Rafael Fridman

List of Publications by Year
in descending order

30 papers	1,884 citations	516561 16 h-index	580701 25 g-index
30 all docs	30 docs citations	30 times ranked	2506 citing authors

#	Article	IF	Citations
1	Angiotensinâ€converting enzyme inhibitors increase antiâ€fibrotic biomarkers in African Americans with left ventricular hypertrophy. Journal of Clinical Hypertension, 2021, 23, 1008-1016.	1.0	6
2	Regulation of Tumor Metabolism and Extracellular Acidosis by the TIMP-10â€“CD63 Axis in Breast Carcinoma. Cells, 2021, 10, 2721.	1.8	5
3	Discoidin Domain Receptors in Melanoma: Potential Therapeutic Targets to Overcome MAPK Inhibitor Resistance. Frontiers in Oncology, 2020, 10, 1748.	1.3	9
4	Discoidin Domain Receptor 1 (DDR1) Is Necessary for Tissue Homeostasis in Pancreatic Injury and Pathogenesis of Pancreatic Ductal Adenocarcinoma. American Journal of Pathology, 2020, 190, 1735-1751.	1.9	27
5	Discoidin domain receptors: A promising target in melanoma. Pigment Cell and Melanoma Research, 2019, 32, 697-707.	1.5	22
6	Live cell measurements of interaction forces and binding kinetics between Discoidin Domain Receptor 1 (DDR1) and collagen I with atomic force microscopy. Biochimica Et Biophysica Acta - General Subjects, 2019, 1863, 129402.	1.1	6
7	Characterization and regulation of <scp>MT</scp>1â€<scp>MMP</scp> cell surfaceâ€associated activity. Chemical Biology and Drug Design, 2019, 93, 1251-1264.	1.5	9
8	DNA-Encoded Library-Derived DDR1 Inhibitor Prevents Fibrosis and Renal Function Loss in a Genetic Mouse Model of Alport Syndrome. ACS Chemical Biology, 2019, 14, 37-49.	1.6	84
9	Clustering, Spatial Distribution, and Phosphorylation of Discoidin Domain Receptors 1 and 2 in Response to Soluble Collagen I. Journal of Molecular Biology, 2019, 431, 368-390.	2.0	30
10	Selective pharmacological inhibition of DDR1 prevents experimentally-induced glomerulonephritis in prevention and therapeutic regime. Journal of Translational Medicine, 2018, 16, 148.	1.8	19
11	Role of DDR2 ECD Oligomerization in Binding to Collagen. Microscopy and Microanalysis, 2016, 22, 1126-1127.	0.2	1
12	TIMP-1 via TWIST1 Induces EMT Phenotypes in Human Breast Epithelial Cells. Molecular Cancer Research, 2014, 12, 1324-1333.	1.5	55
13	Discoidin Domain Receptors: Unique Receptor Tyrosine Kinases in Collagen-mediated Signaling. Journal of Biological Chemistry, 2013, 288, 7430-7437.	1.6	182
14	Increased initiation and growth of tumor cell lines, cancer stem cells and biopsy material in mice using basement membrane matrix protein (Cultrex or Matrigel) co-injection. Nature Protocols, 2012, 7, 1138-1144.	5.5	87
15	PTEN Regulates PDGF Ligand Switch for Î²-PDGFR Signaling in Prostate Cancer. American Journal of Pathology, 2012, 180, 1017-1027.	1.9	30
16	Regulation of Discoidin Domain Receptorâ€1 by Membraneâ€type 1 Matrix Metalloproteinase (MT1â€MMP). FASEB Journal, 2011, 25, 121.8.	0.2	0
17	Metalloproteinases and cancer. Cancer and Metastasis Reviews, 2006, 25, 7-8.	2.7	9
18	Cell surface association of matrix metalloproteinase-9 (gelatinase B). Cancer and Metastasis Reviews, 2003, 22, 153-166.	2.7	141

#	Article	IF	Citations
19	Surface association of secreted matrix metalloproteinases. Current Topics in Developmental Biology, 2003, 54, 75-100.	1.0	15
20	Insight into the Complex and Dynamic Process of Activation of Matrix Metalloproteinases. Journal of the American Chemical Society, 2001, 123, 3108-3113.	6.6	26
21	Differential regulation of matrix metalloproteinase-9, tissue inhibitor of metalloproteinase-1 (TIMP-1) and TIMP-2 expression in co-cultures of prostate cancer and stromal cells. International Journal of Cancer, 2001, 93, 507-515.	2.3	80
22	Biosynthesis of ?2(IV) and ?1(IV) chains of collagen IV and interactions with matrix metalloproteinase-9. , 1999, 180, 131-139.		29
23	Density-dependent regulation of cell-surface association of matrix metalloproteinase-2 (MMP-2) in breast-carcinoma cells. , 1998, 75, 259-265.		29
24	Matrix metalloproteinases: structures, evolution, and diversification. FASEB Journal, 1998, 12, 1075-1095.	0.2	714
25	Phospholipase C-? Immunostaining in Human Breast Carcinoma: Clinical Significance and Correlations with Protease and Growth-Factor Receptor Species. Breast Journal, 1997, 3, 350-356.	0.4	0
26	Epidermal growth factor and amphiregulin up-regulate matrix metalloproteinase-9 (MMP-9) in human breast cancer cells. International Journal of Cancer, 1997, 70, 722-726.	2.3	161
27	Epidermal growth factor and amphiregulin up-regulate matrix metalloproteinase-9 (MMP-9) in human breast cancer cells. , 1997, 70, 722.		1
28	Expression of functional recombinant human procathepsin B in mammalian cells. Biochemical Journal, 1996, 319, 793-800.	1.7	17
29	The effect of platelets on invasiveness and protease production of human mammary tumor cells. International Journal of Cancer, 1995, 60, 413-417.	2.3	75
30	The extracellular matrix produced by bovine corneal endothelial cells contains progelatinase A. FEBS Letters, 1995, 361, 61-64.	1.3	15