

Katherine L Wilson

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,790
citations

623734

14
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

2099
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct structural and mechanical properties of the nuclear lamina in Hutchinson-Gilford progeria syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 10271-10276.	7.1	333
2	The nucleoskeleton as a genome-associated dynamic 'network of networks'. <i>Nature Reviews Molecular Cell Biology</i> , 2011, 12, 695-708.	37.0	257
3	Lamin-binding Proteins. <i>Cold Spring Harbor Perspectives in Biology</i> , 2010, 2, a000554-a000554.	5.5	228
4	NUCLEAR ASSEMBLY. <i>Annual Review of Cell and Developmental Biology</i> , 1997, 13, 669-695.	9.4	222
5	The nuclear envelope at a glance. <i>Journal of Cell Science</i> , 2010, 123, 1973-1978.	2.0	149
6	A role for ADP-ribosylation factor in nuclear vesicle dynamics. <i>Nature</i> , 1992, 358, 512-514.	27.8	119
7	Direct actin binding to A- and B-type lamin tails and actin filament bundling by the lamin A tail. <i>Nucleus</i> , 2010, 1, 264-272.	2.2	92
8	Functional evolution of nuclear structure. <i>Journal of Cell Biology</i> , 2011, 195, 171-181.	5.2	83
9	SINC, a type III secreted protein of <i>Chlamydia psittaci</i> , targets the inner nuclear membrane of infected cells and uninfected neighbors. <i>Molecular Biology of the Cell</i> , 2015, 26, 1918-1934.	2.1	64
10	Emerin intermolecular links to emerin and BAF. <i>Journal of Cell Science</i> , 2014, 127, 3956-69.	2.0	52
11	O-Linked β -N-Acetylglucosamine (O-GlcNAc) Regulates Emerin Binding to Barrier to Autointegration Factor (BAF) in a Chromatin- and Lamin B-enriched "Niche". <i>Journal of Biological Chemistry</i> , 2013, 288, 30192-30209.	3.4	39
12	A Lamin-Dependent Pathway That Regulates Nuclear Organization, Cell Cycle Progression and Germ Cell Development. <i>Novartis Foundation Symposium</i> , 2008, , 231-245.	1.1	28
13	VIROLOGY: HIV--Breaking the Rules for Nuclear Entry. <i>Science</i> , 2001, 294, 1016-1017.	12.6	19
14	Helping Scholars Overcome Socioeconomic Barriers to Medical and Biomedical Careers: Creating a Pipeline Initiative. <i>Teaching and Learning in Medicine</i> , 2020, 32, 422-433.	2.1	19
15	LMNA Sequences of 60,706 Unrelated Individuals Reveal 132 Novel Missense Variants in A-Type Lamins and Suggest a Link between Variant p.G602S and Type 2 Diabetes. <i>Frontiers in Genetics</i> , 2017, 8, 79.	2.3	17
16	Nuclear membrane protein emerin: roles in gene regulation, actin dynamics and human disease. <i>Novartis Foundation Symposium</i> , 2005, 264, 51-58; discussion 58-62, 227-30.	1.1	14
17	Integrity matters: Linking nuclear architecture to lifespan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18767-18768.	7.1	13
18	Genomic Action of Sigma-1 Receptor Chaperone Relates to Neuropathic Pain. <i>Molecular Neurobiology</i> , 2021, 58, 2523-2541.	4.0	10

#	ARTICLE	IF	CITATIONS
19	Rare BANF1 Alleles and Relatively Frequent EMD Alleles Including “Healthy Lipid”™ Emerin p.D149H in the ExAC Cohort. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 48.	3.7	9
20	Nuclear import pathway key to rescuing dominant progerin phenotypes. <i>Science Signaling</i> , 2018, 11, .	3.6	7
21	Nuclear envelope and lamin B2 function in the central nervous system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6121-6122.	7.1	4
22	How chromosomes unite. <i>Nature</i> , 2017, 551, 568-569.	27.8	3
23	Novel missense alleles of SIGMAR1 as tools to understand emerin-dependent gene silencing in response to cocaine. <i>Experimental Biology and Medicine</i> , 2019, 244, 1354-1361.	2.4	3
24	Cytoskeletal and nuclear (“nucleoskeletal”) intermediate filaments and disease. <i>Molecular Biology of the Cell</i> , 2011, 22, 725-725.	2.1	2
25	Editorial overview: Cell nucleus: Nuclear structure and organization”open frontiers in cell and genome biology. <i>Current Opinion in Cell Biology</i> , 2015, 34, v-vi.	5.4	1
26	Simple Separation of Functionally Distinct Populations of Lamin-Binding Proteins. <i>Methods in Enzymology</i> , 2016, 569, 101-114.	1.0	1
27	Preface. <i>Methods in Enzymology</i> , 2016, 569, xix-xx.	1.0	1