

# Rafael Fridman

## List of Publications by Year in descending order

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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	Matrix metalloproteinases: structures, evolution, and diversification. <i>FASEB Journal</i> , 1998, 12, 1075-1095.	0.2	714
2	Discoidin Domain Receptors: Unique Receptor Tyrosine Kinases in Collagen-mediated Signaling. <i>Journal of Biological Chemistry</i> , 2013, 288, 7430-7437.	1.6	182
3	Epidermal growth factor and amphiregulin up-regulate matrix metalloproteinase-9 (MMP-9) in human breast cancer cells. <i>International Journal of Cancer</i> , 1997, 70, 722-726.	2.3	161
4	Cell surface association of matrix metalloproteinase-9 (gelatinase B). <i>Cancer and Metastasis Reviews</i> , 2003, 22, 153-166.	2.7	141
5	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. <i>Nature Protocols</i> , 2012, 7, 1138-1144.	5.5	87
6	DNA-Encoded Library-Derived DDR1 Inhibitor Prevents Fibrosis and Renal Function Loss in a Genetic Mouse Model of Alport Syndrome. <i>ACS Chemical Biology</i> , 2019, 14, 37-49.	1.6	84
7	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. <i>International Journal of Cancer</i> , 2001, 93, 507-515.	2.3	80
8	The effect of platelets on invasiveness and protease production of human mammary tumor cells. <i>International Journal of Cancer</i> , 1995, 60, 413-417.	2.3	75
9	TIMP-1 via TWIST1 Induces EMT Phenotypes in Human Breast Epithelial Cells. <i>Molecular Cancer Research</i> , 2014, 12, 1324-1333.	1.5	55
10	PTEN Regulates PDGF Ligand Switch for $\beta$ 2-PDGFR Signaling in Prostate Cancer. <i>American Journal of Pathology</i> , 2012, 180, 1017-1027.	1.9	30
11	Clustering, Spatial Distribution, and Phosphorylation of Discoidin Domain Receptors 1 and 2 in Response to Soluble Collagen I. <i>Journal of Molecular Biology</i> , 2019, 431, 368-390.	2.0	30
12	Density-dependent regulation of cell-surface association of matrix metalloproteinase-2 (MMP-2) in breast-carcinoma cells. , 1998, 75, 259-265.		29
13	Biosynthesis of $\alpha$ 2(IV) and $\alpha$ 1(IV) chains of collagen IV and interactions with matrix metalloproteinase-9. , 1999, 180, 131-139.		29
14	Discoidin Domain Receptor 1 (DDR1) Is Necessary for Tissue Homeostasis in Pancreatic Injury and Pathogenesis of Pancreatic Ductal Adenocarcinoma. <i>American Journal of Pathology</i> , 2020, 190, 1735-1751.	1.9	27
15	Insight into the Complex and Dynamic Process of Activation of Matrix Metalloproteinases. <i>Journal of the American Chemical Society</i> , 2001, 123, 3108-3113.	6.6	26
16	Discoidin domain receptors: A promising target in melanoma. <i>Pigment Cell and Melanoma Research</i> , 2019, 32, 697-707.	1.5	22
17	Selective pharmacological inhibition of DDR1 prevents experimentally-induced glomerulonephritis in prevention and therapeutic regime. <i>Journal of Translational Medicine</i> , 2018, 16, 148.	1.8	19
18	Expression of functional recombinant human procathepsin B in mammalian cells. <i>Biochemical Journal</i> , 1996, 319, 793-800.	1.7	17

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19	The extracellular matrix produced by bovine corneal endothelial cells contains progelatinase A. FEBS Letters, 1995, 361, 61-64.	1.3	15
20	Surface association of secreted matrix metalloproteinases. Current Topics in Developmental Biology, 2003, 54, 75-100.	1.0	15
21	Metalloproteinases and cancer. Cancer and Metastasis Reviews, 2006, 25, 7-8.	2.7	9
22	Characterization and regulation of <sc>MT</sc> 1â€<sc>MMP</sc> cell surfaceâ€ associated activity. Chemical Biology and Drug Design, 2019, 93, 1251-1264.	1.5	9
23	Discoidin Domain Receptors in Melanoma: Potential Therapeutic Targets to Overcome MAPK Inhibitor Resistance. Frontiers in Oncology, 2020, 10, 1748.	1.3	9
24	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
25	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
26	Regulation of Tumor Metabolism and Extracellular Acidosis by the TIMP-10â€ CD63 Axis in Breast Carcinoma. Cells, 2021, 10, 2721.	1.8	5
27	Role of DDR2 ECD Oligomerization in Binding to Collagen. Microscopy and Microanalysis, 2016, 22, 1126-1127.	0.2	1
28	Epidermal growth factor and amphiregulin up-regulate matrix metalloproteinase-9 (MMP-9) in human breast cancer cells. , 1997, 70, 722.		1
29	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
30	Regulation of Discoidin Domain Receptorâ€ 1 by Membraneâ€ type 1 Matrix Metalloproteinase (MT1â€ MMP). FASEB Journal, 2011, 25, 121.8.	0.2	0