

Lynn Y Sakai

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

4,734
citations

304743

22
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

3940
citing authors

#	ARTICLE	IF	CITATIONS
1	Marfan syndrome caused by a recurrent de novo missense mutation in the fibrillin gene. <i>Nature</i> , 1991, 352, 337-339.	27.8	1,901
2	Targetting of the gene encoding fibrillinâ€™1 recapitulates the vascular aspect of Marfan syndrome. <i>Nature Genetics</i> , 1997, 17, 218-222.	21.4	366
3	Partial sequence of a candidate gene for the Marfan syndrome. <i>Nature</i> , 1991, 352, 334-337.	27.8	364
4	Evidence for a critical contribution of haploinsufficiency in the complex pathogenesis of Marfan syndrome. <i>Journal of Clinical Investigation</i> , 2004, 114, 172-181.	8.2	319
5	Mutations in the fibrillin gene responsible for dominant ectopia lentis and neonatal Marfan syndrome. <i>Nature Genetics</i> , 1994, 6, 64-69.	21.4	257
6	FBN1: The disease-causing gene for Marfan syndrome and other genetic disorders. <i>Gene</i> , 2016, 591, 279-291.	2.2	230
7	Cell adhesion and integrin binding to recombinant human fibrillin-1. <i>FEBS Letters</i> , 1996, 384, 247-250.	2.8	151
8	Latent Transforming Growth Factor Î²-binding Proteins and Fibulins Compete for Fibrillin-1 and Exhibit Exquisite Specificities in Binding Sites. <i>Journal of Biological Chemistry</i> , 2009, 284, 16872-16881.	3.4	146
9	Fibrillins Can Co-assemble in Fibrils, but Fibrillin Fibril Composition Displays Cell-specific Differences. <i>Journal of Biological Chemistry</i> , 2003, 278, 2740-2749.	3.4	115
10	The fibrillin microfibril scaffold: A niche for growth factors and mechanosensation?. <i>Matrix Biology</i> , 2015, 47, 3-12.	3.6	107
11	Intracellular mechanisms of molecular recognition and sorting for transport of large extracellular matrix molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6036-E6044.	7.1	101
12	In Vivo Studies of Mutant Fibrillin-1 Microfibrils. <i>Journal of Biological Chemistry</i> , 2010, 285, 24943-24955.	3.4	86
13	Fibrillin-1 in Human Cartilage: Developmental Expression and Formation of Special Banded Fibers. <i>Journal of Histochemistry and Cytochemistry</i> , 1997, 45, 1069-1082.	2.5	79
14	Abnormal Activation of BMP Signaling Causes Myopathy in Fbn2 Null Mice. <i>PLoS Genetics</i> , 2015, 11, e1005340.	3.5	47
15	Fibrillin delineates the primary axis of the early avian embryo. <i>Developmental Dynamics</i> , 1993, 196, 70-78.	1.8	46
16	Elastic extracellular matrix of the embryonic chick heart: An immunohistological study using laser confocal microscopy. <i>Developmental Dynamics</i> , 1994, 200, 321-332.	1.8	46
17	Intrinsic cardiomyopathy in Marfan syndrome: results from in-vivo and ex-vivo studies of the Fbn1C1039G/+ model and longitudinal findings in humans. <i>Pediatric Research</i> , 2015, 78, 256-263.	2.3	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- β 2 in Elastic Fiber Assembly and Its Perturbation in Pulmonary Arterial Hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1559-1569.	2.4	41
20	Fibrillin protein pleiotropy: Acromelic dysplasias. <i>Matrix Biology</i> , 2019, 80, 6-13.	3.6	40
21	Sex, pregnancy and aortic disease in Marfan syndrome. <i>PLoS ONE</i> , 2017, 12, e0181166.	2.5	40
22	The acute kidney injury to chronic kidney disease transition in a mouse model of acute cardiorenal syndrome emphasizes the role of inflammation. <i>Kidney International</i> , 2020, 97, 95-105.	5.2	28
23	Pathogenic variants in THSD4, encoding the ADAMTS-like 6 protein, predispose to inherited thoracic aortic aneurysm. <i>Genetics in Medicine</i> , 2021, 23, 111-122.	2.4	25
24	Corneal stroma microfibrils. <i>Experimental Eye Research</i> , 2015, 132, 198-207.	2.6	23
25	Characterization of metabolic health in mouse models of fibrillin-1 perturbation. <i>Matrix Biology</i> , 2016, 55, 63-76.	3.6	23
26	Functional consequence of fibulin-4 missense mutations associated with vascular and skeletal abnormalities and cutis laxa. <i>Matrix Biology</i> , 2016, 56, 132-149.	3.6	19
27	Correlation of the Same Fields Imaged in the TEM, Confocal, LM, and MicroCT by Image Registration. <i>Methods in Cell Biology</i> , 2014, 124, 391-417.	1.1	16
28	The Structure and Function of Fibrillin. <i>Novartis Foundation Symposium</i> , 1995, 192, 128-147.	1.1	9
29	Fibrillin α 1 in the Vasculature: <i>In Vivo</i> Accumulation of eGFP α Tagged Fibrillin α 1 in a Knockin Mouse Model. <i>Anatomical Record</i> , 2020, 303, 1590-1603.	1.4	8
30	Missense mutation in SLIT2 associated with congenital myopia, anisometropia, connective tissue abnormalities, and obesity. <i>Orphanet Journal of Rare Diseases</i> , 2018, 13, 138.	2.7	7
31	Extracellular regulation of growth factor signaling by fibrillin microfibrils. <i>FASEB Journal</i> , 2009, 23, 309.3.	0.5	0