Mehdi Damaghi

List of Publications by Year
in descending order

35 papers	2,259 citations	516561 16 h-index	454834 30 g-index
47 all docs	47 docs citations	47 times ranked	3569 citing authors

#	Article	IF	Citations
1	Neutralization of Tumor Acidity Improves Antitumor Responses to Immunotherapy. Cancer Research, 2016, 76, 1381-1390.	0.4	451
2	pH sensing and regulation in cancer. Frontiers in Physiology, 2013, 4, 370.	1.3	443
3	Systems analysis of intracellular pH vulnerabilities for cancer therapy. Nature Communications, 2018, 9, 2997.	5.8	277
4	Causes, consequences, and therapy of tumors acidosis. Cancer and Metastasis Reviews, 2019, 38, 205-222.	2.7	200
5	Chronic acidosis in the tumour microenvironment selects for overexpression of LAMP2 in the plasma membrane. Nature Communications, 2015, 6, 8752.	5.8	151
6	Defining Cancer Subpopulations by Adaptive Strategies Rather Than Molecular Properties Provides Novel Insights into Intratumoral Evolution. Cancer Research, 2017, 77, 2242-2254.	0.4	110
7	The harsh microenvironment in early breast cancer selects for a Warburg phenotype. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	78
8	T-cells produce acidic niches in lymph nodes to suppress their own effector functions. Nature Communications, 2020, 11, 4113.	5.8	77
9	Turnover Modulates the Need for a Cost of Resistance in Adaptive Therapy. Cancer Research, 2021, 81, 1135-1147.	0.4	71
10	Phenotypic changes of acid-adapted cancer cells push them toward aggressiveness in their evolution in the tumor microenvironment. Cell Cycle, 2017, 16, 1739-1743.	1.3	51
11	One Î²â€…Hairpin after the Other: Exploring Mechanical Unfolding Pathways of the Transmembrane Î²â€Barrel Protein OmpG. Angewandte Chemie - International Edition, 2009, 48, 8306-8308.	7.2	38
12	pH-Dependent Interactions Guide the Folding and Gate the Transmembrane Pore of the Î²-Barrel Membrane Protein OmpG. Journal of Molecular Biology, 2010, 397, 878-882.	2.0	37
13	One Î² Hairpin Follows the Other: Exploring Refolding Pathways and Kinetics of the Transmembrane Î²â€Barrel Protein OmpG. Angewandte Chemie - International Edition, 2011, 50, 7422-7424.	7.2	32
14	Dendrosomes as novel gene porters-III. Journal of Chemical Technology and Biotechnology, 2008, 83, 912-920.	1.6	30
15	Integrative Analysis of Breast Cancer Cells Reveals an Epithelial-Mesenchymal Transition Role in Adaptation to Acidic Microenvironment. Frontiers in Oncology, 2020, 10, 304.	1.3	28
16	Frequency-dependent interactions determine outcome of competition between two breast cancer cell lines. Scientific Reports, 2021, 11, 4908.	1.6	21
17	Dual energy landscape: The functional state of the Î²â€barrel outer membrane protein G molds its unfolding energy landscape. Proteomics, 2010, 10, 4151-4162.	1.3	16
18	Long Noncoding RNAs in Gastrointestinal Cancer: Tumor Suppression Versus Tumor Promotion. Digestive Diseases and Sciences, 2021, 66, 381-397.	1.1	16

#	Article	IF	Citations
19	Cycling hypoxia selects for constitutive HIF stabilization. Scientific Reports, 2021, 11, 5777.	1.6	16
20	Mix and Match: Phenotypic Coexistence as a Key Facilitator of Cancer Invasion. Bulletin of Mathematical Biology, 2020, 82, 15.	0.9	13
21	Lysosomal protein relocation as an adaptation mechanism to extracellular acidosis. Cell Cycle, 2016, 15, 1659-1660.	1.3	12
22	Collagen production and niche engineering: A novel strategy for cancer cells to survive acidosis in DCIS and evolve. Evolutionary Applications, 2020, 13, 2689-2703.	1.5	11
23	Exploring the Metabolic Heterogeneity of Cancers: A Benchmark Study of Context-Specific Models. Journal of Personalized Medicine, 2021, 11, 496.	1.1	11
24	Extracellular Acidification Induces Lysosomal Dysregulation. Cells, 2021, 10, 1188.	1.8	9
25	Targeting of Evolutionarily Acquired Cancer Cell Phenotype by Exploiting pHi-Metabolic Vulnerabilities. Cancers, 2021, 13, 64.	1.7	8
26	Causes and Consequences of Variable Tumor Cell Metabolism on Heritable Modifications and Tumor Evolution. Frontiers in Oncology, 2020, 10, 373.	1.3	5
27	Abstract 3538: Enhanced dependence on lipid metabolism is a cellular adaptation to acidic microenvironment. Cancer Research, 2017, 77, 3538-3538.	0.4	2
28	Omics Integration Analyses Reveal the Early Evolution of Malignancy in Breast Cancer. Cancers, 2020, 12, 1460.	1.7	1
29	Acidity suppresses T cell function and increases memory T cell development. FASEB Journal, 2019, 33, lb596.	0.2	1
30	Predicting the results of competition between two breast cancer lines grown in 3-D spheroid culture. Mathematical Biosciences, 2021, 336, 108575.	0.9	0
31	Abstract 1265: LAMP2 overexpression in the plasma membrane of breast cancer cells in response of chronic acidosis as a new imaging and therapeutic target. , 2015, , .		0
32	Abstract 5094: Acid-induced collagen remodeling promotes cancer progress as a result of niche engineering competition between cancer and stroma cells. , 2016, , .		0
33	Abstract B51: Tumor cell evolutionary strategies to overcome immune response. , 2017, , .		0
34	Abstract 171: Acid-induced collagen remodeling promotes cancer progress as a result of niche engineering. , 2018, , .		0
35	Abstract 1140: A new twist on an old strategy: Can the lymph node environment help cancers escape immune surveillance. , 2019, , .		0