James M Holaska

List of Publications by Year
in descending order

37 papers	2,950 citations	279487 23 h-index	395343 33 g-index
39 all docs	39 docs citations	39 times ranked	2456 citing authors

#	Article	IF	Citations
1	Calreticulin Is a Receptor for Nuclear Export. Journal of Cell Biology, 2001, 152, 127-140.	2.3	245
2	Nesprin-1Î± self-associates and binds directly to emerin and lamin A in vitro. FEBS Letters, 2002, 525, 135-140.	1.3	218
3	Transcriptional Repressor Germ Cell-less (GCL) and Barrier to Autointegration Factor (BAF) Compete for Binding to Emerin in Vitro. Journal of Biological Chemistry, 2003, 278, 6969-6975.	1.6	198
4	Emerin Caps the Pointed End of Actin Filaments: Evidence for an Actin Cortical Network at the Nuclear Inner Membrane. PLoS Biology, 2004, 2, e231.	2.6	194
5	Disruption of nesprin-1 produces an Emery Dreifuss muscular dystrophy-like phenotype in mice. Human Molecular Genetics, 2009, 18, 607-620.	1.4	173
6	DNA binding domains in diverse nuclear receptors function as nuclear export signals. Current Biology, 2001, 11, 1749-1758.	1.8	155
7	An Emerin â€œProteomeâ€â€‰ Purification of Distinct Emerin-Containing Complexes from HeLa Cells Suggests Molecular Basis for Diverse Roles Including Gene Regulation, mRNA Splicing, Signaling, Mechanosensing, and Nuclear Architecture. Biochemistry, 2007, 46, 8897-8908.	1.2	155
8	Lmo7 is an emerin-binding protein that regulates the transcription of emerin and many other muscle-relevant genes. Human Molecular Genetics, 2006, 15, 3459-3472.	1.4	141
9	The Nuclear Envelope Protein Emerin Binds Directly to Histone Deacetylase 3 (HDAC3) and Activates HDAC3 Activity. Journal of Biological Chemistry, 2012, 287, 22080-22088.	1.6	134
10	Ran-Binding Protein 3 Is a Cofactor for Crm1-Mediated Nuclear Protein Export. Journal of Cell Biology, 2001, 153, 1391-1402.	2.3	128
11	Emerin binding to Btf, a death-promoting transcriptional repressor, is disrupted by a missense mutation that causes Emery-Dreifuss muscular dystrophy. FEBS Journal, 2004, 271, 1035-1045.	0.2	124
12	Nesprin-1 mutations in human and murine cardiomyopathy. Journal of Molecular and Cellular Cardiology, 2010, 48, 600-608.	0.9	124
13	The nuclear envelope, lamins and nuclear assembly. Current Opinion in Cell Biology, 2002, 14, 357-364.	2.6	113
14	Ca 2+ -Dependent Nuclear Export Mediated by Calreticulin. Molecular and Cellular Biology, 2002, 22, 6286-6297.	1.1	102
15	Identification of an NTF2-Related Factor That Binds Ran-GTP and Regulates Nuclear Protein Export. Molecular and Cellular Biology, 1999, 19, 8616-8624.	1.1	88
16	Emerin interacts in vitro with the splicing-associated factor, YT521-B. FEBS Journal, 2003, 270, 2459-2466.	0.2	85
17	Emerin and histone deacetylase 3 (HDAC3) cooperatively regulate expression and nuclear positions of MyoD, Myf5, and Pax7 genes during myogenesis. Chromosome Research, 2013, 21, 765-779.	1.0	78
18	Emerin in health and disease. Seminars in Cell and Developmental Biology, 2014, 29, 95-106.	2.3	73

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19	Emerin and the Nuclear Lamina in Muscle and Cardiac Disease. Circulation Research, 2008, 103, 16-23.	2.0	71
20	Nxt1 Is Necessary for the Terminal Step of Crm1-Mediated Nuclear Export. Journal of Cell Biology, 2001, 152, 141-156.	2.3	60
21	Emerin inhibits Lmo7 binding to thePax3andMyoDpromoters and expression of myoblast proliferation genes. Journal of Cell Science, 2011, 124, 1691-1702.	1.2	59
22	Multiple roles for emerin: Implications for Emery-Dreifuss muscular dystrophy. The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology, 2006, 288A, 676-680.	2.0	50
23	Loss of Emerin Alters Myogenic Signaling and miRNA Expression in Mouse Myogenic Progenitors. PLoS ONE, 2012, 7, e37262.	1.1	28
24	Disruption of the lamin A and matrin-3 interaction by myopathicLMNAmutations. Human Molecular Genetics, 2015, 24, 4284-4295.	1.4	27
25	Nuclear Membrane Protein Emerin: Roles in Gene Regulation, Actin Dynamics and Human Disease. Novartis Foundation Symposium, 2008, , 51-62.	1.2	23
26	LMO7â€null mice exhibit phenotypes consistent with emeryâ€dreifuss muscular dystrophy. Muscle and Nerve, 2015, 51, 222-228.	1.0	17
27	MAPK signaling pathways and HDAC3 activity are disrupted during emerin-null myogenic progenitor differentiation. DMM Disease Models and Mechanisms, 2017, 10, 385-397.	1.2	17
28	The Role of Emerin in Cancer Progression and Metastasis. International Journal of Molecular Sciences, 2021, 22, 11289.	1.8	15
29	Nuclear membrane protein emerin: roles in gene regulation, actin dynamics and human disease. Novartis Foundation Symposium, 2005, 264, 51-58; discussion 58-62, 227-30.	1.2	14
30	Expression Profiling of Differentiating Emerin-Null Myogenic Progenitor Identifies Molecular Pathways Implicated in Their Impaired Differentiation. Cells, 2017, 6, 38.	1.8	12
31	Defects in Emerinâ€“Nucleoskeleton Binding Disrupt Nuclear Structure and Promote Breast Cancer Cell Motility and Metastasis. Molecular Cancer Research, 2021, 19, 1196-1207.	1.5	11
32	Histone acetyltransferase inhibition rescues differentiation of emerinâ€deficient myogenic progenitors. Muscle and Nerve, 2020, 62, 128-136.	1.0	6
33	The Molecular Basis and Biologic Significance of the Î²-Dystroglycan-Emerin Interaction. International Journal of Molecular Sciences, 2020, 21, 5944.	1.8	5
34	Diseases of the Nucleoskeleton. , 2016, 6, 1655-1674.		4
35	The Use of Permeabilized Cell Systems to Study Nuclear Transport. , 2002, 189, 209-229.		2
36	EDMD-Causing Emerin Mutant Myogenic Progenitors Exhibit Impaired Differentiation Using Similar Mechanisms. Cells, 2020, 9, 1463.	1.8	1

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37	Emerin inhibits Lmo7 binding to the Pax3 and MyoD promoters and expression of myoblast proliferation genes. Development (Cambridge), 2011, 138, e1-e1.	1.2	0