

Giulio Gabbiani

List of Publications by Year in descending order

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49
papers

10,284
citations

172207

29
h-index

243296

44
g-index

323
all docs

323
docs citations

323
times ranked

10578
citing authors

#	ARTICLE	IF	CITATIONS
1	Myofibroblasts and mechano-regulation of connective tissue remodelling. <i>Nature Reviews Molecular Cell Biology</i> , 2002, 3, 349-363.	16.1	3,539
2	Alpha-Smooth Muscle Actin Expression Upregulates Fibroblast Contractile Activity. <i>Molecular Biology of the Cell</i> , 2001, 12, 2730-2741.	0.9	1,076
3	Recent Developments in Myofibroblast Biology. <i>American Journal of Pathology</i> , 2012, 180, 1340-1355.	1.9	1,043
4	The Fibronectin Domain ED-A Is Crucial for Myofibroblastic Phenotype Induction by Transforming Growth Factor- β 1. <i>Journal of Cell Biology</i> , 1998, 142, 873-881.	2.3	741
5	Malignant soft tissue tumors of probable histiocytic origin (malignant fibrous histiocytomas): General considerations and electron microscopic and tissue culture studies. <i>Cancer</i> , 1975, 35, 176-198.	2.0	480
6	"CONTRACTILE INTERSTITIAL CELLS" IN PULMONARY ALVEOLAR SEPTA: A POSSIBLE REGULATOR OF VENTILATION/PERFUSION RATIO?. <i>Journal of Cell Biology</i> , 1974, 60, 375-392.	2.3	347
7	Focal adhesion features during myofibroblastic differentiation are controlled by intracellular and extracellular factors. <i>Journal of Cell Science</i> , 2001, 114, 3285-3296.	1.2	255
8	The NH2-terminal peptide of β -smooth muscle actin inhibits force generation by the myofibroblast in vitro and in vivo. <i>Journal of Cell Biology</i> , 2002, 157, 657-663.	2.3	215
9	The myofibroblast in wound healing and fibrosis: answered and unanswered questions. <i>F1000Research</i> , 2016, 5, 752.	0.8	209
10	β 2- and β 3-cytoplasmic actins display distinct distribution and functional diversity. <i>Journal of Cell Science</i> , 2009, 122, 2980-2988.	1.2	196
11	A histone deacetylase inhibitor, trichostatin A, suppresses myofibroblastic differentiation of rat hepatic stellate cells in primary culture. <i>Hepatology</i> , 1999, 29, 858-867.	3.6	192
12	Inhibition of rat hepatic lipocyte activation in culture by interferon- β . <i>Hepatology</i> , 1992, 16, 776-784.	3.6	180
13	β -Smooth muscle actin is transiently expressed in embryonic rat cardiac and skeletal muscles. <i>Differentiation</i> , 1988, 39, 161-166.	1.0	179
14	Actin and tubulin co-cap with surface immunoglobulins in mouse B lymphocytes. <i>Nature</i> , 1977, 269, 697-698.	13.7	174
15	Phenotypic Heterogeneity of Rat Arterial Smooth Muscle Cell Clones. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1996, 16, 815-820.	1.1	142
16	Phenotypic Modulation of Intima and Media Smooth Muscle Cells in Fatal Cases of Coronary Artery Lesion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 326-332.	1.1	113
17	Intimal Smooth Muscle Cells of Porcine and Human Coronary Artery Express S100A4, a Marker of the Rhomboid Phenotype In Vitro. <i>Circulation Research</i> , 2007, 100, 1055-1062.	2.0	101
18	Synovial sarcoma Electron microscopic study of a typical case. <i>Cancer</i> , 1971, 28, 1031-1039.	2.0	97

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19	Modulation of fibroblastic cytoskeletal features during pathological situations: The role of extracellular matrix and cytokines. <i>Cytoskeleton</i> , 1994, 29, 195-203.	4.4	96
20	Correlation between the distribution of smooth muscle or non muscle myosins and α -smooth muscle actin in normal and pathological soft tissues. <i>Cytoskeleton</i> , 1988, 11, 260-274.	4.4	94
21	Contraction of myofibroblasts in granulation tissue is dependent on Rho/Rho kinase/myosin light chain phosphatase activity. <i>Wound Repair and Regeneration</i> , 2006, 14, 313-320.	1.5	86
22	Cultured aortic smooth muscle cells from newborn and adult rats show distinct cytoskeletal features. <i>Differentiation</i> , 1992, 49, 175-185.	1.0	83
23	Fascia Is Able to Actively Contract and May Thereby Influence Musculoskeletal Dynamics: A Histochemical and Mechanographic Investigation. <i>Frontiers in Physiology</i> , 2019, 10, 336.	1.3	77
24	Epithelioid sarcoma. A light and electron microscopic study suggesting a synovial origin. <i>Cancer</i> , 1972, 30, 486-499.	2.0	75
25	Expression of α -smooth-muscle actin in stromal cells of the uterine cervix during epithelial neoplastic changes. <i>International Journal of Cancer</i> , 1991, 47, 843-846.	2.3	67
26	Cell coupling modulates the contraction of fibroblast-populated collagen lattices. , 2000, 184, 86-92.		53
27	A Subpopulation of Cardiomyocytes Expressing α -Skeletal Actin Is Identified by a Specific Polyclonal Antibody. <i>Circulation Research</i> , 1999, 85, e51-8.	2.0	45
28	Plasminogen Activator Expression in Rat Arterial Smooth Muscle Cells Depends on Their Phenotype and Is Modulated by Cytokines. <i>Circulation Research</i> , 1998, 82, 1086-1093.	2.0	42
29	Abnormal behavior of cultured fibroblasts from nodule and nonaffected aponeurosis of Dupuytren's disease. <i>Journal of Cellular Physiology</i> , 1983, 117, 353-361.	2.0	37
30	Regulation of α -smooth muscle actin and CRBP-1 expression by retinoic acid and TGF- β in cultured fibroblasts. <i>Journal of Cellular Physiology</i> , 2001, 187, 315-325.	2.0	29
31	Stable incorporation of α -smooth muscle actin into stress fibers is dependent on specific tropomyosin isoforms. <i>Cytoskeleton</i> , 2015, 72, 257-267.	1.0	29
32	Cultured Arterial Smooth Muscle Cells Maintain Distinct Phenotypes When Implanted Into Carotid Artery. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 949-954.	1.1	24
33	Modulation of gelsolin content in rat aortic smooth muscle cells during development, experimental intimal thickening and culture. An immunohistochemical and biochemical study. <i>FEBS Journal</i> , 1990, 190, 559-565.	0.2	23
34	Actin isoform pattern expression: a tool for the diagnosis and biological characterization of human rhabdomyosarcoma. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2003, 442, 31-38.	1.4	23
35	Retinoids and Arterial Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 1882-1888.	1.1	18
36	Sudden coronary death in the young: Evidence of contractile phenotype of smooth muscle cells in the culprit atherosclerotic plaque. <i>International Journal of Cardiology</i> , 2018, 264, 1-6.	0.8	16

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37	Cellular distribution of sarcoplasmic calcium-binding proteins by immunofluorescence. <i>Histochemistry</i> , 1977, 51, 335-341.	1.9	14
38	Monoclonal antibodies against muscle actin isoforms: epitope identification and analysis of isoform expression by immunoblot and immunostaining in normal and regenerating skeletal muscle. <i>F1000Research</i> , 2016, 5, 416.	0.8	14
39	Monoclonal antibodies against muscle actin isoforms: epitope identification and analysis of isoform expression by immunoblot and immunostaining in normal and regenerating skeletal muscle. <i>F1000Research</i> , 2016, 5, 416.	0.8	13
40	The prehistory of the cytoskeleton concept. <i>Cytoskeleton</i> , 2014, 71, 464-471.	1.0	12
41	50 Years of Myofibroblasts: How the Myofibroblast Concept Evolved. <i>Methods in Molecular Biology</i> , 2021, 2299, 1-5.	0.4	12
42	Effect of phalloidin on liver actin distribution, content, and turnover. <i>Journal of Cellular Biochemistry</i> , 1982, 20, 393-407.	1.2	9
43	Heterogeneity of Smooth Muscle. , 2012, , 1183-1195.		6
44	Actin isoforms in amphioxus <i>Branchiostoma lanceolatum</i> . <i>Cell and Tissue Research</i> , 1998, 292, 173-176.	1.5	4
45	Cytoskeletal protein expression in planarians. <i>Bollettino Di Zoologia</i> , 1993, 60, 403-406.	0.3	2
46	Modulation of fibroblastic cytoskeletal features during wound healing and fibrosis. <i>Bollettino Di Zoologia</i> , 1993, 60, 399-401.	0.3	1
47	Corrigendum to "Cytostatic drugs differentially affect phenotypic features of porcine coronary artery smooth muscle cell populations" [FEBS Lett. 581 (2007) 5847-5851]. <i>FEBS Letters</i> , 2008, 582, 840-840.	1.3	0
48	Comments on the manuscript of Dr. J M Orenstein. <i>Ultrastructural Pathology</i> , 2020, 44, 15-16.	0.4	0
49	The myofibroblast: Role in fibrosis development. , 2022, , 87-97.		0