

Kyoko Imanaka-Yoshida

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

4,570
citations

76326

40
h-index

118850

62
g-index

105
all docs

105
docs citations

105
times ranked

4306
citing authors

#	ARTICLE	IF	CITATIONS
1	Rho kinases play an obligatory role in vertebrate embryonic organogenesis. <i>Development (Cambridge)</i> , 2001, 128, 2953-2962.	2.5	198
2	Tenascin-C Regulates Recruitment of Myofibroblasts during Tissue Repair after Myocardial Injury. <i>American Journal of Pathology</i> , 2005, 167, 71-80.	3.8	182
3	Tenascin-C Modulates Adhesion of Cardiomyocytes to Extracellular Matrix during Tissue Remodeling after Myocardial Infarction. <i>Laboratory Investigation</i> , 2001, 81, 1015-1024.	3.7	145
4	Tenascin-C and integrins in cancer. <i>Cell Adhesion and Migration</i> , 2015, 9, 96-104.	2.7	135
5	Tenascin-C is a useful marker for disease activity in myocarditis. <i>Journal of Pathology</i> , 2002, 197, 388-394.	4.5	117
6	Serum Tenascin-C Might Be a Novel Predictor of Left Ventricular Remodeling and Prognosis After Acute Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2006, 47, 2319-2325.	2.8	116
7	Tenascin C Induces Epithelial-Mesenchymal Transitionâ€“Like Change Accompanied by SRC Activation and Focal Adhesion Kinase Phosphorylation in Human Breast Cancer Cells. <i>American Journal of Pathology</i> , 2011, 178, 754-763.	3.8	114
8	Tenascin-C may aggravate left ventricular remodeling and function after myocardial infarction in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 298, H1072-H1078.	3.2	104
9	Involvement of Large Tenascin-C Splice Variants in Breast Cancer Progression. <i>American Journal of Pathology</i> , 2003, 162, 1857-1867.	3.8	101
10	Tenascin-C May Accelerate Cardiac Fibrosis by Activating Macrophages via the Integrin $\alpha 2 \beta 1$ /Nuclear Factor- κB /Interleukin-6 Axis. <i>Hypertension</i> , 2015, 66, 757-766.	2.7	98
11	Inhibition of Rho family GTPases by Rho GDP dissociation inhibitor disrupts cardiac morphogenesis and inhibits cardiomyocyte proliferation. <i>Development (Cambridge)</i> , 2002, 129, 1705-1714.	2.5	96
12	Tenascin-C in Cardiovascular Tissue Remodeling. <i>Circulation Journal</i> , 2012, 76, 2513-2520.	1.6	95
13	Tenascinâ€“C upregulates matrix metalloproteinaseâ€“9 in breast cancer cells: Direct and synergistic effects with transforming growth factor $\beta 1$. <i>International Journal of Cancer</i> , 2003, 105, 53-60.	5.1	87
14	Higher Serum Tenascin-C Levels Reflect the Severity of Heart Failure, Left Ventricular Dysfunction and Remodeling in Patients With Dilated Cardiomyopathy. <i>Circulation Journal</i> , 2007, 71, 327-330.	1.6	82
15	Immune cell infiltration landscapes in pediatric acute myocarditis analyzed by CIBERSORT. <i>Journal of Cardiology</i> , 2021, 77, 174-178.	1.9	79
16	The dynamic expression of tenascin-C and tenascin-X during early heart development in the mouse. <i>Differentiation</i> , 2003, 71, 291-298.	1.9	78
17	Eplerenone Attenuates Myocardial Fibrosis in the Angiotensin II-Induced Hypertensive Mouse: Involvement of Tenascin-C Induced by Aldosterone-Mediated Inflammation. <i>Journal of Cardiovascular Pharmacology</i> , 2007, 49, 261-268.	1.9	78
18	Deficiency of tenascin-C and attenuation of blood-brain barrier disruption following experimental subarachnoid hemorrhage in mice. <i>Journal of Neurosurgery</i> , 2016, 124, 1693-1702.	1.6	77

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19	Tenascin-C enhances crosstalk signaling of integrin $\alpha_2\beta_3$ /PDGFR α complex by SRC recruitment promoting PDGF-induced proliferation and migration in smooth muscle cells. <i>Journal of Cellular Physiology</i> , 2011, 226, 2617-2624.	4.1	68
20	Tenascin-C Aggravates Autoimmune Myocarditis via Dendritic Cell Activation and Th17 Cell Differentiation. <i>Journal of the American Heart Association</i> , 2014, 3, e001052.	3.7	64
21	Role of Periostin in Early Brain Injury After Subarachnoid Hemorrhage in Mice. <i>Stroke</i> , 2017, 48, 1108-1111.	2.0	64
22	Detection of Experimental Autoimmune Myocarditis in Rats by 111 In Monoclonal Antibody Specific for Tenascin-C. <i>Circulation</i> , 2002, 106, 1397-1402.	1.6	63
23	Tenascin-C and mechanotransduction in the development and diseases of cardiovascular system. <i>Frontiers in Physiology</i> , 2014, 5, 283.	2.8	62
24	Diagnostic utility of tenascin-C for evaluation of the activity of human acute myocarditis. <i>Journal of Pathology</i> , 2005, 205, 460-467.	4.5	61
25	Deficiency of tenascin C attenuates allergen-induced bronchial asthma in the mouse. <i>European Journal of Immunology</i> , 2006, 36, 3334-3345.	2.9	61
26	N-cadherin is required for the differentiation and initial myofibrillogenesis of chick cardiomyocytes. , 1998, 39, 52-62.		60
27	Regulation of Fibrillar Collagen Gene Expression and Protein Accumulation in Volume-Overloaded Cardiac Hypertrophy. <i>Circulation</i> , 1997, 95, 2448-2454.	1.6	60
28	Inflammation in myocardial disease: From myocarditis to dilated cardiomyopathy. <i>Pathology International</i> , 2020, 70, 1-11.	1.3	58
29	Matricellular Proteins: New Molecular Targets To Prevent Heart Failure. <i>Cardiovascular Therapeutics</i> , 2012, 30, e198-209.	2.5	55
30	Tenascin-C in Development and Disease of Blood Vessels. <i>Anatomical Record</i> , 2014, 297, 1747-1757.	1.4	55
31	The Pathogenesis of Cardiac Fibrosis: A Review of Recent Progress. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2617.	4.1	51
32	Tenascin-C accelerates adverse ventricular remodeling after myocardial infarction by modulating macrophage polarization. <i>Cardiovascular Research</i> , 2019, 115, 614-624.	3.8	50
33	Atrial natriuretic peptide exerts protective action against angiotensin II-induced cardiac remodeling by attenuating inflammation via endothelin-1/endothelin receptor A cascade. <i>Heart and Vessels</i> , 2013, 28, 646-657.	1.2	48
34	Serial extracellular matrix changes in neointimal lesions of human coronary artery after percutaneous transluminal coronary angioplasty: clinical significance of early tenascin-C expression. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2001, 439, 185-190.	2.8	46
35	Incremental Prognostic Values of Serum Tenascin-C Levels With Blood B-type Natriuretic Peptide Testing at Discharge in Patients With Dilated Cardiomyopathy and Decompensated Heart Failure. <i>Journal of Cardiac Failure</i> , 2009, 15, 898-905.	1.7	46
36	Tenascin-C in brain injuries and edema after subarachnoid hemorrhage: Findings from basic and clinical studies. <i>Journal of Neuroscience Research</i> , 2020, 98, 42-56.	2.9	46

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37	Vinculin, talin, integrin $\alpha 5 \beta 1$ and laminin can serve as components of attachment complex mediating contraction force transmission from cardiomyocytes to extracellular matrix. <i>Cytoskeleton</i> , 1999, 42, 1-11.	4.4	45
38	Persistent Release of IL-1s from Skin Is Associated with Systemic Cardio-Vascular Disease, Emaciation and Systemic Amyloidosis: The Potential of Anti-IL-1 Therapy for Systemic Inflammatory Diseases. <i>PLoS ONE</i> , 2014, 9, e104479.	2.5	45
39	Tenascin-C in cardiac disease: a sophisticated controller of inflammation, repair, and fibrosis. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 319, C781-C796.	4.6	45
40	Prognostic Value of Serum Tenascin-C Levels on Long-Term Outcome After Acute Myocardial Infarction. <i>Journal of Cardiac Failure</i> , 2012, 18, 480-486.	1.7	43
41	Imatinib mesylate prevents cerebral vasospasm after subarachnoid hemorrhage via inhibiting tenascin-C expression in rats. <i>Neurobiology of Disease</i> , 2012, 46, 172-179.	4.4	43
42	Tenascin C protects aorta from acute dissection in mice. <i>Scientific Reports</i> , 2014, 4, 4051.	3.3	43
43	Tenascin-C Induces Phenotypic Changes in Fibroblasts to Myofibroblasts with High Contractility through the Integrin $\alpha 1 \beta 1$ /Transforming Growth Factor $\beta 2$ /SMAD Signaling Axis in Human Breast Cancer. <i>American Journal of Pathology</i> , 2020, 190, 2123-2135.	3.8	41
44	Tenascin-C is an essential factor for neointimal hyperplasia after aortotomy in mice. <i>Cardiovascular Research</i> , 2005, 65, 737-742.	3.8	40
45	Cerebrospinal Fluid Tenascin-C in Cerebral Vasospasm After Aneurysmal Subarachnoid Hemorrhage. <i>Journal of Neurosurgical Anesthesiology</i> , 2011, 23, 310-317.	1.2	40
46	Tenascin-C induces prolonged constriction of cerebral arteries in rats. <i>Neurobiology of Disease</i> , 2013, 55, 104-109.	4.4	40
47	MMP-2 expression is associated with rapidly proliferative arteriosclerosis in the flexor tenosynovium and pain severity in carpal tunnel syndrome. <i>Journal of Pathology</i> , 2005, 205, 443-450.	4.5	38
48	Dynamic Expression of Tenascin-C After Myocardial Ischemia and Reperfusion: Assessment by ^{125}I -Anti-Tenascin-C Antibody Imaging. <i>Journal of Nuclear Medicine</i> , 2010, 51, 1116-1122.	5.0	38
49	Effects of Tenascin-C Knockout on Cerebral Vasospasm After Experimental Subarachnoid Hemorrhage in Mice. <i>Molecular Neurobiology</i> , 2018, 55, 1951-1958.	4.0	38
50	Tenascin-C is induced in cerebral vasospasm after subarachnoid hemorrhage in rats and humans: a pilot study. <i>Neurological Research</i> , 2010, 32, 179-184.	1.3	37
51	DEPOSITION OF PG-M/VERSICAN IS A MAJOR CAUSE OF HUMAN CORONARY RESTENOSIS AFTER PERCUTANEOUS TRANSLUMINAL CORONARY ANGIOPLASTY. <i>Journal of Pathology</i> , 1996, 180, 311-316.	4.5	36
52	Locally applied cilostazol suppresses neointimal hyperplasia by inhibiting tenascin-C synthesis and smooth muscle cell proliferation in free artery grafts. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004, 128, 357-363.	0.8	36
53	Co-stimulation of human breast cancer cells with transforming growth factor- $\beta 2$ and tenascin-C enhances matrix metalloproteinase-9 expression and cancer cell invasion. <i>International Journal of Experimental Pathology</i> , 2004, 85, 373-379.	1.3	35
54	Tenascin-C-coated platinum coils for acceleration of organization of cavities and reduction of lumen size in a rat aneurysm model. <i>Journal of Neurosurgery</i> , 2005, 103, 681-686.	1.6	35

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55	Cerebrospinal Fluid Tenascin-C Increases Preceding the Development of Chronic Shunt-Dependent Hydrocephalus After Subarachnoid Hemorrhage. <i>Stroke</i> , 2008, 39, 1610-1612.	2.0	35
56	High prevalence of chronic myocarditis in dilated cardiomyopathy referred for left ventriculoplasty: expression of tenascin C as a possible marker for inflammation. <i>Human Pathology</i> , 2009, 40, 1015-1022.	2.0	35
57	Incorporation of fluorescently labeled contractile proteins into freshly isolated living adult cardiac myocytes. <i>Cytoskeleton</i> , 1992, 21, 111-122.	4.4	34
58	Contractile protein dynamics of myofibrils in paired adult rat cardiomyocytes. <i>Cytoskeleton</i> , 1993, 26, 301-312.	4.4	34
59	Expression of Tenascin-C in Stromal Cells of the Murine Uterus During Early Pregnancy: Induction by Interleukin-1 β , Prostaglandin E2, and Prostaglandin F2 β . <i>Biology of Reproduction</i> , 2000, 63, 1713-1720.	2.7	33
60	Expression of large tenascin-C splice variants by hepatic stellate cells/myofibroblasts in chronic hepatitis C. <i>Journal of Hepatology</i> , 2007, 46, 664-673.	3.7	31
61	Tenascin α 2 is expressed in abdominal aortic aneurysm tissue with an active degradation process. <i>Pathology International</i> , 2011, 61, 559-564.	1.3	30
62	Effects of Tenascin C on the Integrity of Extracellular Matrix and Skin Aging. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8693.	4.1	30
63	Noninvasive Detection of Cardiac Repair After Acute Myocardial Infarction in Rats by ¹¹¹ In Fab Fragment of Monoclonal Antibody Specific for Tenascin-C. <i>International Heart Journal</i> , 2008, 49, 481-492.	1.0	30
64	Tenascin-C synthesized in both donor grafts and recipients accelerates artery graft stenosis. <i>Cardiovascular Research</i> , 2007, 74, 366-376.	3.8	28
65	Histopathological findings in a human carotid artery after stent implantation. <i>Journal of Neurosurgery</i> , 2003, 98, 199-204.	1.6	27
66	Serum Tenascin-C as a Novel Predictor for Risk of Coronary Artery Lesion and Resistance to Intravenous Immunoglobulin in Kawasaki Disease—A Multicenter Retrospective Study. <i>Circulation Journal</i> , 2016, 80, 2376-2381.	1.6	26
67	Preliminary study of serum tenascin-C levels as a diagnostic or prognostic biomarker of type B acute aortic dissection. <i>International Journal of Cardiology</i> , 2013, 168, 4267-4269.	1.7	24
68	Epidermal growth factor-like repeats of tenascin-C-induced constriction of cerebral arteries via activation of epidermal growth factor receptors in rats. <i>Brain Research</i> , 2016, 1642, 436-444.	2.2	24
69	Living adult rat cardiomyocytes in culture: Evidence for dissociation of costameric distribution of vinculin from costameric distributions of attachments. <i>Journal of Cell Biology</i> , 1996, 33, 263-275.		22
70	Tenascin C may regulate the recruitment of smooth muscle cells during coronary artery development. <i>Differentiation</i> , 2011, 81, 299-306.	1.9	22
71	A case of biopsy-proven eosinophilic myocarditis related to tetanus toxoid immunization. <i>Cardiovascular Pathology</i> , 2018, 37, 54-57.	1.6	22
72	Tenascin-C in Heart Diseases—The Role of Inflammation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5828.	4.1	21

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73	Locally applied cilostazol suppresses neointimal hyperplasia and medial thickening in a vein graft model. <i>Annals of Thoracic and Cardiovascular Surgery</i> , 2007, 13, 322-30.	0.8	21
74	Microtubules are involved in early hypertrophic responses of myocardium during pressure overload. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998, 275, H341-H348.	3.2	20
75	Tenascin-C Prevents Articular Cartilage Degeneration in Murine Osteoarthritis Models. <i>Cartilage</i> , 2018, 9, 80-88.	2.7	20
76	Role of stromal tenascin-C in mouse prostatic development and epithelial cell differentiation. <i>Developmental Biology</i> , 2008, 324, 310-319.	2.0	18
77	New Insights into the Developmental Mechanisms of Coronary Vessels and Epicardium. <i>International Review of Cell and Molecular Biology</i> , 2013, 303, 263-317.	3.2	18
78	Expression of matrix metalloproteinase-3 in mouse endometrial stromal cells during early pregnancy: Regulation by interleukin-1 β and tenascin-C. <i>Gynecological Endocrinology</i> , 2005, 21, 111-118.	1.7	17
79	Impact of serum tenascin-C on the aortic healing process during the chronic stage of type B acute aortic dissection. <i>International Journal of Cardiology</i> , 2015, 191, 97-99.	1.7	17
80	Toward in Vivo Imaging of Heart Disease Using a Radiolabeled Single-Chain Fv Fragment Targeting Tenascin-C. <i>Analytical Chemistry</i> , 2011, 83, 9123-9130.	6.5	16
81	Matricellular Protein: A New Player in Cerebral Vasospasm Following Subarachnoid Hemorrhage. <i>Acta Neurochirurgica Supplementum</i> , 2013, 115, 213-218.	1.0	15
82	JNK is critical for the development of <i>Candida albicans</i> -induced vascular lesions in a mouse model of Kawasaki Disease. <i>Cardiovascular Pathology</i> , 2015, 24, 33-40.	1.6	14
83	Fulminant Myocarditis With Prolonged Active Lymphocytic Infiltration After Hemodynamic Recovery. <i>International Heart Journal</i> , 2017, 58, 294-297.	1.0	14
84	Expression of tenascin C in cardiovascular lesions of Kawasaki disease. <i>Cardiovascular Pathology</i> , 2019, 38, 25-30.	1.6	14
85	Organization of calsequestrin-positive sarcoplasmic reticulum in rat cardiomyocytes in culture. <i>Journal of Cellular Physiology</i> , 1994, 158, 87-96.	4.1	13
86	Role of Platelet-Derived Growth Factor in Cerebral Vasospasm After Subarachnoid Hemorrhage in Rats. , 2013, 115, 219-223.		13
87	Multiple Roles of Tenascins in Homeostasis and Pathophysiology of Aorta. <i>Annals of Vascular Diseases</i> , 2018, 11, 169-180.	0.5	12
88	Successful Inflammation Imaging of Non-Human Primate Hearts Using an Antibody Specific for Tenascin-C. <i>International Heart Journal</i> , 2019, 60, 151-158.	1.0	12
89	Myocardial Native T1 Predicts Load-Independent Left Ventricular Chamber Stiffness In Patients With HFpEF. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2117-2128.	5.3	12
90	Myofibrillogenesis in Precardiac Mesoderm Explant Culture.. <i>Cell Structure and Function</i> , 1997, 22, 45-49.	1.1	11

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91	Effect of postconditioning on dynamic expression of tenascin-C and left ventricular remodeling after myocardial ischemia and reperfusion. <i>EJNMMI Research</i> , 2015, 5, 21.	2.5	9
92	Tenascin-C promotes the repair of cartilage defects in mice. <i>Journal of Orthopaedic Science</i> , 2020, 25, 324-330.	1.1	9
93	Effects of Tenascin-C on Early Brain Injury After Subarachnoid Hemorrhage in Rats. <i>Acta Neurochirurgica Supplementum</i> , 2015, 120, 69-73.	1.0	8
94	Influenza-associated septic shock accompanied by septic cardiomyopathy that developed in summer and mimicked fulminant myocarditis. <i>Acute Medicine & Surgery</i> , 2019, 6, 192-196.	1.2	7
95	Generation of Transgenic Mice that Conditionally Overexpress Tenascin-C. <i>Frontiers in Immunology</i> , 2021, 12, 620541.	4.8	7
96	Serum tenascin-C predicts resistance to steroid combination therapy in high-risk Kawasaki disease: a multicenter prospective cohort study. <i>Pediatric Rheumatology</i> , 2021, 19, 82.	2.1	6
97	A New Mouse Model of Chronic Myocarditis Induced by Recombinant Bacille Calmette-Guérin Expressing a T-Cell Epitope of Cardiac Myosin Heavy Chain-1. <i>International Journal of Molecular Sciences</i> , 2021, 22, 794.	4.1	5
98	Myocardial T-Lymphocytes as a Prognostic Risk-Stratifying Marker of Dilated Cardiomyopathy: Results of the Multicenter Registry to Investigate Inflammatory Cell Infiltration in Dilated Cardiomyopathy in Tissues of Endomyocardial Biopsy (INDICATE Study). <i>Circulation Journal</i> , 2022, 86, 1092-1101.	1.6	4
99	Clinical significance of chronic myocarditis: systematic review and meta-analysis. <i>Heart and Vessels</i> , 2021, , 1.	1.2	3
100	Possible Roles of the Tenascin Family During Heart Development and Myocardial Tissue Remodeling. <i>Progress in Experimental Cardiology</i> , 2000, , 123-129.	0.0	2
101	The Transmission of Contractility Through Cell Adhesion. <i>Progress in Molecular and Subcellular Biology</i> , 2000, 25, 21-35.	1.6	2
102	Tenascin-C expression in renal biopsies from patients with tubulointerstitial nephritis and its relation to disease activity and prognosis. <i>International Journal of Clinical and Experimental Pathology</i> , 2020, 13, 1842-1852.	0.5	1
103	Tissue Remodeling in Vascular Wall in Kawasaki Disease-Related Vasculitis Model Mice. , 2016, , 241-242.		0