Andrei V Bakin

List of Publications by Year
in descending order

50 papers	6,243 citations	117453 34 h-index	214527 47 g-index
53 all docs	53 docs citations	53 times ranked	7580 citing authors

#	Article	IF	Citations
1	Abstract P5-17-06: P38 kinase as a therapeutic target to reverse an immune suppressive tumor microenvironment in metastatic breast cancer. Cancer Research, 2022, 82, P5-17-06-P5-17-06.	0.4	0
2	WEE1 Inhibition Augments CDC7 (DDK) Inhibitorâ€“induced Cell Death in Ewing Sarcoma by Forcing Premature Mitotic Entry and Mitotic Catastrophe. Cancer Research Communications, 2022, 2, 471-482.	0.7	1
3	Selective therapeutic strategy for p53-deficient cancer by targeting dysregulation in DNA repair. Communications Biology, 2021, 4, 862.	2.0	5
4	TAK1 signaling regulates p53 through a mechanism involving ribosomal stress. Scientific Reports, 2020, 10, 2517.	1.6	9
5	Blockade of p38 kinase impedes the mobilization of protumorigenic myeloid populations to impact breast cancer metastasis. International Journal of Cancer, 2020, 147, 2279-2292.	2.3	10
6	Triplications of human chromosome 21 orthologous regions in mice result in expansion of megakaryocyte-erythroid progenitors and reduction of granulocyte-macrophage progenitors. Oncotarget, 2018, 9, 4773-4786.	0.8	4
7	XBP1-KLF9 Axis Acts as a Molecular Rheostat to Control the Transition from Adaptive to Cytotoxic Unfolded Protein Response. Cell Reports, 2018, 25, 212-223.e4.	2.9	40
8	TGF-Î² signaling promotes tumor vasculature by enhancing the pericyte-endothelium association. BMC Cancer, 2018, 18, 670.	1.1	58
9	Tumor-fibroblast interactions stimulate tumor vascularization by enhancing cytokine-driven production of MMP9 by tumor cells. Oncotarget, 2017, 8, 35592-35608.	0.8	42
10	Internally ratiometric fluorescent sensors for evaluation of intracellular GTP levels and distribution. Nature Methods, 2017, 14, 1003-1009.	9.0	47
11	Tumor p38MAPK signaling enhances breast carcinoma vascularization and growth by promoting expression and deposition of pro-tumorigenic factors. Oncotarget, 2017, 8, 61969-61981.	0.8	25
12	Nrf2 Amplifies Oxidative Stress via Induction of Klf9. Molecular Cell, 2014, 53, 916-928.	4.5	186
13	Dissecting the role of IKKÎ² in tumorâ€specific cell death (1048.1). FASEB Journal, 2014, 28, 1048.1.	0.2	0
14	JunB contributes to the epithelialâ€mesenchymal transition in response to TGFâ€Î² (LB277). FASEB Journal, 2014, 28, LB277.	0.2	0
15	A bioinspired route to indanes and cyclopentannulated hetarenes via (3+2)-cyclodimerization of donorâ€“acceptor cyclopropanes. Chemical Communications, 2013, 49, 11482.	2.2	37
16	Integrin Î²5 contributes to the tumorigenic potential of breast cancer cells through the Src-FAK and MEK-ERK signaling pathways. Oncogene, 2013, 32, 3049-3058.	2.6	122
17	Integrin-Î²5 and zyxin mediate formation of ventral stress fibers in response to transforming growth factor Î². Cell Cycle, 2013, 12, 3377-3389.	1.3	19
18	Androgen-responsive Serum Response Factor target genes regulate prostate cancer cell migration. Carcinogenesis, 2013, 34, 1737-1746.	1.3	37

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19	JunB contributes to Id2 repression and the epithelialâ€“mesenchymal transition in response to transforming growth factorâ€“Î². Journal of Cell Biology, 2012, 196, 589-603.	2.3	72
20	TGF-Î² autocrine pathway and MAPK signaling promote cell invasiveness and in vivo mammary adenocarcinoma tumor progression. Oncology Reports, 2012, 28, 567-575.	1.2	30
21	Cellular Model of Warburg Effect Identifies Tumor Promoting Function of UCP2 in Breast Cancer and Its Suppression by Genipin. PLoS ONE, 2011, 6, e24792.	1.1	123
22	TAK1â€“TAB2 Signaling Contributes to Bone Destruction by Breast Carcinoma Cells. Molecular Cancer Research, 2011, 9, 1042-1053.	1.5	34
23	Role of Î²5-integrin in epithelial-mesenchymal transition in response to TGF-Î². Cell Cycle, 2010, 9, 1647-1659.	1.3	88
24	Ras alters epithelial-mesenchymal transition in response to TGF-Î² by reducing actin fibers and cell-matrix adhesion. Cell Cycle, 2009, 8, 284-298.	1.3	44
25	Role of highâ€molecular weight tropomyosins in TGFâ€Î²â€mediated control of cell motility. International Journal of Cancer, 2008, 122, 78-90.	2.3	61
26	TAK1 is required for TGF-Î²1-mediated regulation of matrix metalloproteinase-9 and metastasis. Oncogene, 2008, 27, 1198-1207.	2.6	81
27	Tumorigenic transformation of human breast epithelial cells induced by mitochondrial DNA depletion. Cancer Biology and Therapy, 2008, 7, 1732-1743.	1.5	98
28	Down-Regulation of WAVE3, a Metastasis Promoter Gene, Inhibits Invasion and Metastasis of Breast Cancer Cells. American Journal of Pathology, 2007, 170, 2112-2121.	1.9	103
29	ALK5 promotes tumor angiogenesis by upregulating matrix metalloproteinase-9 in tumor cells. Oncogene, 2007, 26, 2407-2422.	2.6	90
30	Regulation of galectin-1 expression by transforming growth factor Î²1 in metastatic mammary adenocarcinoma cells: implications for tumor-immune escape. Cancer Immunology, Immunotherapy, 2007, 56, 491-499.	2.0	37
31	Silencing of the Tropomyosin-1 gene by DNA methylation alters tumor suppressor function of TGF-Î². Oncogene, 2005, 24, 5043-5052.	2.6	73
32	Truncating mutations in the ACVR2 gene attenuates activin signaling in prostate cancer cells. Cancer Genetics and Cytogenetics, 2005, 163, 123-129.	1.0	27
33	Smad3â€“ATF3 signaling mediates TGF-Î² suppression of genes encoding Phase II detoxifying proteins. Free Radical Biology and Medicine, 2005, 38, 375-387.	1.3	87
34	WAVE3 promotes cell motility and invasion through the regulation of MMP-1, MMP-3, and MMP-9 expression. Experimental Cell Research, 2005, 308, 135-145.	1.2	99
35	A Critical Role of Tropomyosins in TGF-Î² Regulation of the Actin Cytoskeleton and Cell Motility in Epithelial Cells. Molecular Biology of the Cell, 2004, 15, 4682-4694.	0.9	137
36	Autocrine Transforming Growth Factor-Î² Signaling Mediates Smad-independent Motility in Human Cancer Cells. Journal of Biological Chemistry, 2003, 278, 3275-3285.	1.6	148

#	ARTICLE	IF	CITATIONS
37	PKB/Akt mediates cell-cycle progression by phosphorylation of p27Kip1 at threonine 157 and modulation of its cellular localization. Nature Medicine, 2002, 8, 1145-1152.	15.2	729
38	p38 mitogen-activated protein kinase is required for TGFÎ²-mediated fibroblastic transdifferentiation and cell migration. Journal of Cell Science, 2002, 115, 3193-3206.	1.2	396
39	p38 mitogen-activated protein kinase is required for TGFbeta-mediated fibroblastic transdifferentiation and cell migration. Journal of Cell Science, 2002, 115, 3193-206.	1.2	332
40	Transforming Growth Factor Î² Enhances Epithelial Cell Survival via Akt-dependent Regulation of FKHRL1. Molecular Biology of the Cell, 2001, 12, 3328-3339.	0.9	175
41	Transforming Growth Factor-Î²1 Mediates Epithelial to Mesenchymal Transdifferentiation through a RhoA-dependent Mechanism. Molecular Biology of the Cell, 2001, 12, 27-36.	0.9	962
42	Isolation and Properties of Escherichia coli 23S-RNA Pseudouridine 1911, 1915, 1917 Synthase (RluD). IUBMB Life, 2000, 50, 33-37.	1.5	16
43	Phosphatidylinositol 3-Kinase Function Is Required for Transforming Growth Factor Î²-mediated Epithelial to Mesenchymal Transition and Cell Migration. Journal of Biological Chemistry, 2000, 275, 36803-36810.	1.6	873
44	Role of DNA 5-Methylcytosine Transferase in Cell Transformation by fos. Science, 1999, 283, 387-390.	6.0	231
45	Mapping to nucleotide resolution of pseudouridine residues in large subunit ribosomal RNAs from representative eukaryotes, prokaryotes, archaebacteria, mitochondria and chloroplasts 1 1Edited by D. E. Draper. Journal of Molecular Biology, 1997, 266, 246-268.	2.0	216
46	The pseudouridine residues of ribosomal RNA. Biochemistry and Cell Biology, 1995, 73, 915-924.	0.9	76
47	Mapping of the 13 pseudouridine residues inSaccharomyces cerevisiaesmall subunit ribosomal RNA to nucleotide resolution. Nucleic Acids Research, 1995, 23, 3290-3294.	6.5	42
48	The single pseudouridine residue inEscherichia coli16S RNA is located at position 516. Nucleic Acids Research, 1994, 22, 3681-3684.	6.5	65
49	How does the mRNA pass through the ribosome ?. Biochimie, 1991, 73, 937-945.	1.3	41
50	Spatial organization of template polynucleotides on the ribosome determined by fluorescence methods. Journal of Molecular Biology, 1991, 221, 441-453.	2.0	15