Richard P Tucker

List of Publications by Year
in descending order

83 papers	4,314 citations	147801 31 h-index	110387 64 g-index
83 all docs	83 docs citations	83 times ranked	4582 citing authors

#	Article	IF	Citations
1	A Cadaveric Analysis of Morphological Variations of Pectoral Girdle Muscles: Axillary Arch and Coexisting Pectoralis Muscle Variations. FASEB Journal, 2022, 36, .	0.5	0
2	Dissection Experience and Performance on a Human Gross Anatomy Written Examination: Lessons Learned During the Covidâ€19 Pandemic. Anatomical Sciences Education, 2021, 14, 169-170.	3.7	17
3	Did Tenascin-C Co-Evolve With the General Immune System of Vertebrates?. Frontiers in Immunology, 2021, 12, 663902.	4.8	5
4	Editorial: Origins of Human Neuropathology: The Significance of Teneurin-Latrophilin Interaction. Frontiers in Neuroscience, 2020, 14, 501.	2.8	0
5	Tenascin-W: Discovery, Evolution, and Future Prospects. Frontiers in Immunology, 2020, 11, 623305.	4.8	9
6	Tenascin-W Is a Novel Stromal Marker in Biliary Tract Cancers. Frontiers in Immunology, 2020, 11, 630139.	4.8	4
7	Immunohistochemistry and In Situ Hybridization in the Developing Chicken Brain. Methods in Molecular Biology, 2020, 2047, 421-437.	0.9	0
8	A Cadaveric Analysis of Morphological Variations of the Anterior Belly of the Digastric Muscle. FASEB Journal, 2020, 34, 1-1.	0.5	0
9	The Expression and Possible Functions of Tenascin-W During Development and Disease. Frontiers in Cell and Developmental Biology, 2019, 7, 53.	3.7	23
10	Emergence of a Thrombospondin Superfamily at the Origin of Metazoans. Molecular Biology and Evolution, 2019, 36, 1220-1238.	8.9	5
11	The teneurin C-terminal domain possesses nuclease activity and is apoptogenic. Biology Open, 2018, 7, .	1.2	11
12	Teneurins: Domain Architecture, Evolutionary Origins, and Patterns of Expression. Frontiers in Neuroscience, 2018, 12, 938.	2.8	17
13	Tenascin-W (Tnn, TNN). , 2018, , 5366-5372.		0
14	Tenascin-C (TNC, Tnc). , 2018, , 5358-5366.		0
15	Fibronectin. , 2018, , 1718-1723.		0
16	The expression of tenascinâ€C and tenascinâ€W in human ossicles. Journal of Anatomy, 2016, 229, 416-421.	1.5	4
17	Tenascin-C at a glance. Journal of Cell Science, 2016, 129, 4321-4327.	2.0	293
18	Tenascin-C (TNC, Tnc). , 2016, , 1-8.		0

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19	Fibronectin. , 2016, , 1-6.		0
20	Tenascin-W (Tnn, TNN). , 2016, , 1-7.		0
21	Tenascin-C: Its functions as an integrin ligand. International Journal of Biochemistry and Cell Biology, 2015, 65, 165-168.	2.8	95
22	The evolution of tenascins and fibronectin. Cell Adhesion and Migration, 2015, 9, 22-33.	2.7	53
23	Tenascin-C is required for normal Wnt/Î²-catenin signaling in the whisker follicle stem cell niche. Matrix Biology, 2014, 40, 46-53.	3.6	44
24	Tenascins in stem cell niches. Matrix Biology, 2014, 37, 112-123.	3.6	160
25	Adhesion Networks of Cnidarians. International Review of Cell and Molecular Biology, 2014, 308, 323-377.	3.2	25
26	Integrins of the Starlet Sea Anemone Nematostella vectensis. Biological Bulletin, 2014, 227, 211-220.	1.8	14
27	Immunohistochemistry and In Situ Hybridization in the Developing Chicken Brain. Methods in Molecular Biology, 2014, 1082, 217-233.	0.9	2
28	Horizontal Gene Transfer in Choanoflagellates. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2013, 320, 1-9.	1.3	32
29	A thrombospondin in the anthozoan Nematostella vectensis is associated with the nervous system and upregulated during regeneration. Biology Open, 2013, 2, 217-226.	1.2	11
30	Elisabeth H. Winterhalter (1856â€“1952): The Pioneer and her Eponymous Ovarian Ganglion. Journal of the History of the Neurosciences, 2013, 22, 191-197.	0.9	1
31	Tenascin-C and tenascin-W in whisker follicle stem cell niches: possible roles in regulating stem cell proliferation and migration. Journal of Cell Science, 2013, 126, 5111-5.	2.0	24
32	Phylogenetic Analysis of the Teneurins: Conserved Features and Premetazoan Ancestry. Molecular Biology and Evolution, 2012, 29, 1019-1029.	8.9	102
33	The Adhesion Modulating Properties of Tenascin-W. International Journal of Biological Sciences, 2012, 8, 187-194.	6.4	23
34	Fibronectin and tenascin-C: accomplices in vascular morphogenesis during development and tumor growth. International Journal of Developmental Biology, 2011, 55, 511-525.	0.6	98
35	Ultrastructure of the mesoglea of the sea anemone Nematostella vectensis (Edwardsiidae). Invertebrate Biology, 2011, 130, 11-24.	0.9	29
36	Tenascins and the Importance of Adhesion Modulation. Cold Spring Harbor Perspectives in Biology, 2011, 3, a004960-a004960.	5.5	181

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37	Expression of Usherin in the Anthozoan Nematostella vectensis. Biological Bulletin, 2010, 218, 105-112.	1.8	7
38	ATAD2B is a phylogenetically conserved nuclear protein expressed during neuronal differentiation and tumorigenesis. Development Growth and Differentiation, 2010, 52, 747-755.	1.5	44
39	The Evolution of Extracellular Matrix. Molecular Biology of the Cell, 2010, 21, 4300-4305.	2.1	296
40	The regulation of tenascin expression by tissue microenvironments. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 888-892.	4.1	106
41	Evidence for the evolution of tenascin and fibronectin early in the chordate lineage. International Journal of Biochemistry and Cell Biology, 2009, 41, 424-434.	2.8	60
42	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. Protoplasma, 2008, 234, 97-101.	2.1	4
43	Effects of tenascin-W on osteoblasts in vitro. Cell and Tissue Research, 2008, 334, 445-455.	2.9	26
44	Teneurin-1 is expressed in interconnected regions of the developing brain and is processed in vivo. BMC Developmental Biology, 2008, 8, 30.	2.1	61
45	Performance in a prematriculation gross anatomy course as a predictor of performance in medical school. Anatomical Sciences Education, 2008, 1, 224-227.	3.7	12
46	Teneurins: Transmembrane proteins with fundamental roles in development. International Journal of Biochemistry and Cell Biology, 2007, 39, 292-297.	2.8	42
47	Avian tenascin-W: Expression in smooth muscle and bone, and effects on calvarial cell spreading and adhesion in vitro. Developmental Dynamics, 2006, 235, 1532-1542.	1.8	32
48	Avian tenascin-W: Expression in smooth muscle and bone, and effects on calvarial cell spreading and adhesion in vitro. Developmental Dynamics, 2006, 235, spc1-spc1.	1.8	0
49	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. Oncogene, 2005, 24, 1525-1532.	5.9	87
50	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. Clinical Anatomy, 2005, 18, 540-547.	2.7	22
51	Medical gross anatomy as a predictor of performance on the USMLE step 1. The Anatomical Record Part B: the New Anatomist, 2005, 283B, 5-8.	1.3	29
52	The thrombospondin type 1 repeat superfamily. International Journal of Biochemistry and Cell Biology, 2004, 36, 969-974.	2.8	144
53	Connective tissues: signalling by tenascins. International Journal of Biochemistry and Cell Biology, 2004, 36, 1085-1089.	2.8	124
54	Antisense knockdown of the Î²1 integrin subunit in the chicken embryo results in abnormal neural crest cell development. International Journal of Biochemistry and Cell Biology, 2004, 36, 1135-1139.	2.8	26

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55	Neural crest cells: a model for invasive behavior. International Journal of Biochemistry and Cell Biology, 2004, 36, 173-177.	2.8	56
56	Methods for introducing morpholinos into the chicken embryo. Developmental Dynamics, 2003, 226, 470-477.	1.8	98
57	Using Antisense Morpholino Oligos to Knockdown Gene Expression in the Chicken Embryo.. Acta Histochemica Et Cytochemica, 2002, 35, 361-365.	1.6	5
58	Teneurin 2 is expressed by the neurons of the thalamofugal visual system in situ and promotes homophilic cell-cell adhesion in vitro. Development (Cambridge), 2002, 129, 4697-4705.	2.5	66
59	Teneurin 2 is expressed by the neurons of the thalamofugal visual system in situ and promotes homophilic cell-cell adhesion in vitro. Development (Cambridge), 2002, 129, 4697-705.	2.5	39
60	Tenascin-Y is concentrated in adult nerve roots and has barrier properties in vitro. Journal of Neuroscience Research, 2001, 66, 439-447.	2.9	14
61	Teneurin-2 is expressed in tissues that regulate limb and somite pattern formation and is induced in vitro and in situ by FGF8. Developmental Dynamics, 2001, 220, 27-39.	1.8	59
62	Abnormal neural crest cell migration after the in vivo knockdown of tenascin-C expression with morpholino antisense oligonucleotides. Developmental Dynamics, 2001, 222, 115-119.	1.8	73
63	The thrombospondin type 1 repeat (TSR) superfamily: Diverse proteins with related roles in neuronal development. Developmental Dynamics, 2000, 218, 280-299.	1.8	298
64	The expression of teneurin-4 in the avian embryo. Mechanisms of Development, 2000, 98, 187-191.	1.7	27
65	The thrombospondin type 1 repeat (TSR) superfamily: Diverse proteins with related roles in neuronal development. , 2000, 218, 280.		1
66	The thrombospondin type 1 repeat (TSR) superfamily: Diverse proteins with related roles in neuronal development. Developmental Dynamics, 2000, 218, 280-299.	1.8	7
67	Thrombospondin-1 and neural crest cell migration. , 1999, 214, 312-322.		34
68	Teneurins: A Novel Family of Neuronal Cell Surface Proteins in Vertebrates, Homologous to the Drosophila Pair-Rule Gene Product Ten-m. Developmental Biology, 1999, 216, 195-209.	2.0	95
69	Tenascin-Y in the Developing and Adult Avian Nervous System. Developmental Neuroscience, 1999, 21, 126-133.	2.0	11
70	The distribution of tenascin-R in the developing avian nervous system. The Journal of Experimental Zoology, 1998, 280, 152-164.	1.4	17
71	The distribution of tenascin-R in the developing avian nervous system. , 1998, 280, 152.		1
72	Cell-Adhesive Responses to Tenascin-C Splice Variants Involve Formation of Fascin Microspikes. Molecular Biology of the Cell, 1997, 8, 2055-2075.	2.1	66

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73	The expression of tenascin-C with the AD1 variable repeat in embryonic tissues, cell lines and tumors in various vertebrate species. Differentiation, 1997, 62, 71-82.	1.9	40
74	Expression of Tenascin-C in Bones Responding to Mechanical Load. Journal of Bone and Mineral Research, 1997, 12, 52-58.	2.8	53
75	Tenascin-C lines the migratory pathways of avian primordial germ cells and hematopoietic progenitor cells. Developmental Dynamics, 1996, 206, 437-446.	1.8	31
76	Tenascin-C lines the migratory pathways of avian primordial germ cells and hematopoietic progenitor cells. , 1996, 206, 437.		1
77	Thrombospondin-4 is expressed by early osteogenic tissues in the chick embryo. Developmental Dynamics, 1995, 203, 477-490.	1.8	56
78	The distribution of tenascin and its transcript in the developing avian central nervous system. The Journal of Experimental Zoology, 1991, 259, 78-91.	1.4	21
79	The sequential expression of tenascin mRNA in epithelium and mesenchyme during feather morphogenesis. Roux's Archives of Developmental Biology, 1991, 200, 108-112.	1.2	25
80	Immunohistochemical localization of a tenascin-like extracellular matrix protein in sea urchin embryos. Roux's Archives of Developmental Biology, 1990, 199, 169-173.	1.2	7
81	Neuronal microtubule-associated proteins in the embryonic avian spinal cord. Journal of Comparative Neurology, 1988, 271, 44-55.	1.6	172
82	Selective localization of messenger RNA for cytoskeletal protein MAP2 in dendrites. Nature, 1988, 336, 674-677.	27.8	529
83	Revisiting the Tenascins: Exploitable as Cancer Targets?. Frontiers in Oncology, 0, 12, .	2.8	8