Lynn Y Sakai

List of Publications by Year
in descending order

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31	4,734	304368	454577
papers	citations	22 h-index	30 g-index

32	32	32	3940
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Marfan syndrome caused by a recurrent de novo missense mutation in the fibrillin gene. Nature, 1991, 352, 337-339.	13.7	1,901
2	Targetting of the gene encoding fibrillinâ€“1 recapitulates the vascular aspect of Marfan syndrome. Nature Genetics, 1997, 17, 218-222.	9.4	366
3	Partial sequence of a candidate gene for the Marfan syndrome. Nature, 1991, 352, 334-337.	13.7	364
4	Evidence for a critical contribution of haploinsufficiency in the complex pathogenesis of Marfan syndrome. Journal of Clinical Investigation, 2004, 114, 172-181.	3.9	319
5	Mutations in the fibrillin gene responsible for dominant ectopia lentis and neonatal Marfan syndrome. Nature Genetics, 1994, 6, 64-69.	9.4	257
6	FBN1: The disease-causing gene for Marfan syndrome and other genetic disorders. Gene, 2016, 591, 279-291.	1.0	230
7	Cell adhesion and integrin binding to recombinant human fibrillin-1. FEBS Letters, 1996, 384, 247-250.	1.3	151
8	Latent Transforming Growth Factor Î²-binding Proteins and Fibulins Compete for Fibrillin-1 and Exhibit Exquisite Specificities in Binding Sites. Journal of Biological Chemistry, 2009, 284, 16872-16881.	1.6	146
9	Fibrillins Can Co-assemble in Fibrils, but Fibrillin Fibril Composition Displays Cell-specific Differences. Journal of Biological Chemistry, 2003, 278, 2740-2749.	1.6	115
10	The fibrillin microfibril scaffold: A niche for growth factors and mechanosensation?. Matrix Biology, 2015, 47, 3-12.	1.5	107
11	Intracellular mechanisms of molecular recognition and sorting for transport of large extracellular matrix molecules. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6036-E6044.	3.3	101
12	In Vivo Studies of Mutant Fibrillin-1 Microfibrils. Journal of Biological Chemistry, 2010, 285, 24943-24955.	1.6	86
13	Fibrillin-1 in Human Cartilage: Developmental Expression and Formation of Special Banded Fibers. Journal of Histochemistry and Cytochemistry, 1997, 45, 1069-1082.	1.3	79
14	Abnormal Activation of BMP Signaling Causes Myopathy in Fbn2 Null Mice. PLoS Genetics, 2015, 11, e1005340.	1.5	47
15	Fibrillin delineates the primary axis of the early avian embryo. Developmental Dynamics, 1993, 196, 70-78.	0.8	46
16	Elastic extracellular matrix of the embryonic chick heart: An immunohistological study using laser confocal microscopy. Developmental Dynamics, 1994, 200, 321-332.	0.8	46
17	Intrinsic cardiomyopathy in Marfan syndrome: results from in-vivo and ex-vivo studies of the Fbn1C1039G/+ model and longitudinal findings in humans. Pediatric Research, 2015, 78, 256-263.	1.1	45
18	Immunodissection of the connective tissue matrix in human skin. , 1997, 38, 394-406.		43

#	Article	IF	Citations
19	Codependence of Bone Morphogenetic Protein Receptor 2 and Transforming Growth Factor-Î² in Elastic Fiber Assembly and Its Perturbation in Pulmonary Arterial Hypertension. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1559-1569.	1.1	41
20	Fibrillin protein pleiotropy: Acromelic dysplasias. Matrix Biology, 2019, 80, 6-13.	1.5	40
21	Sex, pregnancy and aortic disease in Marfan syndrome. PLoS ONE, 2017, 12, e0181166.	1.1	40
22	The acute kidney injury to chronic kidney diseaseÂtransition in a mouse model ofÂacuteÂcardiorenal syndrome emphasizes theÂroleÂofÂinflammation. Kidney International, 2020, 97, 95-105.	2.6	28
23	Pathogenic variants in THSD4, encoding the ADAMTS-like 6 protein, predispose to inherited thoracic aortic aneurysm. Genetics in Medicine, 2021, 23, 111-122.	1.1	25
24	Corneal stroma microfibrils. Experimental Eye Research, 2015, 132, 198-207.	1.2	23
25	Characterization of metabolic health in mouse models of fibrillin-1 perturbation. Matrix Biology, 2016, 55, 63-76.	1.5	23
26	Functional consequence of fibulin-4 missense mutations associated with vascular and skeletal abnormalities and cutis laxa. Matrix Biology, 2016, 56, 132-149.	1.5	19
27	Correlation of the Same Fields Imaged in the TEM, Confocal, LM, and MicroCT by Image Registration. Methods in Cell Biology, 2014, 124, 391-417.	0.5	16
28	The Structure and Function of Fibrillin. Novartis Foundation Symposium, 1995, 192, 128-147.	1.2	9
29	Fibrillinâ€1 in the Vasculature: In Vivo Accumulation of eGFPâ€Tagged Fibrillinâ€1 in a Knockin Mouse Model. Anatomical Record, 2020, 303, 1590-1603.	0.8	8
30	Missense mutation in SLIT2 associated with congenital myopia, anisometropia, connective tissue abnormalities, and obesity. Orphanet Journal of Rare Diseases, 2018, 13, 138.	1.2	7
31	Extracellular regulation of growth factor signaling by fibrillin microfibrils. FASEB Journal, 2009, 23, 309.3.	0.2	0