

# Fedor Berditchevski

## List of Publications by Year in descending order

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39  
papers

4,322  
citations

159585

30  
h-index

315739

38  
g-index

39  
all docs

39  
docs citations

39  
times ranked

4355  
citing authors

#	ARTICLE	IF	CITATIONS
1	Complexes of tetraspanins with integrins: more than meets the eye. <i>Journal of Cell Science</i> , 2001, 114, 4143-4151.	2.0	520
2	Highly Stoichiometric, Stable, and Specific Association of Integrin $\alpha 3 \beta 1$ with CD151 Provides a Major Link to Phosphatidylinositol 4-Kinase, and May Regulate Cell Migration. <i>Molecular Biology of the Cell</i> , 1998, 9, 2751-2765.	2.1	296
3	Characterization of Integrin-Tetraspanin Adhesion Complexes. <i>Journal of Cell Biology</i> , 1999, 146, 477-492.	5.2	270
4	Attenuation of EGF receptor signaling by a metastasis suppressor, the tetraspanin CD82/KAI-1. <i>Current Biology</i> , 2000, 10, 1009-1012.	3.9	251
5	Tetraspanins as Regulators of Protein Trafficking. <i>Traffic</i> , 2007, 8, 89-96.	2.7	250
6	Generation of Monoclonal Antibodies to Integrin-associated Proteins. <i>Journal of Biological Chemistry</i> , 1997, 272, 29174-29180.	3.4	249
7	A Novel Link between Integrins, Transmembrane-4 Superfamily Proteins (CD63 and CD81), and Phosphatidylinositol 4-Kinase. <i>Journal of Biological Chemistry</i> , 1997, 272, 2595-2598.	3.4	222
8	Function of $\alpha 3 \beta 1$ -Tetraspanin Protein Complexes in Tumor Cell Invasion. Evidence for the Role of the Complexes in Production of Matrix Metalloproteinase 2 (Mmp-2). <i>Journal of Cell Biology</i> , 1999, 146, 1375-1389.	5.2	188
9	Expression of the Palmitoylation-deficient CD151 Weakens the Association of $\alpha 3 \beta 1$ Integrin with the Tetraspanin-enriched Microdomains and Affects Integrin-dependent Signaling. <i>Journal of Biological Chemistry</i> , 2002, 277, 36991-37000.	3.4	184
10	Tetraspanin CD82 regulates compartmentalisation and ligand-induced dimerization of EGFR. <i>Journal of Cell Science</i> , 2003, 116, 4557-4566.	2.0	180
11	Specific Association Of CD63 with the VLA-3 and VLA-6 Integrins. <i>Journal of Biological Chemistry</i> , 1995, 270, 17784-17790.	3.4	161
12	Syntenin-1 Is a New Component of Tetraspanin-Enriched Microdomains: Mechanisms and Consequences of the Interaction of Syntenin-1 with CD63. <i>Molecular and Cellular Biology</i> , 2006, 26, 7707-7718.	2.3	161
13	Tetraspanin CD151 Mediates Papillomavirus Type 16 Endocytosis. <i>Journal of Virology</i> , 2013, 87, 3435-3446.	3.4	115
14	Analysis of the CD151- $\alpha 3 \beta 1$ Integrin and CD151-Tetraspanin Interactions by Mutagenesis. <i>Journal of Biological Chemistry</i> , 2001, 276, 41165-41174.	3.4	101
15	CD151 Regulates Tumorigenesis by Modulating the Communication between Tumor Cells and Endothelium. <i>Molecular Cancer Research</i> , 2009, 7, 787-798.	3.4	86
16	NAG-2, a Novel Transmembrane-4 Superfamily (TM4SF) Protein That Complexes with Integrins and Other TM4SF Proteins. <i>Journal of Biological Chemistry</i> , 1997, 272, 29181-29189.	3.4	84
17	Gangliosides play an important role in the organization of CD82-enriched microdomains. <i>Biochemical Journal</i> , 2006, 400, 315-325.	3.7	81
18	Tetraspanins in human epithelial malignancies. <i>Journal of Pathology</i> , 2011, 223, 4-14.	4.5	81

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19	Tetraspanin CD151 Regulates Transforming Growth Factor $\beta$ 2 Signaling: Implication in Tumor Metastasis. <i>Cancer Research</i> , 2010, 70, 6059-6070.	0.9	79
20	Suppression of Integrin $\alpha$ 3 $\beta$ 1 in Breast Cancer Cells Reduces <i>Cyclooxygenase-2</i> Gene Expression and Inhibits Tumorigenesis, Invasion, and Cross-Talk to Endothelial Cells. <i>Cancer Research</i> , 2010, 70, 6359-6367.	0.9	75
21	The CD63-Syntenin-1 Complex Controls Post-Endocytic Trafficking of Oncogenic Human Papillomaviruses. <i>Scientific Reports</i> , 2016, 6, 32337.	3.3	74
22	Tetraspanin 6: a pivotal protein of the multiple vesicular body determining exosome release and lysosomal degradation of amyloid precursor protein fragments. <i>Molecular Neurodegeneration</i> , 2017, 12, 25.	10.8	70
23	The role of tetraspanin CD63 in antigen presentation via MHC class II. <i>European Journal of Immunology</i> , 2011, 41, 2556-2561.	2.9	68
24	The tumour-associated antigen L6 (L6-Ag) is recruited to the tetraspanin-enriched microdomains: implication for tumour cell motility. <i>Journal of Cell Science</i> , 2008, 121, 685-694.	2.0	65
25	Tetraspanin CD151 Regulates Glycosylation of $\alpha$ 3 $\beta$ 1 Integrin. <i>Journal of Biological Chemistry</i> , 2008, 283, 35445-35454.	3.4	60
26	Metastasis Suppressor Tetraspanin CD82/KAI1 Regulates Ubiquitylation of Epidermal Growth Factor Receptor. <i>Journal of Biological Chemistry</i> , 2013, 288, 26323-26334.	3.4	57
27	Tetraspanin CD151 Regulates Growth of Mammary Epithelial Cells in Three-Dimensional Extracellular Matrix: Implication for Mammary Ductal Carcinoma <i>In situ</i> . <i>Cancer Research</i> , 2010, 70, 4698-4708.	0.9	46
28	The Tetraspanin CD151 Functions as a Negative Regulator in the Adhesion-dependent Activation of Ras. <i>Journal of Biological Chemistry</i> , 2003, 278, 26323-26326.	3.4	45
29	Binding to Syntenin-1 Protein Defines a New Mode of Ubiquitin-based Interactions Regulated by Phosphorylation. <i>Journal of Biological Chemistry</i> , 2011, 286, 39606-39614.	3.4	38
30	The Tetraspanin CD151 in Papillomavirus Infection. <i>Viruses</i> , 2014, 6, 893-908.	3.3	38
31	CD151 supports VCAM-1-mediated lymphocyte adhesion to liver endothelium and is upregulated in chronic liver disease and hepatocellular carcinoma. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, G138-G149.	3.4	29
32	Tetraspanin Tspan9 regulates platelet collagen receptor GPVI lateral diffusion and activation. <i>Platelets</i> , 2017, 28, 629-642.	2.3	21
33	Lack of CD151/integrin $\alpha$ 3 $\beta$ 1 complex is predictive of poor outcome in node-negative lobular breast carcinoma: opposing roles of CD151 in invasive lobular and ductal breast cancers. <i>British Journal of Cancer</i> , 2015, 113, 1350-1357.	6.4	19
34	ErbB receptors and tetraspanins: Casting the net wider. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 77, 68-71.	2.8	17
35	The CD151-miR-146a pathway regulates the immune microenvironment in inflammatory breast cancer. <i>Journal of Pathology</i> , 2020, 251, 63-73.	4.5	14
36	Tetraspanin 6 is a regulator of carcinogenesis in colorectal cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	13

#	ARTICLE	IF	CITATIONS
37	CD151 regulates expression of FGFR2 in breast cancer cells via PKC-dependent pathways. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	10
38	Calcium-dependent signalling in B-cell lymphomas. <i>Oncogene</i> , 2021, 40, 6321-6328.	5.9	4
39	Tetraspanins as Regulators of Protein Trafficking. , 2013, , 109-130.		0