

Abdel-Majid Khatib

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

3,165
citations

172386

29
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168321

53
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91
all docs

91
docs citations

91
times ranked

3471
citing authors

#	ARTICLE	IF	CITATIONS
1	The proprotein convertase furin in cancer: more than an oncogene. <i>Oncogene</i> , 2022, 41, 1252-1262.	2.6	23
2	Role of Furin in Colon Cancer Stem Cells Malignant Phenotype and Expression of LGR5 and NANOG in KRAS and BRAF-Mutated Colon Tumors. <i>Cancers</i> , 2022, 14, 1195.	1.7	9
3	The Give-and-Take Interaction Between the Tumor Microenvironment and Immune Cells Regulating Tumor Progression and Repression. <i>Frontiers in Immunology</i> , 2022, 13, 850856.	2.2	20
4	Furin and COVID-19: Structure, Function and Chemoinformatic Analysis of Representative Active Site Inhibitors. <i>Frontiers in Drug Discovery</i> , 2022, 2, .	1.1	7
5	Proprotein convertases blockage up-regulates specifically metallothioneins coding genes in human colon cancer stem cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118912.	1.9	3
6	Downregulation of Glutamine Synthetase, not glutaminolysis, is responsible for glutamine addiction in Notch1-driven acute lymphoblastic leukemia. <i>Molecular Oncology</i> , 2021, 15, 1412-1431.	2.1	16
7	In Silico Investigation of the New UK (B.1.1.7) and South African (501Y.V2) SARS-CoV-2 Variants with a Focus at the ACE2-Spike RBD Interface. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1695.	1.8	72
8	SARAF and Orai1 Contribute to Endothelial Cell Activation and Angiogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 639952.	1.8	12
9	Furin Prodomain ppFurin Enhances Ca ²⁺ Entry Through Orai and TRPC6 Channels Activation in Breast Cancer Cells. <i>Cancers</i> , 2021, 13, 1670.	1.7	10
10	Proprotein convertases: Key players in inflammation-related malignancies and metastasis. <i>Cancer Letters</i> , 2020, 473, 50-61.	3.2	29
11	Structure-based drug repositioning over the human TMPRSS2 protease domain: search for chemical probes able to repress SARS-CoV-2 Spike protein cleavages. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 153, 105495.	1.9	40
12	Patients Lung Derived Tumoroids (PLDTs) to model therapeutic response. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118808.	1.9	6
13	Loss of Proprotein Convertase Furin in Mammary Gland Impairs proIGF1R and proIGFBP3 Processing and Suppresses Tumorigenesis in Triple Negative Breast Cancer. <i>Cancers</i> , 2020, 12, 2686.	1.7	13
14	An Integrative Omics Approach Reveals Involvement of BRCA1 in Hepatic Metastatic Progression of Colorectal Cancer. <i>Cancers</i> , 2020, 12, 2380.	1.7	7
15	Loss of the proprotein convertase Furin in T cells represses mammary tumorigenesis in oncogene-driven triple negative breast cancer. <i>Cancer Letters</i> , 2020, 484, 40-49.	3.2	25
16	The proprotein convertase furin is a pro-oncogenic driver in KRAS and BRAF driven colorectal cancer. <i>Oncogene</i> , 2020, 39, 3571-3587.	2.6	34
17	ELA/APELA precursor cleaved by furin displays tumor suppressor function in renal cell carcinoma through mTORC1 activation. <i>JCI Insight</i> , 2020, 5, .	2.3	25
18	Inactivation of Proprotein Convertases in T Cells Inhibits PD-1 Expression and Creates a Favorable Immune Microenvironment in Colorectal Cancer. <i>Cancer Research</i> , 2019, 79, 5008-5021.	0.4	34

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19	Targeting liver sinusoidal endothelial cells with miRNA-loaded nanoparticles reduces murine colon cancer metastasis to the liver. <i>International Journal of Cancer</i> , 2018, 143, 709-719.	2.3	41
20	PCSK1 (proprotein convertase subtilisin/kexin type 1). <i>Atlas of Genetics and Cytogenetics in Oncology and Haematology</i> , 2018, , .	0.1	0
21	TRP Channels in Angiogenesis and Other Endothelial Functions. <i>Frontiers in Physiology</i> , 2018, 9, 1731.	1.3	55
22	mTOR Inhibition via Displacement of Phosphatidic Acid Induces Enhanced Cytotoxicity Specifically in Cancer Cells. <i>Cancer Research</i> , 2018, 78, 5384-5397.	0.4	14
23	Proprotein convertase furin inhibits matrix metalloproteinase 13 in a TGF β ² -dependent manner and limits osteoarthritis in mice. <i>Scientific Reports</i> , 2018, 8, 10488.	1.6	9
24	Regulation of the proprotein convertases expression and activity during regenerative angiogenesis: Role of hypoxia-inducible factor (HIF). <i>European Journal of Cell Biology</i> , 2017, 96, 457-468.	1.6	16
25	Blockade of the malignant phenotype by β -subunit selective noncovalent inhibition of immuno- and constitutive proteasomes. <i>Oncotarget</i> , 2017, 8, 10437-10449.	0.8	13
26	Integration of zebrafish fin regeneration genes with expression data of human tumors <i>in silico</i> uncovers potential novel melanoma markers. <i>Oncotarget</i> , 2016, 7, 71567-71579.	0.8	28
27	Dual Roles for CXCL4 Chemokines and CXCR3 in Angiogenesis and Invasion of Pancreatic Cancer. <i>Cancer Research</i> , 2016, 76, 6507-6519.	0.4	31
28	Apelin: an antithrombotic factor that inhibits platelet function. <i>Blood</i> , 2016, 127, 908-920.	0.6	45
29	A Molecular Sensor To Characterize Arenavirus Envelope Glycoprotein Cleavage by Subtilisin Kexin Isozyme 1/Site 1 Protease. <i>Journal of Virology</i> , 2016, 90, 705-714.	1.5	11
30	Biological outcome and mapping of total factor cascades in response to HIF induction during regenerative angiogenesis. <i>Oncotarget</i> , 2016, 7, 12102-12120.	0.8	6
31	Abstract 696: Targeting the proprotein convertase PCSK6/PAECE4 abrogates human melanoma malignant phenotype. , 2016, , .		0
32	Liver-Specific Inactivation of the Proprotein Convertase FURIN Leads to Increased Hepatocellular Carcinoma Growth. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	15
33	C-terminal Cleavage of Human Foxp3 at a Proprotein Convertase Motif Abrogates its Suppressive Function. <i>Scandinavian Journal of Immunology</i> , 2015, 81, 229-239.	1.3	11
34	Prodomain of the proprotein convertase subtilisin/kexin Furin (ppFurin) protects from tumor progression and metastasis. <i>Carcinogenesis</i> , 2014, 35, 528-536.	1.3	22
35	Repression of liver colorectal metastasis by the serpin Spn4A a naturally occurring inhibitor of the constitutive secretory proprotein convertases. <i>Oncotarget</i> , 2014, 5, 4195-4210.	0.8	14
36	Proprotein Convertases: Discovery, Characteristics, and Link to Tumor Progression and Metastasis. <i>Colloquium Series on Protein Activation and Cancer</i> , 2013, 2, 1-86.	0.0	0

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37	Processing of VEGF-C and -D by the Proprotein Convertases: Importance in Angiogenesis, Lymphangiogenesis, and Tumorigenesis. Colloquium Series on Protein Activation and Cancer, 2013, 2, 1-66.	0.0	1
38	Inhibition of Tumor Cells Proliferation and Migration by the Flavonoid Furin Inhibitor Isolated From <i>Oroxylum indicum</i> . Current Medicinal Chemistry, 2013, 20, 583-591.	1.2	29
39	Proprotein Convertase Subtilisin/Kexin Type 9 Deficiency Reduces Melanoma Metastasis in Liver. Neoplasia, 2012, 14, 1122-IN5.	2.3	94
40	Protective role of systemic furin in immune responseâ€‘induced arthritis. Arthritis and Rheumatism, 2012, 64, 2878-2886.	6.7	32
41	Melanoma Spheroids Grown Under Neural Crest Cell Conditions Are Highly Plastic Migratory/Invasive Tumor Cells Endowed with Immunomodulator Function. PLoS ONE, 2011, 6, e18784.	1.1	84
42	Invading Basement Membrane Matrix Is Sufficient for MDA-MB-231 Breast Cancer Cells to Develop a Stable In Vivo Metastatic Phenotype. PLoS ONE, 2011, 6, e23334.	1.1	23
43	Identification of the Myosin Heavy Polypeptide 9 as a Downstream Effector of the Proprotein Convertases in the Human Colon Carcinoma HT-29 Cells. Methods in Molecular Biology, 2011, 768, 207-215.	0.4	3
44	Inhibition of the Proprotein Convertases Represses the Invasiveness of Human Primary Melanoma Cells with Altered p53, CDKN2A and N-Ras Genes. PLoS ONE, 2010, 5, e9992.	1.1	16
45	Blockade of Furin Activity and Furin-Induced Tumor Cells Malignant Phenotypes By The Chemically Synthesized Human Furin Prodomain. Current Medicinal Chemistry, 2010, 17, 2214-2221.	1.2	20
46	Zebrafish ProVEGF-C Expression, Proteolytic Processing and Inhibitory Effect of Unprocessed ProVEGF-C during Fin Regeneration. PLoS ONE, 2010, 5, e11438.	1.1	20
47	The Potential Anti-Tumorigenic and Anti-Metastatic Side of the Proprotein Convertases Inhibitors. Recent Patents on Anti-Cancer Drug Discovery, 2009, 4, 83-91.	0.8	11
48	New Symmetrically Esterified m-Bromobenzyl Non-Aminobisphosphonates Inhibited Breast Cancer Growth and Metastases. PLoS ONE, 2009, 4, e4685.	1.1	20
49	A Novel Eneidiynyl Peptide Inhibitor of Furin That Blocks Processing of proPDGF-A, B and proVEGF-C. PLoS ONE, 2009, 4, e7700.	1.1	27
50	Granulocyte-macrophage colony stimulating factor is anabolic and interleukin-1 β is catabolic for rat articular chondrocytes. Cytokine, 2008, 44, 366-372.	1.4	9
51	Regulation of prohepcidin processing and activity by the subtilisin-like proprotein convertases Furin, PC5, PACE4 and PC7. Gut, 2008, 57, 1573-1582.	6.1	33
52	Inhibitory Feature of the Proprotein Convertases Prosegments. Medicinal Chemistry, 2008, 4, 116-120.	0.7	6
53	Knock-out mouse models of proprotein convertases: unique functions or redundancy?. Frontiers in Bioscience - Landmark, 2008, Volume, 4960.	3.0	75
54	Selective inhibition of proprotein convertases represses the metastatic potential of human colorectal tumor cells. Journal of Clinical Investigation, 2008, 118, 352-363.	3.9	109

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55	Opposing Function of the Proprotein Convertases Furin and PACE4 on Breast Cancer Cells' Malignant Phenotypes: Role of Tissue Inhibitors of Metalloproteinase-1. <i>Cancer Research</i> , 2007, 67, 9030-9034.	0.4	57
56	Articular chondrocyte aging and endothelin-1. <i>Cytokine</i> , 2007, 37, 6-13.	1.4	6
57	Potential opportunity in the development of new therapeutic agents based on endogenous and exogenous inhibitors of the proprotein convertases. <i>Medicinal Research Reviews</i> , 2007, 27, 631-648.	5.0	22
58	Endothelin-1 (ET-1) promotes MMP-2 and MMP-9 induction involving the transcription factor NF- κ B in human osteosarcoma. <i>Clinical Science</i> , 2006, 110, 645-654.	1.8	93
59	Tumor necrosis factor- α down-regulates human Cu/Zn superoxide dismutase 1 promoter via JNK/AP-1 signaling pathway. <i>Free Radical Biology and Medicine</i> , 2006, 41, 709-721.	1.3	64
60	Proprotein convertases: lessons from knockouts. <i>FASEB Journal</i> , 2006, 20, 1954-1963.	0.2	210
61	Growth Factors: To Cleave or not to Cleave. , 2006, , 121-135.		2
62	Discovery of the Proprotein Convertases and their Inhibitors. , 2006, , 7-26.		0
63	Proprotein Convertases in Tumorigenesis, Angiogenesis and Metastasis. , 2006, , 67-88.		0
64	Regulation of the stepwise proteolytic cleavage and secretion of PDGF-B by the proprotein convertases. <i>Oncogene</i> , 2005, 24, 6925-6935.	2.6	67
65	Endo/exo-proteolysis in neoplastic progression and metastasis. <i>Journal of Molecular Medicine</i> , 2005, 83, 856-864.	1.7	12
66	Characterization of the Host Proinflammatory Response to Tumor Cells during the Initial Stages of Liver Metastasis. <i>American Journal of Pathology</i> , 2005, 167, 749-759.	1.9	131
67	Method for Selecting Populations of Rat Articular Chondrocytes That Exhibit Distinct Growth and Metabolic Characteristics, and Their Responses to Growth Factors, PMA and Vitamin D ₃ . <i>Cells Tissues Organs</i> , 2004, 177, 201-211.	1.3	2
68	Human synovium produces substances that inhibit DNA and stimulate proteoglycan and collagen synthesis by cultured human articular chondrocytes and synovial fibroblasts. <i>Scandinavian Journal of Rheumatology</i> , 2003, 32, 240-246.	0.6	7
69	The secretory proprotein convertases furin, PC5, and PC7 activate VEGF-C to induce tumorigenesis. <i>Journal of Clinical Investigation</i> , 2003, 111, 1723-1732.	3.9	109
70	The secretory proprotein convertases furin, PC5, and PC7 activate VEGF-C to induce tumorigenesis. <i>Journal of Clinical Investigation</i> , 2003, 111, 1723-1732.	3.9	170
71	The proteolytic processing of pro-platelet-derived growth factor-A at RRKR(86) by members of the proprotein convertase family is functionally correlated to platelet-derived growth factor-A-induced functions and tumorigenicity. <i>Cancer Research</i> , 2003, 63, 1458-63.	0.4	64
72	Proprotein Convertases in Tumor Progression and Malignancy. <i>American Journal of Pathology</i> , 2002, 160, 1921-1935.	1.9	196

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73	MECHANISM OF INHIBITION OF ENDOTHELIN-1-INDUCED STIMULATED PROTEOGLYCAN AND COLLAGEN SYNTHESIS IN RAT ARTICULAR CHONDROCYTES. <i>Cytokine</i> , 2002, 17, 254-261.	1.4	17
74	Inhibition of hepatic endothelial E-selectin expression by C-raf antisense oligonucleotides blocks colorectal carcinoma liver metastasis. <i>Cancer Research</i> , 2002, 62, 5393-8.	0.4	90
75	Regulation of urokinase plasminogen activator/plasmin-mediated invasion of melanoma cells by the integrin vitronectin receptor $\alpha_5\beta_3$. <i>International Journal of Cancer</i> , 2001, 91, 300-308.	2.3	10
76	Endothelin-1 receptors on cultured rat articular chondrocytes: regulation by age, growth factors, and cytokines, and effect on cAMP production. <i>Mechanisms of Ageing and Development</i> , 2001, 122, 519-531.	2.2	11
77	Inhibition of Proprotein Convertases Is Associated with Loss of Growth and Tumorigenicity of HT-29 Human Colon Carcinoma Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 30686-30693.	1.6	156
78	Cooperative Regulation of the Invasive and Metastatic Phenotypes by Different Domains of the Type I Insulin-like Growth Factor Receptor β_2 Subunit. <i>Journal of Biological Chemistry</i> , 2001, 276, 33608-33615.	1.6	82
79	Regulation of urokinase plasminogen activator/plasmin-mediated invasion of melanoma cells by the integrin vitronectin receptor $\alpha_5\beta_3$. <i>International Journal of Cancer</i> , 2001, 91, 300-308.	2.3	47
80	Articular chondrocytes from aging rats respond poorly to insulin-like growth factor-1: an altered signaling pathway. <i>Mechanisms of Ageing and Development</i> , 2000, 115, 21-37.	2.2	58
81	Endothelin-1 in monolayer cultures of articular chondrocytes from young and old rats: regulation by growth factors and cytokines. <i>Mechanisms of Ageing and Development</i> , 2000, 114, 37-48.	2.2	13
82	Basal and induced nitric oxide and cGMP productions are decreased in senescent cultured rat articular chondrocytes. <i>Mechanisms of Ageing and Development</i> , 1998, 101, 21-32.	2.2	11
83	ENDOTHELIN 1 RECEPTORS, SIGNAL TRANSDUCTION AND EFFECTS ON DNA AND PROTEOGLYCAN SYNTHESIS IN RAT ARTICULAR CHONDROCYTES. <i>Cytokine</i> , 1998, 10, 669-679.	1.4	18
84	Mitogenic and Metabolic Actions of Epidermal Growth Factor on Rat Articular Chondrocytes: Modulation by Fetal Calf Serum, Transforming Growth Factor- β_2 , and Tyrphostin. <i>Archives of Biochemistry and Biophysics</i> , 1997, 337, 149-158.	1.4	20
85	CONSTITUTIVE AND INDUCIBLE EXPRESSION OF ENDOTHELIN-1 IN PRIMARY RAT ARTICULAR CHONDROCYTE CULTURE. <i>Cytokine</i> , 1997, 9, 556-562.	1.4	17
86	The Mechanism of Inhibition of DNA Synthesis in Articular Chondrocytes from Young and Old Rats by Nitric Oxide. <i>Nitric Oxide - Biology and Chemistry</i> , 1997, 1, 218-225.	1.2	13
87	The mechanism of inhibition of endothelin-1-induced stimulation of DNA synthesis in rat articular chondrocytes. <i>Molecular and Cellular Endocrinology</i> , 1997, 132, 25-31.	1.6	12
88	Degradation of Hyaluronic Acid by Photosensitized Riboflavin In Vitro. Modulation of the Effect by Transition Metals, Radical Quenchers, and Metal Chelators. <i>Free Radical Biology and Medicine</i> , 1997, 22, 1139-1144.	1.3	49