

Aristidis Moustakas

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1979256/aristidis-moustakas-publications-by-year.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

113 papers	11,989 citations	50 h-index	109 g-index
121 ext. papers	13,447 ext. citations	7.4 avg, IF	6.78 L-index

#	Paper	IF	Citations
113	Extracellular Vesicles and Transforming Growth Factor β Signaling in Cancer.. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10, 849938	5.7	2
112	Dual inhibition of TGF- β and PD-L1: a novel approach to cancer treatment. <i>Molecular Oncology</i> , 2021 ,	7.9	1
111	The polarity protein Par3 coordinates positively self-renewal and negatively invasiveness in glioblastoma. <i>Cell Death and Disease</i> , 2021 , 12, 932	9.8	1
110	The noncoding MIR100HG RNA enhances the autocrine function of transforming growth factor β signaling. <i>Oncogene</i> , 2021 , 40, 3748-3765	9.2	2
109	NUAK1 and NUAK2 Fine-Tune TGF- β Signaling. <i>Cancers</i> , 2021 , 13,	6.6	2
108	The protein kinase LKB1 promotes self-renewal and blocks invasiveness in glioblastoma. <i>Journal of Cellular Physiology</i> , 2021 ,	7	1
107	Glucose and Amino Acid Metabolic Dependencies Linked to Stemness and Metastasis in Different Aggressive Cancer Types. <i>Frontiers in Pharmacology</i> , 2021 , 12, 723798	5.6	1
106	BMP2-induction of FN14 promotes protumorigenic signaling in gynecologic cancer cells. <i>Cellular Signalling</i> , 2021 , 87, 110146	4.9	1
105	BMP signaling is a therapeutic target in ovarian cancer. <i>Cell Death Discovery</i> , 2020 , 6, 139	6.9	7
104	TGF- β Signaling. <i>Biomolecules</i> , 2020 , 10,	5.9	101
103	Serglycin activates pro-tumorigenic signaling and controls glioblastoma cell stemness, differentiation and invasive potential. <i>Matrix Biology Plus</i> , 2020 , 6-7, 100033	5.1	5
102	TGF- β and EGF signaling orchestrates the AP-1- and p63 transcriptional regulation of breast cancer invasiveness. <i>Oncogene</i> , 2020 , 39, 4436-4449	9.2	18
101	Long non-coding RNAs and TGF- β Signaling in cancer. <i>Cancer Science</i> , 2020 , 111, 2672-2681	6.9	11
100	Endothelial-Tumor Cell Interaction in Brain and CNS Malignancies. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
99	The TGFB2-AS1 lncRNA Regulates TGF- β Signaling by Modulating Corepressor Activity. <i>Cell Reports</i> , 2019 , 28, 3182-3198.e11	10.6	15
98	LXR- β limits TGF- β dependent hepatocellular carcinoma associated fibroblast differentiation. <i>Oncogenesis</i> , 2019 , 8, 36	6.6	16
97	TANK-binding kinase 1 is a mediator of platelet-induced EMT in mammary carcinoma cells. <i>FASEB Journal</i> , 2019 , 33, 7822-7832	0.9	15

96	JNK-Dependent cJun Phosphorylation Mitigates TGF β and EGF-Induced Pre-Malignant Breast Cancer Cell Invasion by Suppressing AP-1-Mediated Transcriptional Responses. <i>Cells</i> , 2019 , 8,	7.9	4
95	Has2 natural antisense RNA and Hmga2 promote Has2 expression during TGF β -induced EMT in breast cancer. <i>Matrix Biology</i> , 2019 , 80, 29-45	11.4	27
94	Upregulated BMP-Smad signaling activity in the glucuronyl C5-epimerase knock out MEF cells. <i>Cellular Signalling</i> , 2019 , 54, 122-129	4.9	4
93	Transforming growth factor β (TGF β) induces NIAK kinase expression to fine-tune its signaling output. <i>Journal of Biological Chemistry</i> , 2019 , 294, 4119-4136	5.4	10
92	Systemic and specific effects of antihypertensive and lipid-lowering medication on plasma protein biomarkers for cardiovascular diseases. <i>Scientific Reports</i> , 2018 , 8, 5531	4.9	18
91	Snail regulates BMP and TGF β pathways to control the differentiation status of glioma-initiating cells. <i>Oncogene</i> , 2018 , 37, 2515-2531	9.2	32
90	TGF- β Family Signaling in Epithelial Differentiation and Epithelial-Mesenchymal Transition. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018 , 10,	10.2	47
89	TGF- β Family Signaling in Ductal Differentiation and Branching Morphogenesis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018 , 10,	10.2	14
88	TGF- β and the Tissue Microenvironment: Relevance in Fibrosis and Cancer. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	135
87	Genomewide binding of transcription factor Snail1 in triple-negative breast cancer cells. <i>Molecular Oncology</i> , 2018 , 12, 1153-1174	7.9	20
86	Snail mediates crosstalk between TGF β and LXR β in hepatocellular carcinoma. <i>Cell Death and Differentiation</i> , 2018 , 25, 885-903	12.7	24
85	The protein kinase SIK downregulates the polarity protein Par3. <i>Oncotarget</i> , 2018 , 9, 5716-5735	3.3	9
84	Epithelial-Mesenchymal Transition and Metastasis under the Control of Transforming Growth Factor β . <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	72
83	Genome-wide binding of transcription factor ZEB1 in triple-negative breast cancer cells. <i>Journal of Cellular Physiology</i> , 2018 , 233, 7113-7127	7	25
82	Serpin promotes breast cancer cell aggressiveness: Induction of epithelial to mesenchymal transition, proteolytic activity and IL-8 signaling. <i>Matrix Biology</i> , 2018 , 74, 35-51	11.4	38
81	Somatic Ephrin Receptor Mutations Are Associated with Metastasis in Primary Colorectal Cancer. <i>Cancer Research</i> , 2017 , 77, 1730-1740	10.1	16
80	Mechanistic Insights into Autoinhibition of the Oncogenic Chromatin Remodeler ALC1. <i>Molecular Cell</i> , 2017 , 68, 847-859.e7	17.6	32
79	Transforming growth factor β is a regulator of cancer stemness and metastasis. <i>British Journal of Cancer</i> , 2016 , 115, 761-9	8.7	134

78	Ras and TGF- β signaling enhance cancer progression by promoting the Np63 transcriptional program. <i>Science Signaling</i> , 2016 , 9, ra84	8.8	28
77	The rationale for targeting TGF- β in chronic liver diseases. <i>European Journal of Clinical Investigation</i> , 2016 , 46, 349-61	4.6	46
76	Analysis of Epithelial-Mesenchymal Transition Induced by Transforming Growth Factor β <i>Methods in Molecular Biology</i> , 2016 , 1344, 147-81	1.4	18
75	The protein kinase LKB1 negatively regulates bone morphogenetic protein receptor signaling. <i>Oncotarget</i> , 2016 , 7, 1120-43	3.3	9
74	Mechanisms of TGF- β induced Epithelial-Mesenchymal Transition. <i>Journal of Clinical Medicine</i> , 2016 , 5,	5.1	150
73	Commercially Available Preparations of Recombinant Wnt3a Contain Non-Wnt Related Activities Which May Activate TGF- β Signaling. <i>Journal of Cellular Biochemistry</i> , 2016 , 117, 938-45	4.7	7
72	Chemical regulators of epithelial plasticity reveal a nuclear receptor pathway controlling myofibroblast differentiation. <i>Scientific Reports</i> , 2016 , 6, 29868	4.9	7
71	In vitro and ex vivo vanadium antitumor activity in (TGF- β induced EMT. Synergistic activity with carboplatin and correlation with tumor metastasis in cancer patients. <i>International Journal of Biochemistry and Cell Biology</i> , 2016 , 74, 121-34	5.6	28
70	Mechanisms of action of bone morphogenetic proteins in cancer. <i>Cytokine and Growth Factor Reviews</i> , 2016 , 27, 81-92	17.9	52
69	Single Chain Antibodies as Tools to Study transforming growth factor- β Regulated SMAD Proteins in Proximity Ligation-Based Pharmacological Screens. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 1848-56	7.6	8
68	Regulation of Bone Morphogenetic Protein Signaling by ADP-ribosylation. <i>Journal of Biological Chemistry</i> , 2016 , 291, 12706-12723	5.4	5
67	Signaling Receptors for TGF- β Family Members. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016 , 8,	10.2	287
66	Reprogramming during epithelial to mesenchymal transition under the control of TGF- β <i>Cell Adhesion and Migration</i> , 2015 , 9, 233-46	3.2	52
65	MEG3 long noncoding RNA regulates the TGF- β pathway genes through formation of RNA-DNA triplex structures. <i>Nature Communications</i> , 2015 , 6, 7743	17.4	414
64	The high mobility group A2 protein epigenetically silences the Cdh1 gene during epithelial-to-mesenchymal transition. <i>Nucleic Acids Research</i> , 2015 , 43, 162-78	20.1	52
63	Transforming growth factor β and bone morphogenetic protein actions in brain tumors. <i>FEBS Letters</i> , 2015 , 589, 1588-97	3.8	29
62	Tamoxifen Inhibits TGF- β Mediated Activation of Myofibroblasts by Blocking Non-Smad Signaling Through ERK1/2. <i>Journal of Cellular Physiology</i> , 2015 , 230, 3084-92	7	54
61	Estrogen receptor alpha mediates epithelial to mesenchymal transition, expression of specific matrix effectors and functional properties of breast cancer cells. <i>Matrix Biology</i> , 2015 , 43, 42-60	11.4	104

60	The mitotic checkpoint protein kinase BUB1 is an engine in the TGF- β signaling apparatus. <i>Science Signaling</i> , 2015 , 8, fs1	8.8	2
59	Fine-tuning of Smad protein function by poly(ADP-ribose) polymerases and poly(ADP-ribose) glycohydrolase during transforming growth factor β signaling. <i>PLoS ONE</i> , 2014 , 9, e103651	3.7	15
58	Nucleosome regulatory dynamics in response to TGF- β <i>Nucleic Acids Research</i> , 2014 , 42, 6921-34	20.1	6
57	TGF- β and matrix-regulated epithelial to mesenchymal transition. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014 , 1840, 2621-34	4	101
56	Coordination of TGF- β signaling by ubiquitylation. <i>Molecular Cell</i> , 2013 , 51, 555-6	17.6	8
55	p53 regulates epithelial-mesenchymal transition induced by transforming growth factor β <i>Journal of Cellular Physiology</i> , 2013 , 228, 801-13	7	33
54	Role of Smads in TGF- β signaling. <i>Cell and Tissue Research</i> , 2012 , 347, 21-36	4.2	246
53	Induction of epithelial-mesenchymal transition by transforming growth factor β <i>Seminars in Cancer Biology</i> , 2012 , 22, 446-54	12.7	106
52	Regulation of EMT by TGF- β in cancer. <i>FEBS Letters</i> , 2012 , 586, 1959-70	3.8	361
51	Regulation of transcription factor Twist expression by the DNA architectural protein high mobility group A2 during epithelial-to-mesenchymal transition. <i>Journal of Biological Chemistry</i> , 2012 , 287, 7134-45	5.4	83
50	Transcriptional induction of salt-inducible kinase 1 by transforming growth factor β leads to negative regulation of type I receptor signaling in cooperation with the Smurf2 ubiquitin ligase. <i>Journal of Biological Chemistry</i> , 2012 , 287, 12867-78	5.4	24
49	Context-dependent action of transforming growth factor β family members on normal and cancer stem cells. <i>Current Pharmaceutical Design</i> , 2012 , 18, 4072-86	3.3	18
48	Role of TGF- β signaling in EMT, cancer progression and metastasis. <i>Drug Discovery Today: Disease Models</i> , 2011 , 8, 121-126	1.3	3
47	Regulation of myosin light chain function by BMP signaling controls actin cytoskeleton remodeling. <i>Cellular Physiology and Biochemistry</i> , 2011 , 28, 1031-44	3.9	31
46	The notch and TGF- β signaling pathways contribute to the aggressiveness of clear cell renal cell carcinoma. <i>PLoS ONE</i> , 2011 , 6, e23057	3.7	47
45	Negative regulation of TGF- β signaling by the kinase LKB1 and the scaffolding protein LIP1. <i>Journal of Biological Chemistry</i> , 2011 , 286, 341-53	5.4	39
44	TGF- β activates mitogen- and stress-activated protein kinase-1 (MSK1) to attenuate cell death. <i>Journal of Biological Chemistry</i> , 2011 , 286, 5003-11	5.4	22
43	TGF- β induced early activation of the small GTPase RhoA is Smad2/3-independent and involves Src and the guanine nucleotide exchange factor Vav2. <i>Cellular Physiology and Biochemistry</i> , 2011 , 28, 229-38	3.9	20

42	Transforming growth factor beta promotes complexes between Smad proteins and the CCCTC-binding factor on the H19 imprinting control region chromatin. <i>Journal of Biological Chemistry</i> , 2010 , 285, 19727-37	5.4	25
41	PARP-1 attenuates Smad-mediated transcription. <i>Molecular Cell</i> , 2010 , 40, 521-32	17.6	98
40	Emergence, development and diversification of the TGF-beta signalling pathway within the animal kingdom. <i>BMC Evolutionary Biology</i> , 2009 , 9, 28	3	106
39	Mechanism of TGF-beta signaling to growth arrest, apoptosis, and epithelial-mesenchymal transition. <i>Current Opinion in Cell Biology</i> , 2009 , 21, 166-76	9	515
38	Regulating the stability of TGFbeta receptors and Smads. <i>Cell Research</i> , 2009 , 19, 21-35	24.7	144
37	A SNAIL1-SMAD3/4 transcriptional repressor complex promotes TGF-beta mediated epithelial-mesenchymal transition. <i>Nature Cell Biology</i> , 2009 , 11, 943-50	23.4	490
36	Control of transforming growth factor beta signal transduction by small GTPases. <i>FEBS Journal</i> , 2009 , 276, 2947-65	5.7	81
35	Epithelial-Mesenchymal Transition as a Mechanism of Metastasis 2009 , 65-92		
34	The regulation of TGFbeta signal transduction. <i>Development (Cambridge)</i> , 2009 , 136, 3699-714	6.6	621
33	Dynamic control of TGF-beta signaling and its links to the cytoskeleton. <i>FEBS Letters</i> , 2008 , 582, 2051-65	3.8	78
32	TGF-beta targets PAX3 to control melanocyte differentiation. <i>Developmental Cell</i> , 2008 , 15, 797-9	10.2	17
31	TGFbeta induces SIK to negatively regulate type I receptor kinase signaling. <i>Journal of Cell Biology</i> , 2008 , 182, 655-62	7.3	63
30	HMGA2 and Smads co-regulate SNAIL1 expression during induction of epithelial-to-mesenchymal transition. <i>Journal of Biological Chemistry</i> , 2008 , 283, 33437-46	5.4	270
29	Cancer-Associated Fibroblasts and the Role of TGF- β 2008 , 417-441		
28	Functional role of Meox2 during the epithelial cytostatic response to TGF-beta. <i>Molecular Oncology</i> , 2007 , 1, 55-71	7.9	25
27	Signaling networks guiding epithelial-mesenchymal transitions during embryogenesis and cancer progression. <i>Cancer Science</i> , 2007 , 98, 1512-20	6.9	632
26	Actions of TGF-beta as tumor suppressor and pro-metastatic factor in human cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2007 , 1775, 21-62	11.2	264
25	Notch signaling is necessary for epithelial growth arrest by TGF-beta. <i>Journal of Cell Biology</i> , 2007 , 176, 695-707	7.3	113

24	The mechanism of nuclear export of Smad3 involves exportin 4 and Ran. <i>Molecular and Cellular Biology</i> , 2006 , 26, 1318-32	4.8	72
23	Transforming growth factor-beta employs HMGA2 to elicit epithelial-mesenchymal transition. <i>Journal of Cell Biology</i> , 2006 , 174, 175-83	7.3	390
22	A new twist in Smad signaling. <i>Developmental Cell</i> , 2006 , 10, 685-6	10.2	15
21	Smad pathway-specific transcriptional regulation of the cell cycle inhibitor p21(WAF1/Cip1). <i>Journal of Cellular Physiology</i> , 2005 , 204, 260-72	7	95
20	BMP Signaling in Osteogenesis, Bone Remodeling and Repair. <i>European Journal of Trauma and Emergency Surgery</i> , 2005 , 31, 464-479		15
19	LIM-kinase 2 and cofilin phosphorylation mediate actin cytoskeleton reorganization induced by transforming growth factor-beta. <i>Journal of Biological Chemistry</i> , 2005 , 280, 11448-57	5.4	141
18	Non-Smad TGF-beta signals. <i>Journal of Cell Science</i> , 2005 , 118, 3573-84	5.3	892
17	TGF-beta and the Smad signaling pathway support transcriptomic reprogramming during epithelial-mesenchymal cell transition. <i>Molecular Biology of the Cell</i> , 2005 , 16, 1987-2002	3.5	460
16	Hyaluronan fragments induce endothelial cell differentiation in a CD44- and CXCL1/GRO1-dependent manner. <i>Journal of Biological Chemistry</i> , 2005 , 280, 24195-204	5.4	105
15	Degradation of the tumor suppressor Smad4 by WW and HECT domain ubiquitin ligases. <i>Journal of Biological Chemistry</i> , 2005 , 280, 22115-23	5.4	149
14	Id2 and Id3 define the potency of cell proliferation and differentiation responses to transforming growth factor beta and bone morphogenetic protein. <i>Molecular and Cellular Biology</i> , 2004 , 24, 4241-54	4.8	288
13	Cloning of a novel signaling molecule, AMSH-2, that potentiates transforming growth factor beta signaling. <i>BMC Cell Biology</i> , 2004 , 5, 2		34
12	Differential ubiquitination defines the functional status of the tumor suppressor Smad4. <i>Journal of Biological Chemistry</i> , 2003 , 278, 33571-82	5.4	87
11	Nuclear factor YY1 inhibits transforming growth factor beta- and bone morphogenetic protein-induced cell differentiation. <i>Molecular and Cellular Biology</i> , 2003 , 23, 4494-510	4.8	130
10	Mechanism of a transcriptional cross talk between transforming growth factor-beta-regulated Smad3 and Smad4 proteins and orphan nuclear receptor hepatocyte nuclear factor-4. <i>Molecular Biology of the Cell</i> , 2003 , 14, 1279-94	3.5	44
9	Mechanisms of TGF-beta signaling in regulation of cell growth and differentiation. <i>Immunology Letters</i> , 2002 , 82, 85-91	4.1	415
8	Functions of transforming growth factor-beta family type I receptors and Smad proteins in the hypertrophic maturation and osteoblastic differentiation of chondrocytes. <i>Journal of Biological Chemistry</i> , 2002 , 277, 33545-58	5.4	103
7	From mono- to oligo-Smads: the heart of the matter in TGF-beta signal transduction. <i>Genes and Development</i> , 2002 , 16, 1867-71	12.6	65

6	Transforming growth factor-beta induces nuclear import of Smad3 in an importin-beta1 and Ran-dependent manner. <i>Molecular Biology of the Cell</i> , 2001 , 12, 1079-91	3.5	151
5	Smad regulation in TGF- β signal transduction. <i>Journal of Cell Science</i> , 2001 , 114, 4359-4369	5.3	685
4	Functional consequences of tumorigenic missense mutations in the amino-terminal domain of Smad4. <i>Oncogene</i> , 2000 , 19, 4396-404	9.2	81
3	Role of Smad proteins and transcription factor Sp1 in p21(Waf1/Cip1) regulation by transforming growth factor-beta. <i>Journal of Biological Chemistry</i> , 2000 , 275, 29244-56	5.4	312
2	c-Jun transactivates the promoter of the human p21(WAF1/Cip1) gene by acting as a superactivator of the ubiquitous transcription factor Sp1. <i>Journal of Biological Chemistry</i> , 1999 , 274, 29572-81	5.4	167
1	The soluble exoplasmic domain of the type II transforming growth factor (TGF)-beta receptor. A heterogeneously glycosylated protein with high affinity and selectivity for TGF-beta ligands. <i>Journal of Biological Chemistry</i> , 1995 , 270, 2747-54	5.4	95