Beat Trueb

List of Publications by Year in descending order

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79 papers	2,706 citations	172207 29 h-index	189595 50 g-index
79 all docs	79 docs citations	79 times ranked	2670 citing authors

#	Article	IF	Citations
1	An Ankyrin-like Protein with Transmembrane Domains Is Specifically Lost after Oncogenic Transformation of Human Fibroblasts. Journal of Biological Chemistry, 1999, 274, 7325-7333.	1.6	271
2	Primary structure of a putative serine protease specific for IGF-binding proteins. FEBS Letters, 1996, 398, 187-192.	1.3	184
3	Characterization of a Novel Protein (FGFRL1) from Human Cartilage Related to FGF Receptors. Genomics, 2000, 69, 275-279.	1.3	126
4	Type VI collagen is a major component of the human cornea. FEBS Letters, 1986, 197, 55-58.	1.3	116
5	Biology of FGFRL1, the fifth fibroblast growth factor receptor. Cellular and Molecular Life Sciences, 2011, 68, 951-964.	2.4	112
6	Mechanical Stress Is Required for High-Level Expression of Connective Tissue Growth Factor. Experimental Cell Research, 2002, 274, 83-91.	1.2	108
7	Zyxin Interacts with the SH3 Domains of the Cytoskeletal Proteins LIM-nebulette and Lasp-1. Journal of Biological Chemistry, 2004, 279, 20401-20410.	1.6	97
8	An Î±-Actinin Binding Site of Zyxin Is Essential for Subcellular Zyxin Localization and Î±-Actinin Recruitment. Journal of Biological Chemistry, 1999, 274, 13410-13418.	1.6	92
9	Type VI collagen represents a major fraction of connective tissue collagens. FEBS Journal, 1987, 166, 699-703.	0.2	81
10	Characterization of FGFRL1, a Novel Fibroblast Growth Factor (FGF) Receptor Preferentially Expressed in Skeletal Tissues. Journal of Biological Chemistry, 2003, 278, 33857-33865.	1.6	69
11	DRG represents a family of two closely related GTP-binding proteins. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2000, 1491, 196-204.	2.4	58
12	The murine Fgfrl1 receptor is essential for the development of the metanephric kidney. Developmental Biology, 2009, 335, 106-119.	0.9	58
13	The FGFRL1 Receptor Is Shed from Cell Membranes, Binds Fibroblast Growth Factors (FGFs), and Antagonizes FGF Signaling in Xenopus Embryos. Journal of Biological Chemistry, 2010, 285, 2193-2202.	1.6	57
14	Complete primary structure of chicken collagen XIV. FEBS Journal, 1993, 212, 483-490.	0.2	52
15	Three members of the connective tissue growth factor family CCN are differentially regulated by mechanical stress. Biochimica Et Biophysica Acta - Molecular Cell Research, 2004, 1691, 33-40.	1.9	49
16	Down-Regulated Proteins of Mesenchymal Tumor Cells. Experimental Cell Research, 1998, 239, 161-168.	1.2	48
17	Mice with a targeted disruption of the Fgfrl1 gene die at birth due to alterations in the diaphragm. FEBS Journal, 2007, 274, 6241-6253.	2.2	46
18	Nonenzymatic Glycosylation of Basement Membrane Collagen in Diabetes Mellitus. Collagen and Related Research, 1984, 4, 239-251.	2.2	45

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19	The promoter of the chicken Î±2(VI) collagen gene has features characteristic of house-keeping genes and of proto-oncogenes. Nucleic Acids Research, 1991, 19, 485-491.	6.5	42
20	Role of FGFRL1 and other FGF signaling proteins in early kidney development. Cellular and Molecular Life Sciences, 2013, 70, 2505-2518.	2.4	42
21	Characterization of Human Matrilin-3 (MATN3). Genomics, 1998, 53, 391-394.	1.3	41
22	Type XIV collagen is a varient of undulin. FEBS Journal, 1992, 207, 549-557.	0.2	39
23	Analysis of the Î±-Actinin/Zyxin Interaction. Journal of Biological Chemistry, 2001, 276, 33328-33335.	1.6	39
24	The cell surface receptor FGFRL1 forms constitutive dimers that promote cell adhesion. Experimental Cell Research, 2008, 314, 1071-1081.	1.2	39
25	Characterization of the first FGFRL1 mutation identified in a craniosynostosis patient. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2009, 1792, 112-121.	1.8	38
26	Identification of a fibronectin interaction site in the extracellular matrix protein ameloblastin. Experimental Cell Research, 2010, 316, 1202-1212.	1.2	38
27	Matrilin-3 from chicken cartilage. FEBS Letters, 1997, 415, 212-216.	1.3	33
28	Expression of FGFRL1, a novel fibroblast growth factor receptor, during embryonic development. International Journal of Molecular Medicine, 2006, 17, 617-20.	1.8	32
29	The lipoma preferred partner LPP interacts with Î±-actinin. Journal of Cell Science, 2003, 116, 1359-1366.	1.2	29
30	Examination of FGFRL1 as a candidate gene for diaphragmatic defects at chromosome 4p16.3 shows that Fgfrl1 null mice have reduced expression of Tpm3, sarcomere genes and Lrtm1 in the diaphragm. Human Genetics, 2010, 127, 325-336.	1.8	28
31	Synthesis and quantitation of glucitollysine, a glycosylated amino acid elevated in proteins from diabetics. Analytical Biochemistry, 1982, 119, 330-334.	1.1	27
32	The two splice variants of collagen XII share a common 5â€² end. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1992, 1171, 97-98.	2.4	26
33	The mouse Fgfrl1 gene coding for a novel FGF receptor-like protein. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2001, 1520, 247-250.	2.4	26
34	Fgfrl1, a fibroblast growth factor receptor-like gene, is found in the cephalochordate Branchiostoma floridae but not in the urochordate Ciona intestinalis. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2006, 145, 43-49.	0.7	25
35	Rapid Fusion and Syncytium Formation of Heterologous Cells upon Expression of the FGFRL1 Receptor. Journal of Biological Chemistry, 2010, 285, 37704-37715.	1.6	25
36	The FgfrL1 receptor is required for development of slow muscle fibers. Developmental Biology, 2014, 394, 228-241.	0.9	25

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37	Fish possess multiple copies of fgfrl1, the gene for a novel FGF receptor. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2005, 1727, 65-74.	2.4	23
38	Complete structure of the chicken alpha2(VI) collagen gene. FEBS Journal, 1991, 197, 177-184.	0.2	22
39	A Zyxin-Related Protein whose Synthesis is Reduced in Virally Transformed Fibroblasts. FEBS Journal, 1996, 241, 657-663.	0.2	22
40	Interaction of the receptor FGFRL1 with the negative regulator Spred1. Cellular Signalling, 2011, 23, 1496-1504.	1.7	20
41	Receptor FGFRL1 does not promote cell proliferation but induces cell adhesion. International Journal of Molecular Medicine, 2016, 38, 30-38.	1.8	18
42	Aberrant expression of FGFRL1, a novel FGF receptor, in ovarian tumors. International Journal of Molecular Medicine, 2005, 16, 1169-73.	1.8	17
43	Localization of the Gene for a Serine Protease with IGF-Binding Domain (PRSS11) to Human Chromosome 10q25.3â€“q26.2. Genomics, 1997, 45, 461-462.	1.3	16
44	DNA Methylation Accounts for the Inhibition of Collagen VI Expression in Transformed Fibroblasts. FEBS Journal, 1997, 249, 489-496.	0.2	16
45	Comparison of the Gene Expression Profiles from Normal and Fgfrl1 Deficient Mouse Kidneys Reveals Downstream Targets of Fgfrl1 Signaling. PLoS ONE, 2012, 7, e33457.	1.1	16
46	Comparison of the receptor FGFRL1 from sea urchins and humans illustrates evolution of a zinc binding motif in the intracellular domain. BMC Biochemistry, 2009, 10, 33.	4.4	15
47	The tissue form of chicken type VI collagen. FEBS Letters, 1987, 213, 319-323.	1.3	14
48	Molecular cloning of a novel ras-like protein from chicken. FEBS Letters, 1992, 306, 181-184.	1.3	13
49	Characterization of the chicken alpha1(VI) collagen promoter. FEBS Journal, 1992, 208, 769-774.	0.2	13
50	Differential expression of mRNAs for endopeptidases in phenotypically modulated (`dedifferentiated') human articular chondrocytes. FEBS Letters, 1997, 412, 453-455.	1.3	13
51	Targeted Disruption of the Intracellular Domain of Receptor FgfrL1 in Mice. PLoS ONE, 2014, 9, e105210.	1.1	13
52	Structural comparison of the chicken genes for alpha1(VI) and alpha2(VI) collagen. FEBS Journal, 1992, 205, 583-589.	0.2	12
53	Alternative Splicing of the First F3 Domain from Chicken Collagen XIV Affects Cell Adhesion and Heparin Binding. Journal of Biological Chemistry, 2001, 276, 9141-9148.	1.6	12
54	Identification of a MAFB mutation in a patient with multicentric carpotarsal osteolysis. Swiss Medical Weekly, 2017, 147, w14529.	0.8	12

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55	Expression of phosphoproteins and amelotin in teeth. International Journal of Molecular Medicine, 2007, 19, 49-54.	1.8	12
56	Molecular cloning of avian matrix Gla protein. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1998, 1395, 47-49.	2.4	11
57	Cellâ€“cell fusion induced by the Ig3 domain of receptor FGFRL1 in CHO cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 2273-2285.	1.9	11
58	Expression of FGFRL1, a novel fibroblast growth factor receptor, during embryonic development. International Journal of Molecular Medicine, 2006, 17, 617.	1.8	10
59	Evidence that the novel receptor FGFRL1 signals indirectly via FGFR1. International Journal of Molecular Medicine, 2013, 32, 983-988.	1.8	10
60	An alternative insert of three amino acids is incorporated into collagen XIV in a developmentally regulated fashion1. FEBS Letters, 1998, 438, 325-328.	1.3	9
61	Genome-wide comparison of FGFRL1 with structurally related surface receptors. Experimental and Therapeutic Medicine, 2010, 1, 161-168.	0.8	8
62	Receptor FGFRL1 acts as a tumor suppressor in nude mice when overexpressed in HEK 293 Tet-On cells. Oncology Letters, 2016, 12, 4524-4530.	0.8	8
63	Aberrant expression of FGFRL1, a novel FGF receptor, in ovarian tumors. International Journal of Molecular Medicine, 2005, 16, 1169.	1.8	7
64	Dissecting the Interaction of FGF8 with Receptor FGFRL1. Biomolecules, 2020, 10, 1399.	1.8	7
65	A novel transcription factor and two members of the Sp 1 multigene family regulate the activity of the Î±2 (VI) collagen promoter. Matrix Biology, 1995, 14, 653-663.	1.5	6
66	Expression of phosphoproteins and amelotin in teeth. International Journal of Molecular Medicine, 2007, , .	1.8	6
67	Deletion of exon 8 from the EXT1 gene causes multiple osteochondromas (MO) in a family with three affected members. SpringerPlus, 2016, 5, 71.	1.2	6
68	Functional domains of the FgfrL1 receptor. Developmental Biology, 2020, 461, 43-54.	0.9	6
69	Downâ€regulation of collagen XII in transformed mesenchymal cells. International Journal of Cancer, 1995, 60, 275-279.	2.3	5
70	Loss of type VI collagen in experimental and most spontaneous human fibrosarcomas. , 2000, 86, 331-336.		5
71	BSPRY, a novel protein of the Ro-Ret family. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2000, 1493, 255-258.	2.4	5
72	Evolution of the fusogenic activity of the receptor FGFRL1. Archives of Biochemistry and Biophysics, 2017, 625-626, 54-64.	1.4	5

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73	Tissue transglutaminase in mesenchymal tumour cells. Apoptosis: an International Journal on Programmed Cell Death, 1996, 1, 126-130.	2.2	4
74	Coincidence of NOD2-Associated Autoinflammatory Disease (Yao Syndrome) and HCV Infection With Fatal Consequences. Journal of Clinical Rheumatology, 2021, 27, S592-S594.	0.5	4
75	Expression and distribution of two alternatively spliced transcripts from the chicken Î±2(VI) collagen gene. Journal of Cellular Biochemistry, 1996, 63, 207-220.	1.2	3
76	A net-like structure with pores is observed during cell fusion induced by the receptor FGFRL1. Communicative and Integrative Biology, 2011, 4, 287-290.	0.6	3
77	Phylogenetic analysis of receptor FgfrL1 shows divergence of the C-terminal end in rodents. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2015, 186, 43-50.	0.7	3
78	Splicing defect of CD33 and inflammatory syndrome associated with occult bacterial infection. Journal of Allergy and Clinical Immunology, 2013, 132, 490-493.e2.	1.5	1
79	A Novel Mutation in theIL6RGene Identified in a Family with Asthma Patients. Genetic Testing and Molecular Biomarkers, 2020, 24, 658-664.	0.3	1