Jason D Weber

List of Publications by Year
in descending order

65 papers	10,349 citations	81900 39 h-index	102487 66 g-index
70 all docs	70 docs citations	70 times ranked	14836 citing authors

#	Article	IF	Citations
1	Posttranscriptional Control of T Cell Effector Function by Aerobic Glycolysis. Cell, 2013, 153, 1239-1251.	28.9	1,715
2	Whole-genome analysis informs breast cancer response to aromatase inhibition. Nature, 2012, 486, 353-360.	27.8	922
3	Nucleolar Arf sequesters Mdm2 and activates p53. Nature Cell Biology, 1999, 1, 20-26.	10.3	854
4	Functional and physical interactions of the ARF tumor suppressor with p53 and Mdm2. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 8292-8297.	7.1	820
5	Disruption of the ARF-Mdm2-p53 tumor suppressor pathway in Myc-induced lymphomagenesis. Genes and Development, 1999, 13, 2658-2669.	5.9	734
6	The ARF/p53 pathway. Current Opinion in Genetics and Development, 2000, 10, 94-99.	3.3	612
7	Sustained activation of extracellular-signal-regulated kinase 1 (ERK1) is required for the continued expression of cyclin D1 in G1 phase. Biochemical Journal, 1997, 326, 61-68.	3.7	384
8	Phosphorylation-Dependent Ubiquitination of Cyclin D1 by the SCFFBX4-Î±B Crystallin Complex. Molecular Cell, 2006, 24, 355-366.	9.7	321
9	p53-independent functions of the p19ARF tumor suppressor. Genes and Development, 2000, 14, 2358-2365.	5.9	317
10	Proteomic Analysis Reveals Hyperactivation of the Mammalian Target of Rapamycin Pathway in Neurofibromatosis 1â€“Associated Human and Mouse Brain Tumors. Cancer Research, 2005, 65, 2755-2760.	0.9	283
11	Cooperative Signals Governing ARF-Mdm2 Interaction and Nucleolar Localization of the Complex. Molecular and Cellular Biology, 2000, 20, 2517-2528.	2.3	260
12	PIK3CAandPIK3CBInhibition Produce Synthetic Lethality when Combined with Estrogen Deprivation in Estrogen Receptorâ€“Positive Breast Cancer. Cancer Research, 2009, 69, 3955-3962.	0.9	198
13	Mitochondrial fusion supports increased oxidative phosphorylation during cell proliferation. ELife, 2019, 8, .	6.0	198
14	Nucleophosmin Is Essential for Ribosomal Protein L5 Nuclear Export. Molecular and Cellular Biology, 2006, 26, 3798-3809.	2.3	191
15	Nucleophosmin Serves as a Rate-Limiting Nuclear Export Chaperone for the Mammalian Ribosome. Molecular and Cellular Biology, 2008, 28, 7050-7065.	2.3	180
16	Ras-stimulated Extracellular Signal-related Kinase 1 and RhoA Activities Coordinate Platelet-derived Growth Factor-induced G1 Progression through the Independent Regulation of Cyclin D1 and p27KIP1. Journal of Biological Chemistry, 1997, 272, 32966-32971.	3.4	174
17	ARF Impedes NPM/B23 Shuttling in an Mdm2-Sensitive Tumor Suppressor Pathway. Molecular and Cellular Biology, 2004, 24, 9327-9338.	2.3	148
18	Deacetylation of the retinoblastoma tumour suppressor protein by SIRT1. Biochemical Journal, 2007, 407, 451-460.	3.7	134

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19	Defining the molecular basis of Arf and Hdm2 interactions. Journal of Molecular Biology, 2001, 314, 263-277.	4.2	116
20	Recurrent WNT pathway alterations are frequent in relapsed small cell lung cancer. Nature Communications, 2018, 9, 3787.	12.8	112
21	Deconvoluting mTOR biology. Cell Cycle, 2012, 11, 236-248.	2.6	80
22	Nucleolar Adaptation in Human Cancer. Cancer Investigation, 2005, 23, 599-608.	1.3	73
23	The Role of RNA Editing in Cancer Development and Metabolic Disorders. Frontiers in Endocrinology, 2018, 9, 762.	3.5	70
24	Evaluation of Racial/Ethnic Differences in Treatment and Mortality Among Women With Triple-Negative Breast Cancer. JAMA Oncology, 2021, 7, 1016.	7.1	68
25	Synthetic Lethality through Combined Notchâ€“Epidermal Growth Factor Receptor Pathway Inhibition in Basal-Like Breast Cancer. Cancer Research, 2010, 70, 5465-5474.	0.9	64
26	Nucleophosmin Mediates Mammalian Target of Rapamycinâ€“Dependent Actin Cytoskeleton Dynamics and Proliferation in Neurofibromin-Deficient Astrocytes. Cancer Research, 2007, 67, 4790-4799.	0.9	61
27	c-Fms Tyrosine 559 Is a Major Mediator of M-CSF-induced Proliferation of Primary Macrophages. Journal of Biological Chemistry, 2007, 282, 18980-18990.	3.4	61
28	Identification of DHX33 as a Mediator of rRNA Synthesis and Cell Growth. Molecular and Cellular Biology, 2011, 31, 4676-4691.	2.3	61
29	Oncogenic Ras Induces p19ARF and Growth Arrest in Mouse Embryo Fibroblasts Lacking p21Cip1 and p27Kip1 without Activating Cyclin D-dependent Kinases. Journal of Biological Chemistry, 2000, 275, 27473-27480.	3.4	60
30	RNA Helicase DDX5 Is a p53-Independent Target of ARF That Participates in Ribosome Biogenesis. Cancer Research, 2011, 71, 6708-6717.	0.9	59
31	ARF tumor suppression in the nucleolus. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 831-839.	3.8	59
32	Cerebrospinal Fluid Proteomic Analysis Reveals Dysregulation of Methionine Aminopeptidase-2 Expression in Human and Mouse Neurofibromatosis 1â€“Associated Glioma. Cancer Research, 2005, 65, 9843-9850.	0.9	58
33	Elevated DDX21 regulates c-Jun activity and rRNA processing in human breast cancers. Breast Cancer Research, 2014, 16, 449.	5.0	57
34	The DHX33 RNA Helicase Promotes mRNA Translation Initiation. Molecular and Cellular Biology, 2015, 35, 2918-2931.	2.3	56
35	Loss of Trop2 Promotes Carcinogenesis and Features of Epithelial to Mesenchymal Transition in Squamous Cell Carcinoma. Molecular Cancer Research, 2011, 9, 1686-1695.	3.4	55
36	Knocking down nucleolin expression in gliomas inhibits tumor growth and induces cell cycle arrest. Journal of Neuro-Oncology, 2012, 108, 59-67.	2.9	47

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37	ARF and p53 Coordinate Tumor Suppression of an Oncogenic IFN-Î²-STAT1-ISG15 Signaling Axis. Cell Reports, 2014, 7, 514-526.	6.4	47
38	Solution Structure of the p53 Regulatory Domain of the p19Arf Tumor Suppressor Protein. Biochemistry, 2001, 40, 2379-2386.	2.5	44
39	Evaluating the therapeutic potential of ADAR1 inhibition for triple-negative breast cancer. Oncogene, 2021, 40, 189-202.	5.9	44
40	Therapeutic Targets in the ARF Tumor Suppressor Pathway. Current Medicinal Chemistry, 2007, 14, 1815-1827.	2.4	40
41	A Non-Tumor Suppressor Role for Basal p19^{ARF} in Maintaining Nucleolar Structure and Function. Molecular and Cellular Biology, 2008, 28, 1068-1080.	2.3	40
42	Fibronectin and cytokines increase JNK, ERK, AP-1 activity, and transin gene expression in rat hepatic stellate cells. American Journal of Physiology - Renal Physiology, 1997, 273, G804-G811.	3.4	39
43	TSC1 Sets the Rate of Ribosome Export and Protein Synthesis through Nucleophosmin Translation. Cancer Research, 2007, 67, 1609-1617.	0.9	36
44	Synergistic Effects of Concurrent Blockade of PI3K and MEK Pathways in Pancreatic Cancer Preclinical Models. PLoS ONE, 2013, 8, e77243.	2.5	36
45	Ablation of Go Î±-Subunit Results in a Transformed Phenotype and Constitutively Active Phosphatidylcholine-specific Phospholipase C. Journal of Biological Chemistry, 1997, 272, 17312-17319.	3.4	32
46	Nucleolar Disruption Ensures Nuclear Accumulation of p21 upon DNA Damage. Traffic, 2010, 11, 743-755.	2.7	29
47	Cathepsin K-Cre Causes Unexpected Germline Deletion of Genes in Mice. PLoS ONE, 2012, 7, e42005.	2.5	27
48	p19^{ARF} and Ras^{V12} Offer Opposing Regulation of DHX33 Translation To Dictate Tumor Cell Fate. Molecular and Cellular Biology, 2013, 33, 1594-1607.	2.3	25
49	TP53 Mutations and Lung Cancer: Not All Mutations Are Created Equal. Clinical Cancer Research, 2014, 20, 4419-4421.	7.0	25
50	DHX33 Transcriptionally Controls Genes Involved in the Cell Cycle. Molecular and Cellular Biology, 2016, 36, 2903-2917.	2.3	24
51	Hypergrowth mTORC1 Signals Translationally Activate the ARF Tumor Suppressor Checkpoint. Molecular and Cellular Biology, 2012, 32, 348-364.	2.3	20
52	The ARF Tumor Suppressor Regulates Bone Remodeling and Osteosarcoma Development in Mice. PLoS ONE, 2010, 5, e15755.	2.5	20
53	Ablation of GoÎ± Overrides G1Restriction Point Control through Ras/ERK/Cyclin D1-CDK Activities. Journal of Biological Chemistry, 1997, 272, 17320-17326.	3.4	19
54	Race and risk of subsequent aggressive breast cancer following ductal carcinoma in situ. Cancer, 2019, 125, 3225-3233.	4.1	18

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55	DHX33 Interacts with AP-2Î² To Regulate Bcl-2 Gene Expression and Promote Cancer Cell Survival. Molecular and Cellular Biology, 2019, 39, .	2.3	18
56	Associations of race and ethnicity with risk of developing invasive breast cancer after lobular carcinoma in situ. Breast Cancer Research, 2019, 21, 120.	5.0	18
57	Tuberous Sclerosis Complex 1: An Epithelial Tumor Suppressor Essential to Prevent Spontaneous Prostate Cancer in Aged Mice. Cancer Research, 2010, 70, 8937-8947.	0.9	17
58	Itâ€™s Getting Complicatedâ€”A Fresh Look at p53-MDM2-ARF Triangle in Tumorigenesis and Cancer Therapy. Frontiers in Cell and Developmental Biology, 2022, 10, 818744.	3.7	15
59	Nucleophosmin Redistribution following Heat Shock: A Role in Heat-Induced Radiosensitization. Cancer Research, 2009, 69, 6454-6462.	0.9	14
60	8-Azaadenosine and 8-Chloroadenosine are not Selective Inhibitors of ADAR. Cancer Research Communications, 2021, 1, 56-64.	1.7	11
61	Sabotaging of the oxidative stress response by an oncogenic noncoding RNA. FASEB Journal, 2017, 31, 482-490.	0.5	9
62	Forget Transcription: Translation Is Where the Action Is. Molecular and Cellular Biology, 2013, 33, 1884-1885.	2.3	5
63	Upregulation of 5â€²-terminal oligopyrimidine mRNA translation upon loss of the ARF tumor suppressor. Scientific Reports, 2020, 10, 22276.	3.3	5
64	Targeting PTEN-defined breast cancers with a one-two punch. Breast Cancer Research, 2015, 17, 51.	5.0	4
65	A Faster Migrating Variant Masquerades as NICD When Performing in Vitro Î³-Secretase Assays with Bacterially Expressed Notch Substratesâ€. Biochemistry, 2006, 45, 5351-5358.	2.5	2