Michael R Freeman

List of Publications by Year
in descending order

83 papers	8,289 citations	57681 46 h-index	75989 78 g-index
86 all docs	86 docs citations	86 times ranked	11209 citing authors

#	Article	IF	Citations
1	Cholesterol-Lowering Intervention Decreases mTOR Complex 2 Signaling and Enhances Antitumor Immunity. Clinical Cancer Research, 2022, 28, 414-424.	3.2	14
2	Antioxidant functions of DHHC3 suppress anti-cancer drug activities. Cellular and Molecular Life Sciences, 2021, 78, 2341-2353.	2.4	12
3	miR-1227 Targets SEC23A to Regulate the Shedding of Large Extracellular Vesicles. Cancers, 2021, 13, 5850.	1.7	2
4	Large and small extracellular vesicles released by glioma cells <i>in vitro</i> and <i>in vivo</i>. Journal of Extracellular Vesicles, 2020, 9, 1689784.	5.5	57
5	Comprehensive palmitoylâ€proteomic analysis identifies distinct protein signatures for large and small cancerâ€derived extracellular vesicles. Journal of Extracellular Vesicles, 2020, 9, 1764192.	5.5	37
6	27-Hydroxycholesterol Impairs Plasma Membrane Lipid Raft Signaling as Evidenced by Inhibition of IL6â€"JAKâ€"STAT3 Signaling in Prostate Cancer Cells. Molecular Cancer Research, 2020, 18, 671-684.	1.5	35
7	Low-Background Acyl-Biotinyl Exchange Largely Eliminates the Coisolation of Non-<i>S</i>-Acylated Proteins and Enables Deep <i>S</i>-Acylproteomic Analysis. Analytical Chemistry, 2019, 91, 9858-9866.	3.2	32
8	Quantitative proteomic analysis of prostate tissue specimens identifies deregulated protein complexes in primary prostate cancer. Clinical Proteomics, 2019, 16, 15.	1.1	15
9	Serum cholesterol and risk of high-grade prostate cancer: results from the REDUCE study. Prostate Cancer and Prostatic Diseases, 2018, 21, 252-259.	2.0	71
10	Emerin Deregulation Links Nuclear Shape Instability to Metastatic Potential. Cancer Research, 2018, 78, 6086-6097.	0.4	49
11	Personalization of prostate cancer therapy through phosphoproteomics. Nature Reviews Urology, 2018, 15, 483-497.	1.9	25
12	Large extracellular vesicles carry most of the tumour DNA circulating in prostate cancer patient plasma. Journal of Extracellular Vesicles, 2018, 7, 1505403.	5.5	286
13	CYP27A1 Loss Dysregulates Cholesterol Homeostasis in Prostate Cancer. Cancer Research, 2017, 77, 1662-1673.	0.4	83
14	Evidence for Feedback Regulation Following Cholesterol Lowering Therapy in a Prostate Cancer Xenograft Model. Prostate, 2017, 77, 446-457.	1.2	20
15	High-throughput sequencing of two populations of extracellular vesicles provides an mRNA signature that can be detected in the circulation of breast cancer patients. RNA Biology, 2017, 14, 305-316.	1.5	43
16	The current evidence on statin use and prostate cancer prevention: are we there yet?. Nature Reviews Urology, 2017, 14, 107-119.	1.9	111
17	Universal Solid-Phase Reversible Sample-Prep for Concurrent Proteome and N-Glycome Characterization. Journal of Proteome Research, 2016, 15, 891-899.	1.8	5
18	Large oncosomes contain distinct protein cargo and represent a separate functional class of tumor-derived extracellular vesicles. Oncotarget, 2015, 6, 11327-11341.	0.8	289

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19	Extracellular Vesicles in Cancer: Exosomes, Microvesicles and the Emerging Role of Large Oncosomes. Seminars in Cell and Developmental Biology, 2015, 40, 41-51.	2.3	675
20	Regulation of microtubule dynamics by DIAPH3 influences amoeboid tumor cell mechanics and sensitivity to taxanes. Scientific Reports, 2015, 5, 12136.	1.6	48
21	Assess the expression of ubiquitin specific protease USP2a for bladder cancer diagnosis. BMC Urology, 2015, 15, 80.	0.6	12
22	Technologies and Challenges in Proteomic Analysis of Protein S-acylation. Journal of Proteomics and Bioinformatics, 2014, 07, 256-263.	0.4	18
23	Enhanced shedding of extracellular vesicles from amoeboid prostate cancer cells. Cancer Biology and Therapy, 2014, 15, 409-418.	1.5	64
24	Extracellular vesicles shed from gefitinib-resistant nonsmall cell lung cancer regulate the tumor microenvironment. Proteomics, 2014, 14, 1845-1856.	1.3	44
25	Integration of proteomic and transcriptomic profiles identifies a novel PDGF-MYC network in human smooth muscle cells. Cell Communication and Signaling, 2014, 12, 44.	2.7	24
26	Trading in your spindles for blebs: the amoeboid tumor cell phenotype in prostate cancer. Asian Journal of Andrology, 2014, 16, 530.	0.8	12
27	Loss of caveolin-1 in prostate cancer stroma correlates with reduced relapse-free survival and is functionally relevant to tumour progression. Journal of Pathology, 2013, 231, 77-87.	2.1	93
28	Statin Drugs and Prostate Cancer: Time to Consider Proactive Strategies in Patients. Journal of Urology, 2013, 189, 1192-1193.	0.2	1
29	Large oncosomes mediate intercellular transfer of functional microRNA. Cell Cycle, 2013, 12, 3526-3536.	1.3	189
30	The Role of Cholesterol in Prostate Cancer. , 2013, , 65-83.		0
31	Caveolin-1 and Prostate Cancer Progression. Advances in Experimental Medicine and Biology, 2012, 729, 95-110.	0.8	33
32	Large Oncosomes in Human Prostate Cancer Tissues and in the Circulation of Mice with Metastatic Disease. American Journal of Pathology, 2012, 181, 1573-1584.	1.9	321
33	Cholesterol and prostate cancer. Current Opinion in Pharmacology, 2012, 12, 751-759.	1.7	218
34	Impact of Circulating Cholesterol Levels on Growth and Intratumoral Androgen Concentration of Prostate Tumors. PLoS ONE, 2012, 7, e30062.	1.1	108
35	DIAPH3 governs the cellular transition to the amoeboid tumour phenotype. EMBO Molecular Medicine, 2012, 4, 743-760.	3.3	92
36	The Response of the Prostate to Circulating Cholesterol: Activating Transcription Factor 3 (ATF3) as a Prominent Node in a Cholesterol-Sensing Network. PLoS ONE, 2012, 7, e39448.	1.1	9

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37	The Complex Interplay Between Cholesterol and Prostate Malignancy. Urologic Clinics of North America, 2011, 38, 243-259.	0.8	61
38	Cholesterol and benign prostate disease. Differentiation, 2011, 82, 244-252.	1.0	43
39	Proteomic analysis of palmitoylated platelet proteins. Blood, 2011, 118, e62-e73.	0.6	105
40	An hTERT-immortalized human urothelial cell line that responds to anti-proliferative factor. In Vitro Cellular and Developmental Biology - Animal, 2011, 47, 2-9.	0.7	40
41	A metabolic perturbation by U0126 identifies a role for glutamine in resveratrol-induced cell death. Cancer Biology and Therapy, 2011, 12, 966-977.	1.5	23
42	Quantitative Proteomics Identifies a Î²-Catenin Network as an Element of the Signaling Response to Frizzled-8 Protein-Related Antiproliferative Factor. Molecular and Cellular Proteomics, 2011, 10, M110.007492.	2.5	31
43	Proteome Scale Characterization of Human S-Acylated Proteins in Lipid Raft-enriched and Non-raft Membranes. Molecular and Cellular Proteomics, 2010, 9, 54-70.	2.5	252
44	Quantitative Proteomics Analysis Reveals Molecular Networks Regulated by Epidermal Growth Factor Receptor Level in Head and Neck Cancer. Journal of Proteome Research, 2010, 9, 3073-3082.	1.8	26
45	Suppression of aberrant transient receptor potential cation channel, subfamily V, member 6 expression in hyperproliferative colonic crypts by dietary calcium. American Journal of Physiology - Renal Physiology, 2010, 299, G593-G601.	1.6	31
46	Oncosome Formation in Prostate Cancer: Association with a Region of Frequent Chromosomal Deletion in Metastatic Disease. Cancer Research, 2009, 69, 5601-5609.	0.4	325
47	Heterogeneous Nuclear Ribonucleoprotein K Is a Novel Regulator of Androgen Receptor Translation. Cancer Research, 2009, 69, 2210-2218.	0.4	51
48	An absence of stromal caveolin-1 is associated with advanced prostate cancer, metastatic disease spread and epithelial Akt activation. Cell Cycle, 2009, 8, 2420-2424.	1.3	141
49	Ezetimibe Is an Inhibitor of Tumor Angiogenesis. American Journal of Pathology, 2009, 174, 1017-1026.	1.9	100
50	Proteomic approaches to the analysis of multiprotein signaling complexes. Proteomics, 2008, 8, 832-851.	1.3	45
51	Do the cholesterol-lowering properties of statins affect cancer risk?. Trends in Endocrinology and Metabolism, 2008, 19, 113-121.	3.1	109
52	Caveolin-1 interacts with a lipid raft-associated population of fatty acid synthase. Cell Cycle, 2008, 7, 2257-2267.	1.3	80
53	Cholesterol and Cholesterol-Rich Membranes in Prostate Cancer: An Update. Tumori, 2008, 94, 633-639.	0.6	60
54	Caveolin-1 is required for the upregulation of fatty acid synthase (FASN), a tumor promoter, during prostate cancer progression. Cancer Biology and Therapy, 2007, 6, 1269-1274.	1.5	47

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55	Phosphoinositide 3-Kinase-independent Non-genomic Signals Transit from the Androgen Receptor to Akt1 in Membrane Raft Microdomains. Journal of Biological Chemistry, 2007, 282, 29584-29593.	1.6	78
56	Cholesterol Sensitivity of Endogenous and Myristoylated Akt. Cancer Research, 2007, 67, 6238-6246.	0.4	114
57	Transit of hormonal and EGF receptor-dependent signals through cholesterol-rich membranes. Steroids, 2007, 72, 210-217.	0.8	55
58	The pro-apoptotic kinase Mst1 and its caspase cleavage products are direct inhibitors of Akt1. EMBO Journal, 2007, 26, 4523-4534.	3.5	116
59	Cholesterol, Cell Signaling, and Prostate Cancer. , 2007, , 119-137.		1
60	The role of cholesterol in prostate cancer. Current Opinion in Clinical Nutrition and Metabolic Care, 2006, 9, 379-385.	1.3	124
61	Marked Disturbance of Calcium Homeostasis in Mice With Targeted Disruption of the Trpv6 Calcium Channel Gene. Journal of Bone and Mineral Research, 2006, 22, 274-285.	3.1	251
62	A quantitative proteomic analysis of growth factor-induced compositional changes in lipid rafts of human smooth muscle cells. Proteomics, 2005, 5, 4733-4742.	1.3	60
63	Membrane rafts as potential sites of nongenomic hormonal signaling in prostate cancer. Trends in Endocrinology and Metabolism, 2005, 16, 273-279.	3.1	88
64	Cholesterol targeting alters lipid raft composition and cell survival in prostate cancer cells and xenografts. Journal of Clinical Investigation, 2005, 115, 959-968.	3.9	264
65	Cholesterol targeting alters lipid raft composition and cell survival in prostate cancer cells and xenografts. Journal of Clinical Investigation, 2005, 115, 959-968.	3.9	454
66	Involvement of Cholesterol-Rich Lipid Rafts in Interleukin-6-Induced Neuroendocrine Differentiation of LNCaP Prostate Cancer Cells. Endocrinology, 2004, 145, 613-619.	1.4	70
67	HER2/HER3 heterodimers in prostate cancer. Cancer Cell, 2004, 6, 427-428.	7.7	24
68	Cholesterol and prostate cancer. Journal of Cellular Biochemistry, 2004, 91, 54-69.	1.2	237
69	Heparin-Binding Epidermal Growth Factor-Like Growth Factor Stimulates Androgen-Independent Prostate Tumor Growth and Antagonizes Androgen Receptor Function. Endocrinology, 2002, 143, 4599-4608.	1.4	55
70	Calcium-Selective Ion Channel, CaT1, Is Apically Localized in Gastrointestinal Tract Epithelia and Is Aberrantly Expressed in Human Malignancies. Laboratory Investigation, 2002, 82, 1755-1764.	1.7	222
71	Cholesterol-rich lipid rafts mediate akt-regulated survival in prostate cancer cells. Cancer Research, 2002, 62, 2227-31.	0.4	249
72	CaT1 Expression Correlates with Tumor Grade in Prostate Cancer. Biochemical and Biophysical Research Communications, 2001, 282, 729-734.	1.0	165

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73	Vascular Endothelial Growth Factor-Mediated Autocrine Stimulation of Prostate Tumor Cells Coincides with Progression to a Malignant Phenotype. American Journal of Pathology, 2001, 159, 651-659.	1.9	90
74	A novel method for implantation of LNCaP prostate tumor cells under the renal capsule. In Vitro Cellular and Developmental Biology - Animal, 2001, 37, 360-362.	0.7	3
75	AP-1 mediates stretch-induced expression of HB-EGF in bladder smooth muscle cells. American Journal of Physiology - Cell Physiology, 1999, 277, C294-C301.	2.1	87
76	Angiogenic switch and vascular stability in human Leydig cell tumours. Angiogenesis, 1999, 3, 231-240.	3.7	9
77	Plasma levels of vascular endothelial growth factor are increased in patients with metastatic prostate cancer. Urology, 1999, 54, 523-527.	0.5	245
78	Heparin-binding EGF-like growth factor in the human prostate: Synthesis predominantly by interstitial and vascular smooth muscle cells and action as a carcinoma cell mitogen. , 1998, 68, 328-338.		38
79	Extracellular calcium influx stimulates metalloproteinase cleavage and secretion of heparin-binding EGF-like growth factor independently of protein kinase C. , 1998, 69, 143-153.		103
80	Temperature-controlled laser photocoagulation of soft tissue: In vivo evaluation using a tissue welding model. Lasers in Surgery and Medicine, 1996, 18, 335-344.	1.1	78
81	Human albumin solder supplemented with TGF-Î²1 accelerates healing following laser welded wound closure. Lasers in Surgery and Medicine, 1996, 19, 360-368.	1.1	60
82	Human albumin solder supplemented with TGF-Î²1 accelerates healing following laser welded wound closure. , 1996, 19, 360.		2
83	Phenotypic and Cytogenetic Characterization of Human Bladder Urothelia Expanded in Vitro. Journal of Urology, 1994, 152, 665-670.	0.2	230