

Andrei V Bakin

List of Publications by Year in descending order

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50
papers

6,243
citations

117453

34
h-index

214527

47
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53
all docs

53
docs citations

53
times ranked

7580
citing authors

#	ARTICLE	IF	CITATIONS
1	Transforming Growth Factor- β 1 Mediates Epithelial to Mesenchymal Transdifferentiation through a RhoA-dependent Mechanism. <i>Molecular Biology of the Cell</i> , 2001, 12, 27-36.	0.9	962
2	Phosphatidylinositol 3-Kinase Function Is Required for Transforming Growth Factor β 2-mediated Epithelial to Mesenchymal Transition and Cell Migration. <i>Journal of Biological Chemistry</i> , 2000, 275, 36803-36810.	1.6	873
3	PKB/Akt mediates cell-cycle progression by phosphorylation of p27Kip1 at threonine 157 and modulation of its cellular localization. <i>Nature Medicine</i> , 2002, 8, 1145-1152.	15.2	729
4	p38 mitogen-activated protein kinase is required for TGF β 2-mediated fibroblastic transdifferentiation and cell migration. <i>Journal of Cell Science</i> , 2002, 115, 3193-3206.	1.2	396
5	p38 mitogen-activated protein kinase is required for TGF β 2-mediated fibroblastic transdifferentiation and cell migration. <i>Journal of Cell Science</i> , 2002, 115, 3193-206.	1.2	332
6	Role of DNA 5-Methylcytosine Transferase in Cell Transformation by fos. <i>Science</i> , 1999, 283, 387-390.	6.0	231
7	Mapping to nucleotide resolution of pseudouridine residues in large subunit ribosomal RNAs from representative eukaryotes, prokaryotes, archaeobacteria, mitochondria and chloroplasts 1 Edited by D. E. Draper. <i>Journal of Molecular Biology</i> , 1997, 266, 246-268.	2.0	216
8	Nrf2 Amplifies Oxidative Stress via Induction of Klf9. <i>Molecular Cell</i> , 2014, 53, 916-928.	4.5	186
9	Transforming Growth Factor β 2 Enhances Epithelial Cell Survival via Akt-dependent Regulation of FKHL1. <i>Molecular Biology of the Cell</i> , 2001, 12, 3328-3339.	0.9	175
10	Autocrine Transforming Growth Factor- β 2 Signaling Mediates Smad-independent Motility in Human Cancer Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 3275-3285.	1.6	148
11	A Critical Role of Tropomyosins in TGF- β 2 Regulation of the Actin Cytoskeleton and Cell Motility in Epithelial Cells. <i>Molecular Biology of the Cell</i> , 2004, 15, 4682-4694.	0.9	137
12	Cellular Model of Warburg Effect Identifies Tumor Promoting Function of UCP2 in Breast Cancer and Its Suppression by Genipin. <i>PLoS ONE</i> , 2011, 6, e24792.	1.1	123
13	Integrin β 25 contributes to the tumorigenic potential of breast cancer cells through the Src-FAK and MEK-ERK signaling pathways. <i>Oncogene</i> , 2013, 32, 3049-3058.	2.6	122
14	Down-Regulation of WAVE3, a Metastasis Promoter Gene, Inhibits Invasion and Metastasis of Breast Cancer Cells. <i>American Journal of Pathology</i> , 2007, 170, 2112-2121.	1.9	103
15	WAVE3 promotes cell motility and invasion through the regulation of MMP-1, MMP-3, and MMP-9 expression. <i>Experimental Cell Research</i> , 2005, 308, 135-145.	1.2	99
16	Tumorigenic transformation of human breast epithelial cells induced by mitochondrial DNA depletion. <i>Cancer Biology and Therapy</i> , 2008, 7, 1732-1743.	1.5	98
17	ALK5 promotes tumor angiogenesis by upregulating matrix metalloproteinase-9 in tumor cells. <i>Oncogene</i> , 2007, 26, 2407-2422.	2.6	90
18	Role of β 25-integrin in epithelial-mesenchymal transition in response to TGF- β 2. <i>Cell Cycle</i> , 2010, 9, 1647-1659.	1.3	88

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19	Smad3 and ATF3 signaling mediates TGF- β 2 suppression of genes encoding Phase II detoxifying proteins. <i>Free Radical Biology and Medicine</i> , 2005, 38, 375-387.	1.3	87
20	TAK1 is required for TGF- β 1-mediated regulation of matrix metalloproteinase-9 and metastasis. <i>Oncogene</i> , 2008, 27, 1198-1207.	2.6	81
21	The pseudouridine residues of ribosomal RNA. <i>Biochemistry and Cell Biology</i> , 1995, 73, 915-924.	0.9	76
22	Silencing of the Tropomyosin-1 gene by DNA methylation alters tumor suppressor function of TGF- β 2. <i>Oncogene</i> , 2005, 24, 5043-5052.	2.6	73
23	JunB contributes to Id2 repression and the epithelial to mesenchymal transition in response to transforming growth factor- β 2. <i>Journal of Cell Biology</i> , 2012, 196, 589-603.	2.3	72
24	The single pseudouridine residue in Escherichia coli 16S RNA is located at position 516. <i>Nucleic Acids Research</i> , 1994, 22, 3681-3684.	6.5	65
25	Role of high molecular weight tropomyosins in TGF- β 2-mediated control of cell motility. <i>International Journal of Cancer</i> , 2008, 122, 78-90.	2.3	61
26	TGF- β 2 signaling promotes tumor vasculature by enhancing the pericyte-endothelium association. <i>BMC Cancer</i> , 2018, 18, 670.	1.1	58
27	Internally ratiometric fluorescent sensors for evaluation of intracellular GTP levels and distribution. <i>Nature Methods</i> , 2017, 14, 1003-1009.	9.0	47
28	Ras alters epithelial-mesenchymal transition in response to TGF- β 2 by reducing actin fibers and cell-matrix adhesion. <i>Cell Cycle</i> , 2009, 8, 284-298.	1.3	44
29	Mapping of the 13 pseudouridine residues in Saccharomyces cerevisiae small subunit ribosomal RNA to nucleotide resolution. <i>Nucleic Acids Research</i> , 1995, 23, 3290-3294.	6.5	42
30	Tumor-fibroblast interactions stimulate tumor vascularization by enhancing cytokine-driven production of MMP9 by tumor cells. <i>Oncotarget</i> , 2017, 8, 35592-35608.	0.8	42
31	How does the mRNA pass through the ribosome ?. <i>Biochimie</i> , 1991, 73, 937-945.	1.3	41
32	XBP1-KLF9 Axis Acts as a Molecular Rheostat to Control the Transition from Adaptive to Cytotoxic Unfolded Protein Response. <i>Cell Reports</i> , 2018, 25, 212-223.e4.	2.9	40
33	Regulation of galectin-1 expression by transforming growth factor β 21 in metastatic mammary adenocarcinoma cells: implications for tumor-immune escape. <i>Cancer Immunology, Immunotherapy</i> , 2007, 56, 491-499.	2.0	37
34	A bioinspired route to indanes and cyclopentannulated hetarenes via (3+2)-cycloaddition of donor-acceptor cyclopropanes. <i>Chemical Communications</i> , 2013, 49, 11482.	2.2	37
35	Androgen-responsive Serum Response Factor target genes regulate prostate cancer cell migration. <i>Carcinogenesis</i> , 2013, 34, 1737-1746.	1.3	37
36	TAK1 and TAB2 Signaling Contributes to Bone Destruction by Breast Carcinoma Cells. <i>Molecular Cancer Research</i> , 2011, 9, 1042-1053.	1.5	34

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37	TGF- β 2 autocrine pathway and MAPK signaling promote cell invasiveness and in vivo mammary adenocarcinoma tumor progression. <i>Oncology Reports</i> , 2012, 28, 567-575.	1.2	30
38	Truncating mutations in the ACVR2 gene attenuates activin signaling in prostate cancer cells. <i>Cancer Genetics and Cytogenetics</i> , 2005, 163, 123-129.	1.0	27
39	Tumor p38MAPK signaling enhances breast carcinoma vascularization and growth by promoting expression and deposition of pro-tumorigenic factors. <i>Oncotarget</i> , 2017, 8, 61969-61981.	0.8	25
40	Integrin- β 25 and zyxin mediate formation of ventral stress fibers in response to transforming growth factor β 2. <i>Cell Cycle</i> , 2013, 12, 3377-3389.	1.3	19
41	Isolation and Properties of Escherichia coli 23S-RNA Pseudouridine 1911, 1915, 1917 Synthase (RluD). <i>IUBMB Life</i> , 2000, 50, 33-37.	1.5	16
42	Spatial organization of template polynucleotides on the ribosome determined by fluorescence methods. <i>Journal of Molecular Biology</i> , 1991, 221, 441-453.	2.0	15
43	Blockade of p38 kinase impedes the mobilization of protumorigenic myeloid populations to impact breast cancer metastasis. <i>International Journal of Cancer</i> , 2020, 147, 2279-2292.	2.3	10
44	TAK1 signaling regulates p53 through a mechanism involving ribosomal stress. <i>Scientific Reports</i> , 2020, 10, 2517.	1.6	9
45	Selective therapeutic strategy for p53-deficient cancer by targeting dysregulation in DNA repair. <i>Communications Biology</i> , 2021, 4, 862.	2.0	5
46	Triplications of human chromosome 21 orthologous regions in mice result in expansion of megakaryocyte-erythroid progenitors and reduction of granulocyte-macrophage progenitors. <i>Oncotarget</i> , 2018, 9, 4773-4786.	0.8	4
47	WEE1 Inhibition Augments CDC7 (DDK) Inhibitor-induced Cell Death in Ewing Sarcoma by Forcing Premature Mitotic Entry and Mitotic Catastrophe. <i>Cancer Research Communications</i> , 2022, 2, 471-482.	0.7	1
48	Dissecting the role of IKK β in tumor-specific cell death (1048.1). <i>FASEB Journal</i> , 2014, 28, 1048.1.	0.2	0
49	JunB contributes to the epithelial-mesenchymal transition in response to TGF- β 2 (LB277). <i>FASEB Journal</i> , 2014, 28, LB277.	0.2	0
50	Abstract P5-17-06: P38 kinase as a therapeutic target to reverse an immune suppressive tumor microenvironment in metastatic breast cancer. <i>Cancer Research</i> , 2022, 82, P5-17-06-P5-17-06.	0.4	0