Zachary T Schafer

List of Publications by Year
in descending order

26 papers	2,518 citations	471509 17 h-index	552781 26 g-index
28 all docs	28 docs citations	28 times ranked	4541 citing authors

#	Article	IF	Citations
1	Antioxidant and oncogene rescue of metabolic defects caused by loss of matrix attachment. Nature, 2009, 461, 109-113.	27.8	882
2	Cancer cell survival during detachment from the ECM: multiple barriers to tumour progression. Nature Reviews Cancer, 2014, 14, 632-641.	28.4	312
3	IL-6 involvement in epithelial cancers. Journal of Clinical Investigation, 2007, 117, 3660-3663.	8.2	234
4	The Apoptosome: Physiological, Developmental, and Pathological Modes of Regulation. Developmental Cell, 2006, 10, 549-561.	7.0	214
5	Antioxidant Enzymes Mediate Survival of Breast Cancer Cells Deprived of Extracellular Matrix. Cancer Research, 2013, 73, 3704-3715.	0.9	114
6	Mitochondrial Reactive Oxygen Species and Mitophagy: A Complex and Nuanced Relationship. Antioxidants and Redox Signaling, 2021, 34, 517-530.	5.4	109
7	The regulation of cancer cell death and metabolism by extracellular matrix attachment. Seminars in Cell and Developmental Biology, 2012, 23, 402-411.	5.0	107
8	RIPK1-mediated induction of mitophagy compromises the viability of extracellular-matrix-detached cells. Nature Cell Biology, 2018, 20, 272-284.	10.3	75
9	Metabolism during ECM Detachment: Achilles Heel of Cancer Cells?. Trends in Cancer, 2017, 3, 475-481.	7.4	67
10	Mechanisms of redox metabolism and cancer cell survival during extracellular matrix detachment. Journal of Biological Chemistry, 2018, 293, 7531-7537.	3.4	67
11	Antioxidant Activity during Tumor Progression: A Necessity for the Survival of Cancer Cells?. Cancers, 2016, 8, 92.	3.7	57
12	Enhanced Sensitivity to Cytochrome câ€“Induced Apoptosis Mediated by PHAPI in Breast Cancer Cells. Cancer Research, 2006, 66, 2210-2218.	0.9	54
13	ErbB2 Stabilizes Epidermal Growth Factor Receptor (EGFR) Expression via Erk and Sprouty2 in Extracellular Matrix-detached Cells. Journal of Biological Chemistry, 2011, 286, 79-90.	3.4	44
14	CAF-Secreted IGFBPs Regulate Breast Cancer Cell Anoikis. Molecular Cancer Research, 2014, 12, 855-866.	3.4	43
15	The Role of Multicellular Aggregation in the Survival of ErbB2-positive Breast Cancer Cells during Extracellular Matrix Detachment. Journal of Biological Chemistry, 2015, 290, 8722-8733.	3.4	39
16	SGK1 signaling promotes glucose metabolism and survival in extracellular matrix detached cells. Cell Reports, 2021, 34, 108821.	6.4	32
17	Antioxidant Defenses: A Context-Specific Vulnerability of Cancer Cells. Cancers, 2019, 11, 1208.	3.7	29
18	Keeping A Breast of Recent Developments in Cancer Metabolism. Current Drug Targets, 2010, 11, 1112-1120.	2.1	11

#	Article	IF	Citations
19	BIM-EL localization: The key to understanding anoikis resistance in inflammatory breast cancer cells. Molecular and Cellular Oncology, 2016, 3, e1011474.	0.7	5
20	Collapsing the Metabolic PON2zi Scheme in Pancreatic Ductal Adenocarcinoma. Trends in Cell Biology, 2017, 27, 785-786.	7.9	5
21	Oncogenic signaling inhibits c-FLIPL expression and its non-apoptotic function during ECM-detachment. Scientific Reports, 2021, 11, 18606.	3.3	5
22	SGK-1 and PHLPP1: Ras-mediated effectors during ECM-detachment. Cell Cycle, 2016, 15, 2233-2234.	2.6	3
23	RIPK1-dependent mitophagy: A novel mechanism to eliminate cells detached from the extracellular matrix. Molecular and Cellular Oncology, 2018, 5, e1465015.	0.7	3
24	Ras-ling with new therapeutic targets for metastasis. Small GTPases, 2017, 10, 1-5.	1.6	2
25	A controlled clinical trial of ultraviolet blood irradiation (UVBI) for hepatitis C infection. Cogent Medicine, 2019, 6, 1614286.	0.7	2
26	SGK1-regulated metabolism: key for the survival of cells detached from the extracellular matrix. Molecular and Cellular Oncology, 2021, 8, 1976583.	0.7	2