

Gerhard Wiche

List of Publications by Year in descending order

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200
papers

12,899
citations

16411

64
h-index

29081

104
g-index

204
all docs

204
docs citations

204
times ranked

7419
citing authors

#	ARTICLE	IF	CITATIONS
1	Plectin-mediated cytoskeletal crosstalk controls cell tension and cohesion in epithelial sheets. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	26
2	Plectin in Health and Disease. <i>Cells</i> , 2022, 11, 1412.	1.8	0
3	Plectin dysfunction in neurons leads to tau accumulation on microtubules affecting neuritogenesis, organelle trafficking, pain sensitivity and memory. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 73-95.	1.8	18
4	Plectin-related scapulo-peroneal myopathy with treatment-responsive myasthenic syndrome. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 352-356.	1.8	5
5	246th ENMC International Workshop: Protein aggregate myopathies 24-26 May 2019, Hoofddorp, The Netherlands. <i>Neuromuscular Disorders</i> , 2021, 31, 158-166.	0.3	5
6	Cytoskeleton Intermediate Filament Linker Proteins: Plectin and BPAG1. , 2021, , 200-219.		0
7	Plectin ensures intestinal epithelial integrity and protects colon against colitis. <i>Mucosal Immunology</i> , 2021, 14, 691-702.	2.7	18
8	Plectin-Mediated Intermediate Filament Functions: Why Isoforms Matter. <i>Cells</i> , 2021, 10, 2154.	1.8	17
9	Identifying Plectin Isoform Functions through Animal Models. <i>Cells</i> , 2021, 10, 2453.	1.8	8
10	The Diversity of Intermediate Filaments in Astrocytes. <i>Cells</i> , 2020, 9, 1604.	1.8	32
11	Plectin controls biliary tree architecture and stability in cholestasis. <i>Journal of Hepatology</i> , 2018, 68, 1006-1017.	1.8	21
12	An Organoruthenium Anticancer Agent Shows Unexpected Target Selectivity For Plectin. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8267-8271.	7.2	97
13	Innen-1/4cktitelbild: Ein Organoruthenium-tumorthapeutikum mit unerwartet hoher Selektivität für Plectin (Angew. Chem. 28/2017). <i>Angewandte Chemie</i> , 2017, 129, 8415-8415.	1.6	0
14	Ein Organoruthenium-tumorthapeutikum mit unerwartet hoher Selektivität für Plectin. <i>Angewandte Chemie</i> , 2017, 129, 8379-8383.	1.6	14
15	Functional and Genetic Analysis of Plectin in Skin and Muscle. <i>Methods in Enzymology</i> , 2016, 569, 235-259.	0.4	16
16	Schwann Cell Expressed Nogo-B Modulates Axonal Branching of Adult Sensory Neurons Through the Nogo-B Receptor NgBR. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 454.	1.8	14
17	Epiplakin attenuates experimental mouse liver injury by chaperoning keratin reorganization. <i>Journal of Hepatology</i> , 2015, 62, 1357-1366.	1.8	18
18	Plectin isoform 1-dependent nuclear docking of desmin networks affects myonuclear architecture and expression of mechanotransducers. <i>Human Molecular Genetics</i> , 2015, 24, 7373-7389.	1.4	38

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19	Determining the mechanical properties of plectin in mouse myoblasts and keratinocytes. <i>Experimental Cell Research</i> , 2015, 331, 331-337.	1.2	34
20	Keratins Stabilize Hemidesmosomes through Regulation of β 4-Integrin Turnover. <i>Journal of Investigative Dermatology</i> , 2015, 135, 1609-1620.	0.3	52
21	Molecular architecture and function of the hemidesmosome. <i>Cell and Tissue Research</i> , 2015, 360, 363-378.	1.5	130
22	Mutation in exon 1a of PLEC, leading to disruption of plectin isoform 1a, causes autosomal-recessive skin-only epidermolysis bullosa simplex. <i>Human Molecular Genetics</i> , 2015, 24, 3155-3162.	1.4	50
23	Networking and anchoring through plectin: a key to IF functionality and mechanotransduction. <i>Current Opinion in Cell Biology</i> , 2015, 32, 21-29.	2.6	89
24	Structural Insights into Ca^{2+} -Calmodulin Regulation of Plectin 1a-Integrin β 4 Interaction in Hemidesmosomes. <i>Structure</i> , 2015, 23, 558-570.	1.6	28
25	Molecular architecture and function of the hemidesmosome. <i>Cell and Tissue Research</i> , 2015, 360, 529-544.	1.5	140
26	In vivo characterization of human myofibrillar myopathy genes in zebrafish. <i>Biochemical and Biophysical Research Communications</i> , 2015, 461, 217-223.	1.0	27
27	Plectin reinforces vascular integrity by mediating vimentin-actin network crosstalk. <i>Journal of Cell Science</i> , 2015, 128, 4138-50.	1.2	60
28	The cytolinker plectin regulates nuclear mechanotransduction in keratinocytes. <i>Journal of Cell Science</i> , 2015, 128, 4475-86.	1.2	37
29	Plectin isoform P1b and P1d deficiencies differentially affect mitochondrial morphology and function in skeletal muscle. <i>Human Molecular Genetics</i> , 2015, 24, 4530-4544.	1.4	48
30	Plectin reinforces vascular integrity by mediating crosstalk between the vimentin and the actin networks. <i>Development (Cambridge)</i> , 2015, 142, e1.1-e1.1.	1.2	3
31	Epiplakin Deficiency Aggravates Murine Caerulein-Induced Acute Pancreatitis and Favors the Formation of Acinar Keratin Granules. <i>PLoS ONE</i> , 2014, 9, e108323.	1.1	9
32	Aciculin interacts with filamin C and Xin and is essential for myofibril assembly, remodeling and maintenance. <i>Journal of Cell Science</i> , 2014, 127, 3578-92.	1.2	51
33	Mechanosensing through focal adhesion-anchored intermediate filaments. <i>FASEB Journal</i> , 2014, 28, 715-729.	0.2	135
34	Neuromuscular synapse integrity requires linkage of acetylcholine receptors to postsynaptic intermediate filament networks via rapsyn-pectin complexes. <i>Molecular Biology of the Cell</i> , 2014, 25, 4130-4149.	0.9	34
35	Silencing GFAP isoforms in astrocytoma cells disturbs laminin-dependent motility and cell adhesion. <i>FASEB Journal</i> , 2014, 28, 2942-2954.	0.2	37
36	Vimentin intermediate filament and plectin provide a scaffold for invadopodia, facilitating cancer cell invasion and extravasation for metastasis. <i>European Journal of Cell Biology</i> , 2014, 93, 157-169.	1.6	88

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37	Chemical chaperone ameliorates pathological protein aggregation in plectin-deficient muscle. <i>Journal of Clinical Investigation</i> , 2014, 124, 1144-1157.	3.9	70
38	Linking cytoarchitecture to metabolism: sarcolemma-associated plectin affects glucose uptake by destabilizing microtubule networks in mdx myofibers. <i>Skeletal Muscle</i> , 2013, 3, 14.	1.9	24
39	Plectin intermediate filament partnership in skin, skeletal muscle, and peripheral nerve. <i>Histochemistry and Cell Biology</i> , 2013, 140, 33-53.	0.8	114
40	The many faces of plectin and plectinopathies: pathology and mechanisms. <i>Acta Neuropathologica</i> , 2013, 125, 77-93.	3.9	115
41	Intermediate filament-associated cytolinker plectin 1c destabilizes microtubules in keratinocytes. <i>Molecular Biology of the Cell</i> , 2013, 24, 768-784.	0.9	42
42	Stabilization of the dystroglycan complex in Cajal bands of myelinating Schwann cells through plectin-mediated anchorage to vimentin filaments. <i>Glia</i> , 2013, 61, 1274-1287.	2.5	27
43	Unexpected gain of function for the scaffolding protein plectin due to mislocalization in pancreatic cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19414-19419.	3.3	83
44	Intermediate Filament Linker Proteins: Plectin and BPAG1. , 2013, , 624-630.		0
45	Hedgehog Partial Agonism Drives Warburg-like Metabolism in Muscle and Brown Fat. <i>Cell</i> , 2012, 151, 414-426.	13.5	237
46	Fused in sarcoma (FUS) interacts with the cytolinker protein plectin: Implications for FUS subcellular localization and function. <i>Experimental Cell Research</i> , 2012, 318, 653-661.	1.2	9
47	Plectin isoforms as organizers of intermediate filament cytoarchitecture. <i>Bioarchitecture</i> , 2011, 1, 14-20.	1.5	94
48	Targeted Proteolysis of Plectin Isoform 1a Accounts for Hemidesmosome Dysfunction in Mice Mimicking the Dominant Skin Blistering Disease EBS-Ogna. <i>PLoS Genetics</i> , 2011, 7, e1002396.	1.5	55
49	BPAG1 isoform-b: Complex distribution pattern in striated and heart muscle and association with plectin and β -actinin. <i>Experimental Cell Research</i> , 2010, 316, 297-313.	1.2	25
50	Trichoplein/mitostatin regulates endoplasmic reticulum mitochondria juxtaposition. <i>EMBO Reports</i> , 2010, 11, 854-860.	2.0	114
51	Keeping the Vimentin Network under Control: Cell Matrix Adhesion-associated Plectin 1f Affects Cell Shape and Polarity of Fibroblasts. <i>Molecular Biology of the Cell</i> , 2010, 21, 3362-3375.	0.9	107
52	Plectin Gene Defects Lead to Various Forms of Epidermolysis Bullosa Simplex. <i>Dermatologic Clinics</i> , 2010, 28, 33-41.	1.0	49
53	Plectin Isoform-dependent Regulation of Keratin-Integrin $\beta 4$ Anchorage via Ca^{2+} /Calmodulin. <i>Journal of Biological Chemistry</i> , 2009, 284, 18525-18536.	1.6	44
54	Plectin contributes to mechanical properties of living cells. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 296, C868-C877.	2.1	45

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55	Targeted Inactivation of a Developmentally Regulated Neural Plectin Isoform (Plectin 1c) in Mice Leads to Reduced Motor Nerve Conduction Velocity. <i>Journal of Biological Chemistry</i> , 2009, 284, 26502-26509.	1.6	31
56	5â€² Trans-Splicing Repair of the PLEC1 Gene. <i>Journal of Investigative Dermatology</i> , 2008, 128, 568-574.	0.3	64
57	Plectin deficiency affects precursor formation and dynamics of vimentin networks. <i>Experimental Cell Research</i> , 2008, 314, 3570-3580.	1.2	36
58	Plectin isoform 1b mediates mitochondrionâ€™intermediate filament network linkage and controls organelle shape. <i>Journal of Cell Biology</i> , 2008, 181, 903-911.	2.3	107
59	TorsinA binds the KASH domain of nesprins and participates in linkage between nuclear envelope and cytoskeleton. <i>Journal of Cell Science</i> , 2008, 121, 3476-3486.	1.2	159
60	Chapter 10 High-Pressure Freezing and Low-Temperature Fixation of Cell Monolayers Grown on Sapphire Coverslips. <i>Methods in Cell Biology</i> , 2008, 88, 165-180.	0.5	25
61	Stress-induced recruitment of epiplakin to keratin networks increases their resistance to hyperphosphorylation-induced disruption. <i>Journal of Cell Science</i> , 2008, 121, 825-833.	1.2	21
62	Myofiber integrity depends on desmin network targeting to Z-disks and costameres via distinct plectin isoforms. <i>Journal of Cell Biology</i> , 2008, 181, 667-681.	2.3	138
63	Rapid Microwave Fixation of Cell Monolayers Preserves Microtubule-associated Cell Structures. <i>Journal of Histochemistry and Cytochemistry</i> , 2008, 56, 697-709.	1.3	15
64	Muscular Integrityâ€™A Matter of Interlinking Distinct Structures via Plectin. <i>Advances in Experimental Medicine and Biology</i> , 2008, 642, 165-175.	0.8	17
65	Plectin 1f scaffolding at the sarcolemma of dystrophic (mdx) muscle fibers through multiple interactions with Î²-dystroglycan. <i>Journal of Cell Biology</i> , 2007, 176, 965-977.	2.3	138
66	Oxidation and Nitrosylation of Cysteines Proximal to the Intermediate Filament (IF)-binding Site of Plectin. <i>Journal of Biological Chemistry</i> , 2007, 282, 8175-8187.	1.6	39
67	Conditional targeting of plectin in prenatal and adult mouse stratified epithelia causes keratinocyte fragility and lesional epidermal barrier defects. <i>Journal of Cell Science</i> , 2007, 120, 2435-2443.	1.2	48
68	Plectin defects in epidermolysis bullosa simplex with muscular dystrophy. <i>Muscle and Nerve</i> , 2007, 35, 24-35.	1.0	60
69	Ferritin associates with marginal band microtubules. <i>Experimental Cell Research</i> , 2007, 313, 1602-1614.	1.2	11
70	Plectin Regulates the Organization of Glial Fibrillary Acidic Protein in Alexander Disease. <i>American Journal of Pathology</i> , 2006, 168, 888-897.	1.9	68
71	Plectin-controlled keratin cytoarchitecture affects MAP kinases involved in cellular stress response and migration. <i>Journal of Cell Biology</i> , 2006, 174, 557-568.	2.3	144
72	Plectin scaffolds recruit energy-controlling AMP-activated protein kinase (AMPK) in differentiated myofibres. <i>Journal of Cell Science</i> , 2006, 119, 1864-1875.	1.2	59

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73	Epiplakin Is Dispensable for Skin Barrier Function and for Integrity of Keratin Network Cytoarchitecture in Simple and Stratified Epithelia. <i>Molecular and Cellular Biology</i> , 2006, 26, 559-568.	1.1	28
74	Plectin Rodless Isoform Expression and Its Detection in Mouse Brain. <i>Cellular and Molecular Neurobiology</i> , 2005, 25, 1141-1150.	1.7	12
75	Targeted ablation of plectin isoform 1 uncovers role of cytolinker proteins in leukocyte recruitment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18449-18454.	3.3	47
76	Overlap of the gene encoding the novel poly(ADP-ribose) polymerase Parp10 with the plectin 1 gene and common use of exon sequences. <i>Genomics</i> , 2005, 86, 38-46.	1.3	6
77	Plectin-RACK1 (Receptor for Activated C Kinase 1) Scaffolding. <i>Journal of Biological Chemistry</i> , 2004, 279, 18701-18710.	1.6	102
78	Life-long Course and Molecular Characterization of the Original Dutch Family with Epidermolysis Bullosa Simplex with Muscular Dystrophy due to a Homozygous Novel Plectin Point Mutation. <i>Acta Dermato-Venereologica</i> , 2004, 84, 124-131.	0.6	16
79	Actin-binding domain of mouse plectin. Crystal structure and binding to vimentin. <i>FEBS Journal</i> , 2004, 271, 1873-1884.	0.2	55
80	High-pressure freezing of epithelial cells on sapphire coverslips. <i>Journal of Microscopy</i> , 2004, 213, 81-85.	0.8	40
81	High-pressure cryoimmobilization of murine skin reveals novel structural features and prevents extraction artifacts. <i>Experimental Dermatology</i> , 2004, 13, 419-425.	1.4	16
82	Severe mucous membrane involvement in epidermolysis bullosa simplex with muscular dystrophy due to a novel plectin gene mutation. <i>European Journal of Pediatrics</i> , 2004, 163, 218-222.	1.3	23
83	Plectin. <i>Methods in Cell Biology</i> , 2004, 78, 721-755.	0.5	32
84	Intermediate Filament Linker Proteins: Plectin and BPAG1. , 2004, , 452-457.		0
85	Plectin. <i>Methods in Cell Biology</i> , 2004, 78, 721-55.	0.5	19
86	Cryofixation of epithelial cells grown on sapphire coverslips by impact freezing. <i>Journal of Microscopy</i> , 2003, 209, 76-80.	0.8	5
87	Plectin-Isoform-Specific Rescue of Hemidesmosomal Defects in Plectin (â€“/â€“) Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2003, 120, 189-197.	0.3	90
88	Epiplakin Gene Analysis in Mouse Reveals a Single Exon Encoding a 725-kDa Protein with Expression Restricted to Epithelial Tissues. <i>Journal of Biological Chemistry</i> , 2003, 278, 31657-31666.	1.6	33
89	Plectin 5'-transcript diversity: short alternative sequences determine stability of gene products, initiation of translation and subcellular localization of isoforms. <i>Human Molecular Genetics</i> , 2003, 12, 3181-3194.	1.4	97
90	A binding motif for Siah ubiquitin ligase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 3101-3106.	3.3	126

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91	New Insights into the Ultrastructure of Murine Skin by High-Pressure Freezing Followed by Freeze-Substitution. <i>Microscopy and Microanalysis</i> , 2003, 9, 386-387.	0.2	0
92	Disorganization of the Desmin Cytoskeleton and Mitochondrial Dysfunction in Plectin-Related Epidermolysis Bullosa Simplex with Muscular Dystrophy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2002, 61, 520-530.	0.9	96
93	FIP-2, an Î²-Kinase-Î³-Related Protein, Is Associated with the Golgi Apparatus and Translocates to the Marginal Band during Chicken Erythroblast Differentiation. <i>Experimental Cell Research</i> , 2002, 278, 133-145.	1.2	21
94	Direct binding of plectin to Fer kinase and negative regulation of its catalytic activity. <i>Biochemical and Biophysical Research Communications</i> , 2002, 296, 904-910.	1.0	41
95	Microtubule-Associated Protein 1A (MAP1A) and MAP1B: Light Chains Determine Distinct Functional Properties. <i>Journal of Neuroscience</i> , 2002, 22, 2106-2114.	1.7	97
96	Plectin-like proteins are present in cells of <i>Chlamydomonas eugametos</i> (Volvocales). <i>Folia Microbiologica</i> , 2002, 47, 535-539.	1.1	1
97	A Site-Specific Plectin Mutation Causes Dominant Epidermolysis Bullosa Simplex Oigna: Two Identical De Novo Mutations. <i>Journal of Investigative Dermatology</i> , 2002, 118, 87-93.	0.3	110
98	Purification, crystallization and preliminary X-ray analysis of the plectin actin-binding domain. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002, 58, 1368-1370.	2.5	6
99	Primary longitudinal adhesion structures: plectin-containing precursors of costameres in differentiating human skeletal muscle cells. <i>Histochemistry and Cell Biology</i> , 2002, 118, 301-310.	0.8	17
100	A Compound Heterozygous One Amino-Acid Insertion/Nonsense Mutation in the Plectin Gene Causes Epidermolysis Bullosa Simplex with Plectin Deficiency. <i>American Journal of Pathology</i> , 2001, 158, 617-625.	1.9	51
101	Plectin repeats and modules: strategic cysteines and their presumed impact on cytolinker functions. <i>BioEssays</i> , 2001, 23, 1064-1069.	1.2	35
102	Epidermolysis Bullosa Simplex Associated with Severe Mucous Membrane Involvement and Novel Mutations in the Plectin Gene. <i>Journal of Investigative Dermatology</i> , 2000, 114, 376-380.	0.3	39
103	Differences in the distribution of synemin, paranemin, and plectin in skeletal muscles of wild-type and desmin knock-out mice. <i>Histochemistry and Cell Biology</i> , 2000, 114, 39-47.	0.8	64
104	Identification of the Cytolinker Plectin as a Major Early In Vivo Substrate for Caspase 8 during CD95- and Tumor Necrosis Factor Receptor-Mediated Apoptosis. <i>Molecular and Cellular Biology</i> , 2000, 20, 5665-5679.	1.1	144
105	Map1b Is Required for Axon Guidance and Is Involved in the Development of the Central and Peripheral Nervous System. <i>Journal of Cell Biology</i> , 2000, 151, 1169-1178.	2.3	182
106	Dose-dependent linkage, assembly inhibition and disassembly of vimentin and cytokeratin 5/14 filaments through plectin's intermediate filament-binding domain. <i>Journal of Cell Science</i> , 2000, 113, 483-491.	1.2	64
107	Dose-dependent linkage, assembly inhibition and disassembly of vimentin and cytokeratin 5/14 filaments through plectin's intermediate filament-binding domain. <i>Journal of Cell Science</i> , 2000, 113 (Pt 3), 483-91.	1.2	26
108	Unusual 5' Transcript Complexity of Plectin Isoforms: Novel Tissue-Specific Exons Modulate Actin Binding Activity. <i>Human Molecular Genetics</i> , 1999, 8, 2461-2472.	1.4	145

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109	Plectin: A Cytolinker by Design. <i>Biological Chemistry</i> , 1999, 380, 151-158.	1.2	73
110	Crystal structure of a tandem pair of fibronectin type III domains from the cytoplasmic tail of integrin alpha 6beta 4. <i>EMBO Journal</i> , 1999, 18, 4087-4095.	3.5	57
111	Expression of plectin and HD1 epitopes in patients with epidermolysis bullosa simplex associated with muscular dystrophy. <i>Archives of Dermatological Research</i> , 1999, 291, 531-537.	1.1	18
112	Conserved domains and lack of evidence for polyglutamine length polymorphism in the chicken homolog of the Machado-Joseph disease gene product ataxin-3. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1999, 1444, 299-305.	2.4	5
113	Analysis of the mouse MAP1B gene identifies a highly conserved 4.3 kb 3' untranslated region and provides evidence against the proposed structure of DBI-1 cDNA. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1999, 1445, 345-350.	2.4	8
114	A 45 amino acid residue domain necessary and sufficient for proteolytic cleavage of the MAP1B polyprotein precursor. <i>FEBS Letters</i> , 1999, 451, 15-18.	1.3	15
115	Association of Mitochondria with Plectin and Desmin Intermediate Filaments in Striated Muscle. <i>Experimental Cell Research</i> , 1999, 252, 479-491.	1.2	139
116	Evidence against structural and functional identity of microtubule-associated protein 1B and proteoglycan claustrin. <i>FEBS Letters</i> , 1998, 423, 254-258.	1.3	10
117	The Mouse and Rat MAP1B Genes: Genomic Organization and Alternative Transcription. <i>Genomics</i> , 1998, 49, 430-436.	1.3	38
118	Linking Integrin $\alpha 6 \beta 4$ -based Cell Adhesion to the Intermediate Filament Cytoskeleton: Direct Interaction between the $\beta 4$ Subunit and Plectin at Multiple Molecular Sites. <i>Journal of Cell Biology</i> , 1998, 141, 209-225.	2.3	235
119	Novel Features of the Light Chain of Microtubule-associated Protein MAP1B: Microtubule Stabilization, Self Interaction, Actin Filament Binding, and Regulation by the Heavy Chain. <i>Journal of Cell Biology</i> , 1998, 143, 695-707.	2.3	148
120	Not just scaffolding: plectin regulates actin dynamics in cultured cells. <i>Genes and Development</i> , 1998, 12, 3442-3451.	2.7	186
121	Domain Structure and Transcript Diversity of Plectin. <i>Biological Bulletin</i> , 1998, 194, 381-383.	0.7	8
122	Role of plectin in cytoskeleton organization and dynamics. <i>Journal of Cell Science</i> , 1998, 111, 2477-2486.	1.2	352
123	Role of plectin in cytoskeleton organization and dynamics. <i>Journal of Cell Science</i> , 1998, 111 (Pt 17), 2477-86.	1.2	117
124	Targeted inactivation of plectin reveals essential function in maintaining the integrity of skin, muscle, and heart cytoarchitecture. <i>Genes and Development</i> , 1997, 11, 3143-3156.	2.7	302
125	Plectin Transcript Diversity: Identification and Tissue Distribution of Variants with Distinct First Coding Exons and Rodless Isoforms. <i>Genomics</i> , 1997, 42, 115-125.	1.3	111
126	Plectin abnormality in epidermolysis bullosa simplex Onga: non-responsiveness of basal keratinocytes to some anti-rat plectin antibodies. <i>Experimental Dermatology</i> , 1997, 6, 41-48.	1.4	33

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127	Recessive epidermolysis bullosa simplex associated with plectin mutations: infantile respiratory complications in two unrelated cases. <i>British Journal of Dermatology</i> , 1997, 137, 898-906.	1.4	25
128	Recessive epidermolysis bullosa simplex associated with plectin mutations: infantile respiratory complications in two unrelated cases. <i>British Journal of Dermatology</i> , 1997, 137, 898-906.	1.4	43
129	Polarisation-dependent association of plectin with desmoplakin and the lateral submembrane skeleton in MDCK cells. <i>Journal of Cell Science</i> , 1997, 110, 1307-1316.	1.2	74
130	Polarisation-dependent association of plectin with desmoplakin and the lateral submembrane skeleton in MDCK cells. <i>Journal of Cell Science</i> , 1997, 110 (Pt 11), 1307-16.	1.2	25
131	Recessive epidermolysis bullosa simplex associated with plectin mutations: infantile respiratory complications in two unrelated cases. <i>British Journal of Dermatology</i> , 1997, 137, 898-906.	1.4	10
132	Immunogold Localisation of the Intermediate Chain within the Protein Complex of Cytoplasmic Dynein. <i>Journal of Structural Biology</i> , 1996, 117, 227-235.	1.3	59
133	Human plectin: organization of the gene, sequence analysis, and chromosome localization (8q24).. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 4278-4283.	3.3	131
134	Plectin deficiency results in muscular dystrophy with epidermolysis bullosa. <i>Nature Genetics</i> , 1996, 13, 450-457.	9.4	394
135	Basic amino acid residue cluster within nuclear targeting sequence motif is essential for cytoplasmic plectin-vimentin network junctions.. <i>Journal of Cell Biology</i> , 1996, 134, 1455-1467.	2.3	166
136	Identification of Plectin as a Substrate of p34 Kinase and Mapping of a Single Phosphorylation Site. <i>Journal of Biological Chemistry</i> , 1996, 271, 8203-8208.	1.6	36
137	M-phase-specific phosphorylation and structural rearrangement of the cytoplasmic cross-linking protein plectin involve p34cdc2 kinase.. <i>Molecular Biology of the Cell</i> , 1996, 7, 273-288.	0.9	51
138	Defective expression of plectin/HD1 in epidermolysis bullosa simplex with muscular dystrophy.. <i>Journal of Clinical Investigation</i> , 1996, 97, 2289-2298.	3.9	215
139	Perinuclear distribution of plectin characterizes visceral epithelial cells of rat glomeruli. <i>American Journal of Pathology</i> , 1996, 149, 319-27.	1.9	14
140	Distribution and Ultrastructure of Plectin Arrays in Subclones of Rat Glioma C6 Cells Differing in Intermediate Filament Protein (Vimentin) Expression. <i>Journal of Structural Biology</i> , 1995, 115, 304-317.	1.3	60
141	Distribution of plectin, an intermediate filament-associated protein, in the adult rat central nervous system. <i>Journal of Neuroscience Research</i> , 1994, 37, 515-528.	1.3	67
142	A panel of monoclonal antibodies to rat plectin: Distinction by epitope mapping and immunoreactivity with different tissues and cell lines. <i>Acta Histochemica</i> , 1994, 96, 421-438.	0.9	47
143	Expression of plectin mutant cDNA in cultured cells indicates a role of COOH-terminal domain in intermediate filament association.. <i>Journal of Cell Biology</i> , 1993, 121, 607-619.	2.3	119
144	Immunolocalization of the intermediate filament-associated protein plectin at focal contacts and actin stress fibers. <i>European Journal of Cell Biology</i> , 1992, 59, 138-47.	1.6	97

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145	Identification of two distinct microtubule binding domains on recombinant rat MAP 1B. <i>European Journal of Cell Biology</i> , 1992, 57, 66-74.	1.6	52
146	Intermediate filament-associated proteins. <i>Current Opinion in Cell Biology</i> , 1991, 3, 75-81.	2.6	107
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