KaLwRij Mouse Strain Suggests the Origin of Disease Involves Multiple Cell Types. PLoS ONE, 2015, 10, e0127828.	1.1	26
21	Identifying global expression patterns and key regulators in epithelial to mesenchymal transition through multi-study integration. BMC Cancer, 2017, 17, 447.	1.1	26
22	Extracellular vesicle isolation from human renal cancer tissue. Medical Oncology, 2020, 37, 28.	1.2	23
23	Cancer Cells and M2 Macrophages: Cooperative Invasive Ecosystem Engineers. Cancer Control, 2020, 27, 107327482091105.	0.7	16
24	Cancer Foraging Ecology: Diet Choice, Patch Use, and Habitat Selection of Cancer Cells. Current Pathobiology Reports, 2018, 6, 209-218.	1.6	15
25	High-Throughput Simultaneous mRNA Profiling Using nCounter Technology Demonstrates That Extracellular Vesicles Contain Different mRNA Transcripts Than Their Parental Prostate Cancer Cells. Analytical Chemistry, 2021, 93, 3717-3725.	3.2	15
26	Optimization of prostate cancer cell detection using multiplex tyramide signal amplification. Journal of Cellular Biochemistry, 2019, 120, 4804-4812.	1.2	14
27	High KIFC1 expression is associated with poor prognosis in prostate cancer. Medical Oncology, 2021, 38, 47.	1.2	14
28	Murine Prostate Micro-dissection and Surgical Castration. Journal of Visualized Experiments, 2016, , .	0.2	13
29	Lipid droplet evolution gives insight into polyaneuploid cancer cell lipid droplet functions. Medical Oncology, 2021, 38, 133.	1.2	11
30	Characterization of tumorâ€associated macrophages in prostate cancer transgenic mouse models. Prostate, 2021, 81, 629-647.	1.2	10
31	Robots as models of evolving systems. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2120019119.	3.3	10
32	The role of liquid biopsies in prostate cancer management. Lab on A Chip, 2021, 21, 3263-3288.	3.1	9
33	Optimized data-independent acquisition approach for proteomic analysis at single-cell level. Clinical Proteomics, 2022, 19, .	1.1	9
34	Cancer cell foraging to explain bone-specific metastatic progression. Bone, 2022, 158, 115788.	1.4	8
35	An in vitro tumor swamp model of heterogeneous cellular and chemotherapeutic landscapes. Lab on A Chip, 2020, 20, 2453-2464.	3.1	8
36	The combination of sizeâ€based separation and selectionâ€free technology provides higher circulating tumour cells detection sensitivity than either method alone in patients with metastatic prostate cancer. BJU International, 2020, 126, 191-201.	1.3	7

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37	Advancements in the identification of EV derived mRNA biomarkers for liquid biopsy of clear cell renal cell carcinomas. Urology, 2022, 160, 87-93.	0.5	7
38	Polyaneuploid Cancer Cell Dormancy: Lessons From Evolutionary Phyla. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	6
39	Prospective evaluation of 68Ga-PSMA-11 PET/CT in Chinese men with biochemical recurrence after radical prostatectomy for prostate cancer: relationships between location of recurrence, time after prostatectomy, and serum PSA level. Medical Oncology, 2020, 37, 89.	1.2	5
40	The issues with tissues: the wide range of cell fate separation enables the evolution of multicellularity and cancer. Medical Oncology, 2020, 37, 62.	1.2	5
41	Defining candidate mRNA and protein EV biomarkers to discriminate ccRCC and pRCC from non-malignant renal cells in vitro. Medical Oncology, 2021, 38, 105.	1.2	5
42	A simple selection-free method for detecting disseminated tumor cells (DTCs) in murine bone marrow. Oncotarget, 2016, 7, 69794-69803.	0.8	5
43	Analysis of the Circulating Tumor Cell Capture Ability of a Slit Filter-Based Method in Comparison to a Selection-Free Method in Multiple Cancer Types. International Journal of Molecular Sciences, 2020, 21, 9031.	1.8	4
44	It doesnâ€™t always pay to be fit: success landscapes. Journal of Biological Physics, 2021, 47, 387-400.	0.7	3
45	Ten unanswered questions in cancer: "If this is true, what does it imply"?. American Journal of Clinical and Experimental Urology, 2018, 6, 26-31.	0.4	2
46	Editorial: From Ecology to Cancer Biology and Back Again. Frontiers in Ecology and Evolution, 2022, 10, .	1.1	2
47	Deletion Of Samsn1 Underlies Genetic Susceptibility To Monoclonal Gammopathy Of Undetermined Significance (MGUS) In Mice. Blood, 2013, 122, 397-397.	0.6	1
48	Inherited Loss of Samsn1 Contributes to Increased Risk of MGUS and MM through Effects on Multiple Cell Types, Including B-Cells, Transformed Myeloma Cells, and Macrophages. Blood, 2014, 124, 2075-2075.	0.6	0
49	Whole Genome Sequence of Multiple Myelomaâ€Prone C57BL/KaLwRij Mouse Strain Suggests the Origin of Disease Involves Multiple Cell Types. FASEB Journal, 2015, 29, 926.9.	0.2	0
50	Twelve unanswered questions in cancer inspired by the life and work of Leland Chung: "if this is true, what does it imply"?. American Journal of Clinical and Experimental Urology, 2021, 9, 254-260.	0.4	0
51	Extracellular Vesicle Uptake Assay via Confocal Microscope Imaging Analysis. Journal of Visualized Experiments, 2022, , .	0.2	0
52	Abstract B022: The polyaneuploid transition as a hedge against failures in resistance acquisition. Cancer Research, 2022, 82, B022-B022.	0.4	0
53	Abstract A001: Modeling cancerâ€™s ecological and evolutionary dynamics. Cancer Research, 2022, 82, A001-A001.	0.4	0
54	Abstract B015: Eco-evolutionary dynamics of poly-aneuploid cancer cells: A life history model. Cancer Research, 2022, 82, B015-B015.	0.4	0