

Eva Engvall

List of Publications by Year in descending order

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90
papers

14,404
citations

36303

51
h-index

54911

84
g-index

90
all docs

90
docs citations

90
times ranked

7359
citing authors

#	ARTICLE	IF	CITATIONS
1	Enzyme-linked immunosorbent assay (ELISA) quantitative assay of immunoglobulin G. <i>Immunochemistry</i> , 1971, 8, 871-874.	1.2	3,471
2	Binding of soluble form of fibroblast surface protein, fibronectin, to collagen. <i>International Journal of Cancer</i> , 1977, 20, 1-5.	5.1	1,953
3	[28] Enzyme immunoassay ELISA and EMIT. <i>Methods in Enzymology</i> , 1980, 70, 419-439.	1.0	905
4	Fibronectin: current concepts of its structure and functions. <i>Collagen and Related Research</i> , 1980, 1, 95-128.	2.0	701
5	[46] Fibronectin: Purification, immunochemical properties, and biological activities. <i>Methods in Enzymology</i> , 1982, 82 Pt A, 803-831.	1.0	504
6	Enzyme-linked immunosorbent assay. II. Quantitative assay of protein antigen, immunoglobulin g, by means of enzyme-labelled antigen and antibody-coated tubes. <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , 1971, 251, 427-434.	1.7	391
7	Mutations in the integrin $\beta 7$ gene cause congenital myopathy. <i>Nature Genetics</i> , 1998, 19, 94-97.	21.4	355
8	Murine muscular dystrophy caused by a mutation in the laminin $\beta 2$ (Lama2) gene. <i>Nature Genetics</i> , 1994, 8, 297-302.	21.4	344
9	A Novel, Secreted Form of Human ADAM 12 (Meltrin β) Provokes Myogenesis in Vivo. <i>Journal of Biological Chemistry</i> , 1998, 273, 157-166.	3.4	292
10	Basement membrane glycoprotein laminin binds to heparin. <i>FEBS Letters</i> , 1980, 116, 243-246.	2.8	281
11	Complexing of fibronectin glycosaminoglycans and collagen. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1980, 631, 350-358.	2.4	222
12	An agrin minigene rescues dystrophic symptoms in a mouse model for congenital muscular dystrophy. <i>Nature</i> , 2001, 413, 302-307.	27.8	222
13	Neurite-promoting factors and extracellular matrix components accumulating in vivo within nerve regeneration chambers. <i>Brain Research</i> , 1984, 309, 105-117.	2.2	220
14	BAG3 Deficiency Results in Fulminant Myopathy and Early Lethality. <i>American Journal of Pathology</i> , 2006, 169, 761-773.	3.8	219
15	Two-site sandwich enzyme immunoassay with monoclonal antibodies to human alpha-fetoprotein. <i>Journal of Immunological Methods</i> , 1981, 42, 11-15.	1.4	187
16	Human ADAM 12 (Meltrin β) Is an Active Metalloprotease. <i>Journal of Biological Chemistry</i> , 1998, 273, 16993-16997.	3.4	178
17	Abnormal localization of laminin subunits in muscular dystrophies. <i>Journal of the Neurological Sciences</i> , 1993, 119, 53-64.	0.6	159
18	Domains of laminin. <i>Journal of Cellular Biochemistry</i> , 1996, 61, 493-501.	2.6	154

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19	Functional Classification of ADAMs Based on a Conserved Motif for Binding to Integrin $\alpha 9 \beta 1$. Journal of Biological Chemistry, 2002, 277, 17804-17810.	3.4	142
20	Binding of ADAM12, a Marker of Skeletal Muscle Regeneration, to the Muscle-specific Actin-binding Protein, β -Actinin-2, Is Required for Myoblast Fusion. Journal of Biological Chemistry, 2000, 275, 13933-13939.	3.4	133
21	Developmental changes in carbohydrate moiety of human alpha-fetoprotein. International Journal of Cancer, 1978, 22, 515-520.	5.1	121
22	Laminin-like antigen in rat CNS neurons: Distribution and changes upon brain injury and nerve growth factor treatment. Neuron, 1989, 3, 721-732.	8.1	120
23	Laminin variants: Why, where and when?. Kidney International, 1993, 43, 2-6.	5.2	119
24	Basement membrane diversity detected by monoclonal antibodies. Differentiation, 1984, 26, 49-54.	1.9	115
25	Laminin from rat yolk sac tumor: Isolation, partial characterization, and comparison with mouse laminin. Archives of Biochemistry and Biophysics, 1983, 222, 649-656.	3.0	111
26	Interrelationships of human chorionic gonadotropin, human placental lactogen, and pregnancy-specific β 1-glycoprotein throughout normal human gestation. American Journal of Obstetrics and Gynecology, 1980, 138, 1205-1213.	1.3	110
27	Differential expression of laminin isoforms and $\alpha 6 \beta 4$ integrin subunits in the developing human and mouse intestine. Developmental Dynamics, 1994, 201, 71-85.	1.8	108
28	IMMUNOCHEMICAL AND COLLAGEN-BINDING PROPERTIES OF FIBRONECTIN. Annals of the New York Academy of Sciences, 1978, 312, 178-191.	3.8	107
29	Interaction of fibronectin with antibodies and collagen in radioimmunoassay. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1978, 534, 210-218.	1.7	100
30	Canine and feline models of human inherited muscle diseases. Neuromuscular Disorders, 2005, 15, 127-138.	0.6	97
31	Detection of trophoblastic tumour activity by pregnancy-specific beta-1-glycoprotein. International Journal of Cancer, 1978, 21, 265-267.	5.1	93
32	Merosin promotes cell attachment and neurite outgrowth and is a component of the neurite-promoting factor of RN22 schwannoma cells. Experimental Cell Research, 1992, 198, 115-123.	2.6	93
33	Substratum-binding neurite-promoting factors: relationships to laminin. Trends in Neurosciences, 1985, 8, 528-532.	8.6	88
34	Sarcoglycan Isoforms in Skeletal Muscle. Journal of Biological Chemistry, 1999, 274, 38171-38176.	3.4	86
35	The new frontier in muscular dystrophy research: booster genes. FASEB Journal, 2003, 17, 1579-1584.	0.5	85
36	Laminins of the adult mammalian CNS; laminin $\alpha 2$ (merosin M-) chain immunoreactivity is associated with neuronal processes. Brain Research, 1997, 764, 17-27.	2.2	76

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37	The ELISA, Enzyme-Linked Immunosorbent Assay. <i>Clinical Chemistry</i> , 2010, 56, 319-320.	3.2	74
38	Merosin/laminin-2 and muscular dystrophy. <i>Neuromuscular Disorders</i> , 1996, 6, 409-418.	0.6	72
39	Molecular Cloning of the cDNA Encoding Human Laminin A Chain. <i>Matrix Biology</i> , 1991, 11, 151-160.	1.7	67
40	Elimination of Myostatin Does Not Combat Muscular Dystrophy in dy Mice but Increases Postnatal Lethality. <i>American Journal of Pathology</i> , 2005, 166, 491-497.	3.8	66
41	Nonhelical, fibronectin-binding basement-membrane collagen from endodermal cell culture. <i>Cell</i> , 1982, 29, 475-482.	28.9	65
42	The neurite-promoting domain of human laminin promotes attachment and induces characteristic morphology in non-neuronal cells. <i>Experimental Cell Research</i> , 1988, 177, 186-198.	2.6	65
43	Muscular dystrophies and other inherited myopathies. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2002, 32, 103-124.	1.5	63
44	ADAM12 Alleviates the Skeletal Muscle Pathology in mdx Dystrophic Mice. <i>American Journal of Pathology</i> , 2002, 161, 1535-1540.	3.8	61
45	Integrin $\alpha 7 \beta 1$ in Muscular Dystrophy/Myopathy of Unknown Etiology. <i>American Journal of Pathology</i> , 2002, 160, 2135-2143.	3.8	59
46	Compensation for dystrophin-deficiency: ADAM12 overexpression in skeletal muscle results in increased $\alpha 7$ integrin, utrophin and associated glycoproteins. <i>Human Molecular Genetics</i> , 2003, 12, 2467-2479.	2.9	59
47	Laminin $\alpha 2$ chain-like antigens in CNS dendritic spines. <i>Brain Research</i> , 1997, 764, 28-38.	2.2	58
48	Expression of $\alpha 24$ Integrins in Human Skin: Comparison of Epidermal Distribution with $\alpha 21$ -Integrin Epitopes, and Modulation by Calcium and Vitamin D3 in Cultured Keratinocytes. <i>Journal of Investigative Dermatology</i> , 1991, 97, 562-567.	0.7	56
49	Laminin $\alpha 2$ (merosin)-deficient muscular dystrophy and demyelinating neuropathy in two cats. <i>Journal of the Neurological Sciences</i> , 2001, 189, 37-43.	0.6	56
50	Effect of dextran sulfate on fibronectin-collagen interaction. <i>FEBS Letters</i> , 1979, 107, 51-54.	2.8	55
51	Disruption of the $\alpha 2$ Gene in Embryonic Stem Cells: Laminin $\alpha 2$ Is Necessary for Sustenance of Mature Muscle Cells. <i>Experimental Cell Research</i> , 1998, 241, 117-125.	2.6	55
52	Dystrophin-Deficient Muscular Dystrophy in a Labrador Retriever. <i>Journal of the American Animal Hospital Association</i> , 2002, 38, 255-261.	1.1	50
53	Monoclonal antibodies to human α -fetoprotein. <i>Molecular Immunology</i> , 1980, 17, 791-794.	2.2	47
54	Muscular dystrophy with truncated dystrophin in a family of Japanese Spitz dogs. <i>Journal of the Neurological Sciences</i> , 2004, 217, 143-149.	0.6	45

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55	Muscular Dystrophy in female Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2001, 15, 240-244.	1.6	41
56	Association of laminin with heparan and chondroitin sulfate-bearing proteoglycans in neurite-promoting factor complexes from rat schwannoma cells. <i>Neurochemical Research</i> , 1987, 12, 909-921.	3.3	40
57	Human amnion membrane as a substratum for cultured peripheral and central nervous system neurons. <i>Developmental Brain Research</i> , 1987, 33, 1-10.	1.7	39
58	Skeletal muscle cell hypertrophy induced by inhibitors of metalloproteases; myostatin as a potential mediator. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 281, C1624-C1634.	4.6	37
59	Muscular dystrophy associated with Î±-dystroglycan deficiency in Sphynx and Devon Rex cats. <i>Neuromuscular Disorders</i> , 2008, 18, 942-952.	0.6	36
60	Rat amnion membrane matrix as a substratum for regenerating axons from peripheral and central neurons: effects in a silicone chamber model. <i>Developmental Brain Research</i> , 1988, 39, 39-50.	1.7	31
61	[5] Laminins. <i>Methods in Enzymology</i> , 1994, 245, 85-104.	1.0	30
62	Muscle regeneration, inflammation, and connective tissue expansion in canine inflammatory myopathy. <i>Muscle and Nerve</i> , 2005, 31, 192-198.	2.2	29
63	The specific detection of collagenous proteins after electrophoresis using enzyme-conjugated collagen-binding fibronectin fragments. <i>Analytical Biochemistry</i> , 1982, 123, 329-335.	2.4	27
64	Cell Adhesive, Protein Binding, and Antigenic Properties of Laminin. <i>Collagen and Related Research</i> , 1983, 3, 359-369.	2.0	26
65	Affinity Chromatography of Collagen on Collagen-Binding Fragments of Fibronectin. <i>Collagen and Related Research</i> , 1981, 1, 505-516.	2.0	25
66	Mouse Adhalin: Primary Structure and Expression during Late Stages of Muscle Differentiation in Vitro. <i>Biochemical and Biophysical Research Communications</i> , 1997, 235, 227-235.	2.1	25
67	Sodium butyrate produces concordant expression of ðœearly placentalðœ alkaline phosphatase, pregnancy-specific beta1-glycoprotein and human chorionic gonadotropin beta-subunit in a newly established uterine cervical cancer cell line (SKG-IIIa). <i>International Journal of Cancer</i> , 1983, 32, 267-272.	5.1	23
68	Ectopic Production of Pregnancy-Specific Î²1-Glycoprotein by a Nontrophoblastic Tumor in Vitro*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1980, 50, 234-239.	3.6	22
69	An irreversible tissue inhibitor of collagenase in human amniotic fluid: Characterization and separation from fibronectin. <i>Biochemical and Biophysical Research Communications</i> , 1981, 100, 1195-1201.	2.1	22
70	Molecular and Biological Interactions of Fibronectin.. <i>Journal of Investigative Dermatology</i> , 1982, 79, 65s-68s.	0.7	22
71	Clonal tumorigenic endodermal cell lines producing basement membrane components. <i>Experimental Cell Research</i> , 1984, 150, 258-267.	2.6	20
72	Molecular and Biological Interactions of Fibronectin. <i>Journal of Investigative Dermatology</i> , 1982, 79, 65-68.	0.7	19

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73	Evaluation of commercial dysferlin antibodies on canine, mouse and human skeletal muscle. <i>Neuromuscular Disorders</i> , 2010, 20, 820-825.	0.6	18
74	Sarcolemma-specific autoantibodies in canine inflammatory myopathy. <i>Veterinary Immunology and Immunopathology</i> , 2006, 113, 1-10.	1.2	17
75	Origin of laminin in the extracellular matrix of human tumor xenografts in nude mice. <i>Vigiliae Christianae</i> , 1985, 49, 45-52.	0.1	16
76	Detection of circulating tumor antigens. <i>Cancer</i> , 1977, 40, 458-466.	4.1	14
77	Trophoblastic disease monitoring: Evaluation of pregnancy-specific $\hat{2}^1$ -glycoprotein. <i>American Journal of Obstetrics and Gynecology</i> , 1980, 138, 313-320.	1.3	14
78	Identification of homozygous and heterozygous dy 2J mice by PCR. <i>Neuromuscular Disorders</i> , 2000, 10, 59-62.	0.6	13
79	ADAM12 overexpression does not improve outcome in mice with laminin $\hat{1}\pm 2$ -deficient muscular dystrophy. <i>Neuromuscular Disorders</i> , 2005, 15, 786-789.	0.6	13
80	ADAM12. , 2005, , 123-146.		12
81	Binding of fibronectin to actin is inhibited by gelatin. <i>Biochemical and Biophysical Research Communications</i> , 1981, 100, 1515-1522.	2.1	11
82	Immunochemical Properties of Alpha-Fetoprotein (AFP) and Antibodies to Autologous AFP. <i>Immunological Investigations</i> , 1978, 7, 209-222.	0.8	10
83	Fibronectin. , 1980, , 485-505.		6
84	[1] Radioimmunoassay of $\hat{1}\pm$ -fetoprotein with polyclonal and monoclonal antibodies. <i>Methods in Enzymology</i> , 1982, 84, 3-19.	1.0	5
85	Enzyme-Linked Immunosorbent Assay, ELISA. , 1977, , 87-96.		3
86	Monoclonal antibodies in immunoassays. <i>Clinical Immunology Newsletter</i> , 1982, 3, 139-142.	0.1	1
87	Peter Perlmann 1919-2005. <i>Scandinavian Journal of Immunology</i> , 2006, 63, 487-489.	2.7	1
88	Placental Proteins as Tumor Markers. , 1982, , 275-301.		1
89	Type VI Collagen: Studies on Its Localization, Structure, and Biosynthetic Form with Monoclonal Antibodies. <i>Annals of the New York Academy of Sciences</i> , 1985, 460, 429-430.	3.8	0
90	Application of Enzyme-Linked Immunosorbent Assays to Parasitic Diseases. , 1977, , 111-117.		0