

Richard P Tucker

List of Publications by Year in descending order

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83
papers

4,314
citations

147801
31
h-index

110387
64
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83
all docs

83
docs citations

83
times ranked

4582
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective localization of messenger RNA for cytoskeletal protein MAP2 in dendrites. <i>Nature</i> , 1988, 336, 674-677.	27.8	529
2	The thrombospondin type 1 repeat (TSR) superfamily: Diverse proteins with related roles in neuronal development. <i>Developmental Dynamics</i> , 2000, 218, 280-299.	1.8	298
3	The Evolution of Extracellular Matrix. <i>Molecular Biology of the Cell</i> , 2010, 21, 4300-4305.	2.1	296
4	Tenascin-C at a glance. <i>Journal of Cell Science</i> , 2016, 129, 4321-4327.	2.0	293
5	Tenascins and the Importance of Adhesion Modulation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2011, 3, a004960-a004960.	5.5	181
6	Neuronal microtubule-associated proteins in the embryonic avian spinal cord. <i>Journal of Comparative Neurology</i> , 1988, 271, 44-55.	1.6	172
7	Tenascins in stem cell niches. <i>Matrix Biology</i> , 2014, 37, 112-123.	3.6	160
8	The thrombospondin type 1 repeat superfamily. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 969-974.	2.8	144
9	Connective tissues: signalling by tenascins. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 1085-1089.	2.8	124
10	The regulation of tenascin expression by tissue microenvironments. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 888-892.	4.1	106
11	Phylogenetic Analysis of the Teneurins: Conserved Features and Premetazoan Ancestry. <i>Molecular Biology and Evolution</i> , 2012, 29, 1019-1029.	8.9	102
12	Methods for introducing morpholinos into the chicken embryo. <i>Developmental Dynamics</i> , 2003, 226, 470-477.	1.8	98
13	Fibronectin and tenascin-C: accomplices in vascular morphogenesis during development and tumor growth. <i>International Journal of Developmental Biology</i> , 2011, 55, 511-525.	0.6	98
14	Teneurins: A Novel Family of Neuronal Cell Surface Proteins in Vertebrates, Homologous to the <i>Drosophila</i> Pair-Rule Gene Product Ten-m. <i>Developmental Biology</i> , 1999, 216, 195-209.	2.0	95
15	Tenascin-C: Its functions as an integrin ligand. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 65, 165-168.	2.8	95
16	Tenascin-W is found in malignant mammary tumors, promotes alpha8 integrin-dependent motility and requires p38MAPK activity for BMP-2 and TNF-alpha induced expression in vitro. <i>Oncogene</i> , 2005, 24, 1525-1532.	5.9	87
17	Abnormal neural crest cell migration after the in vivo knockdown of tenascin-C expression with morpholino antisense oligonucleotides. <i>Developmental Dynamics</i> , 2001, 222, 115-119.	1.8	73
18	Cell-Adhesive Responses to Tenascin-C Splice Variants Involve Formation of Fascin Microspikes. <i>Molecular Biology of the Cell</i> , 1997, 8, 2055-2075.	2.1	66

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19	Teneurin 2 is expressed by the neurons of the thalamofugal visual system in situ and promotes homophilic cell-cell adhesion in vitro. <i>Development (Cambridge)</i> , 2002, 129, 4697-4705.	2.5	66
20	Teneurin-1 is expressed in interconnected regions of the developing brain and is processed in vivo. <i>BMC Developmental Biology</i> , 2008, 8, 30.	2.1	61
21	Evidence for the evolution of tenascin and fibronectin early in the chordate lineage. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 424-434.	2.8	60
22	Teneurin-2 is expressed in tissues that regulate limb and somite pattern formation and is induced in vitro and in situ by FGF8. <i>Developmental Dynamics</i> , 2001, 220, 27-39.	1.8	59
23	Thrombospondin-4 is expressed by early osteogenic tissues in the chick embryo. <i>Developmental Dynamics</i> , 1995, 203, 477-490.	1.8	56
24	Neural crest cells: a model for invasive behavior. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 173-177.	2.8	56
25	Expression of Tenascin-C in Bones Responding to Mechanical Load. <i>Journal of Bone and Mineral Research</i> , 1997, 12, 52-58.	2.8	53
26	The evolution of tenascins and fibronectin. <i>Cell Adhesion and Migration</i> , 2015, 9, 22-33.	2.7	53
27	ATAD2B is a phylogenetically conserved nuclear protein expressed during neuronal differentiation and tumorigenesis. <i>Development Growth and Differentiation</i> , 2010, 52, 747-755.	1.5	44
28	Tenascin-C is required for normal Wnt/ β -catenin signaling in the whisker follicle stem cell niche. <i>Matrix Biology</i> , 2014, 40, 46-53.	3.6	44
29	Teneurins: Transmembrane proteins with fundamental roles in development. <i>International Journal of Biochemistry and Cell Biology</i> , 2007, 39, 292-297.	2.8	42
30	The expression of tenascin-C with the AD1 variable repeat in embryonic tissues, cell lines and tumors in various vertebrate species. <i>Differentiation</i> , 1997, 62, 71-82.	1.9	40
31	Teneurin 2 is expressed by the neurons of the thalamofugal visual system in situ and promotes homophilic cell-cell adhesion in vitro. <i>Development (Cambridge)</i> , 2002, 129, 4697-705.	2.5	39
32	Thrombospondin-1 and neural crest cell migration. , 1999, 214, 312-322.		34
33	Avian tenascin-W: Expression in smooth muscle and bone, and effects on calvarial cell spreading and adhesion in vitro. <i>Developmental Dynamics</i> , 2006, 235, 1532-1542.	1.8	32
34	Horizontal Gene Transfer in Choanoflagellates. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2013, 320, 1-9.	1.3	32
35	Tenascin-C lines the migratory pathways of avian primordial germ cells and hematopoietic progenitor cells. <i>Developmental Dynamics</i> , 1996, 206, 437-446.	1.8	31
36	Medical gross anatomy as a predictor of performance on the USMLE step 1. <i>The Anatomical Record Part B: the New Anatomist</i> , 2005, 283B, 5-8.	1.3	29

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37	Ultrastructure of the mesoglea of the sea anemone <i>Nematostella vectensis</i> (Edwardsiidae). <i>Invertebrate Biology</i> , 2011, 130, 11-24.	0.9	29
38	The expression of teneurin-4 in the avian embryo. <i>Mechanisms of Development</i> , 2000, 98, 187-191.	1.7	27
39	Antisense knockdown of the $\alpha 1$ integrin subunit in the chicken embryo results in abnormal neural crest cell development. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 1135-1139.	2.8	26
40	Effects of tenascin-W on osteoblasts in vitro. <i>Cell and Tissue Research</i> , 2008, 334, 445-455.	2.9	26
41	The sequential expression of tenascin mRNA in epithelium and mesenchyme during feather morphogenesis. <i>Roux's Archives of Developmental Biology</i> , 1991, 200, 108-112.	1.2	25
42	Adhesion Networks of Cnidarians. <i>International Review of Cell and Molecular Biology</i> , 2014, 308, 323-377.	3.2	25
43	Tenascin-C and tenascin-W in whisker follicle stem cell niches: possible roles in regulating stem cell proliferation and migration. <i>Journal of Cell Science</i> , 2013, 126, 5111-5.	2.0	24
44	The Adhesion Modulating Properties of Tenascin-W. <i>International Journal of Biological Sciences</i> , 2012, 8, 187-194.	6.4	23
45	The Expression and Possible Functions of Tenascin-W During Development and Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 53.	3.7	23
46	Undergraduate coursework in anatomy as a predictor of performance: Comparison between students taking a medical gross anatomy course of average length and a course shortened by curriculum reform. <i>Clinical Anatomy</i> , 2005, 18, 540-547.	2.7	22
47	The distribution of tenascin and its transcript in the developing avian central nervous system. <i>The Journal of Experimental Zoology</i> , 1991, 259, 78-91.	1.4	21
48	The distribution of tenascin-R in the developing avian nervous system. <i>The Journal of Experimental Zoology</i> , 1998, 280, 152-164.	1.4	17
49	Teneurins: Domain Architecture, Evolutionary Origins, and Patterns of Expression. <i>Frontiers in Neuroscience</i> , 2018, 12, 938.	2.8	17
50	Dissection Experience and Performance on a Human Gross Anatomy Written Examination: Lessons Learned During the Covid-19 Pandemic. <i>Anatomical Sciences Education</i> , 2021, 14, 169-170.	3.7	17
51	Tenascin-Y is concentrated in adult nerve roots and has barrier properties in vitro. <i>Journal of Neuroscience Research</i> , 2001, 66, 439-447.	2.9	14
52	Integrins of the Starlet Sea Anemone <i>Nematostella vectensis</i> . <i>Biological Bulletin</i> , 2014, 227, 211-220.	1.8	14
53	Performance in a prematriculation gross anatomy course as a predictor of performance in medical school. <i>Anatomical Sciences Education</i> , 2008, 1, 224-227.	3.7	12
54	Tenascin-Y in the Developing and Adult Avian Nervous System. <i>Developmental Neuroscience</i> , 1999, 21, 126-133.	2.0	11

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55	A thrombospondin in the anthozoan <i>Nematostella vectensis</i> is associated with the nervous system and upregulated during regeneration. <i>Biology Open</i> , 2013, 2, 217-226.	1.2	11
56	The teneurin C-terminal domain possesses nuclease activity and is apoptogenic. <i>Biology Open</i> , 2018, 7, .	1.2	11
57	Tenascin-W: Discovery, Evolution, and Future Prospects. <i>Frontiers in Immunology</i> , 2020, 11, 623305.	4.8	9
58	Revisiting the Tenascins: Exploitable as Cancer Targets?. <i>Frontiers in Oncology</i> , 0, 12, .	2.8	8
59	Immunohistochemical localization of a tenascin-like extracellular matrix protein in sea urchin embryos. <i>Roux's Archives of Developmental Biology</i> , 1990, 199, 169-173.	1.2	7
60	Expression of Usherin in the Anthozoan <i>Nematostella vectensis</i> . <i>Biological Bulletin</i> , 2010, 218, 105-112.	1.8	7
61	The thrombospondin type 1 repeat (TSR) superfamily: Diverse proteins with related roles in neuronal development. <i>Developmental Dynamics</i> , 2000, 218, 280-299.	1.8	7
62	Using Antisense Morpholino Oligos to Knockdown Gene Expression in the Chicken Embryo.. <i>Acta Histochemica Et Cytochemica</i> , 2002, 35, 361-365.	1.6	5
63	Emergence of a Thrombospondin Superfamily at the Origin of Metazoans. <i>Molecular Biology and Evolution</i> , 2019, 36, 1220-1238.	8.9	5
64	Did Tenascin-C Co-Evolve With the General Immune System of Vertebrates?. <i>Frontiers in Immunology</i> , 2021, 12, 663902.	4.8	5
65	Neurogenesis and neurite outgrowth in the spinal cord of chicken embryos and in primary cultures of spinal neurons following knockdown of Class III beta tubulin with antisense morpholinos. <i>Protoplasma</i> , 2008, 234, 97-101.	2.1	4
66	The expression of tenascin ^{CC} and tenascin ^{EW} in human ossicles. <i>Journal of Anatomy</i> , 2016, 229, 416-421.	1.5	4
67	Tenascin-W Is a Novel Stromal Marker in Biliary Tract Cancers. <i>Frontiers in Immunology</i> , 2020, 11, 630139.	4.8	4
68	Immunohistochemistry and In Situ Hybridization in the Developing Chicken Brain. <i>Methods in Molecular Biology</i> , 2014, 1082, 217-233.	0.9	2
69	Elisabeth H. Winterhalter (1856â€“1952): The Pioneer and her Eponymous Ovarian Ganglion. <i>Journal of the History of the Neurosciences</i> , 2013, 22, 191-197.	0.9	1
70	The distribution of tenascin-R in the developing avian nervous system. , 1998, 280, 152.		1
71	Tenascin-C lines the migratory pathways of avian primordial germ cells and hematopoietic progenitor cells. , 1996, 206, 437.		1
72	The thrombospondin type 1 repeat (TSR) superfamily: Diverse proteins with related roles in neuronal development. , 2000, 218, 280.		1

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73	Avian tenascin-W: Expression in smooth muscle and bone, and effects on calvarial cell spreading and adhesion in vitro. <i>Developmental Dynamics</i> , 2006, 235, spc1-spc1.	1.8	0
74	Editorial: Origins of Human Neuropathology: The Significance of Teneurin-Latrophilin Interaction. <i>Frontiers in Neuroscience</i> , 2020, 14, 501.	2.8	0
75	Tenascin-C (TNC, Tnc). , 2016, , 1-8.		0
76	Fibronectin. , 2016, , 1-6.		0
77	Tenascin-W (Tnn, TNN). , 2016, , 1-7.		0
78	Tenascin-W (Tnn, TNN). , 2018, , 5366-5372.		0
79	Tenascin-C (TNC, Tnc). , 2018, , 5358-5366.		0
80	Fibronectin. , 2018, , 1718-1723.		0
81	Immunohistochemistry and In Situ Hybridization in the Developing Chicken Brain. <i>Methods in Molecular Biology</i> , 2020, 2047, 421-437.	0.9	0
82	A Cadaveric Analysis of Morphological Variations of the Anterior Belly of the Digastric Muscle. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
83	A Cadaveric Analysis of Morphological Variations of Pectoral Girdle Muscles: Axillary Arch and Coexisting Pectoralis Muscle Variations. <i>FASEB Journal</i> , 2022, 36, .	0.5	0