Anne T Bertrand

List of Publications by Year
in descending order

35 papers	1,568 citations	279798 23 h-index	377865 34 g-index
38 all docs	38 docs citations	38 times ranked	2526 citing authors

#	Article	IF	Citations
1	Mutations of the FHL1 Gene Cause Emery-Dreifuss Muscular Dystrophy. American Journal of Human Genetics, 2009, 85, 338-353.	6.2	208
2	EUK-8, a Superoxide Dismutase and Catalase Mimetic, Reduces Cardiac Oxidative Stress and Ameliorates Pressure Overload-Induced Heart Failure in the Harlequin Mouse Mutant. Journal of the American College of Cardiology, 2006, 48, 824-832.	2.8	110
3	Clinical and genetic heterogeneity in laminopathies. Biochemical Society Transactions, 2011, 39, 1687-1692.	3.4	107
4	Cellular micro-environments reveal defective mechanosensing responses and elevated YAP signaling in LMNA-mutated muscle precursors. Journal of Cell Science, 2014, 127, 2873-84.	2.0	105
5	Downregulation of Apoptosis-Inducing Factor in Harlequin Mutant Mice Sensitizes the Myocardium to Oxidative Stressâ€"Related Cell Death and Pressure Overloadâ€"Induced Decompensation. Circulation Research, 2005, 96, e92-e101.	4.5	104
6	Satellite cell loss and impaired muscle regeneration in selenoprotein N deficiency. Human Molecular Genetics, 2011, 20, 694-704.	2.9	87
7	DelK32-lamin A/C has abnormal location and induces incomplete tissue maturation and severe metabolic defects leading to premature death. Human Molecular Genetics, 2012, 21, 1037-1048.	2.9	77
8	New Role for Serum Response Factor in Postnatal Skeletal Muscle Growth and Regeneration via the Interleukin 4 and Insulin-Like Growth Factor 1 Pathways. Molecular and Cellular Biology, 2006, 26, 6664-6674.	2.3	72
9	Heterozygous LmnadelK32 mice develop dilated cardiomyopathy through a combined pathomechanism of haploinsufficiency and peptide toxicity. Human Molecular Genetics, 2013, 22, 3152-3164.	2.9	72
10	FHL1 is a major host factor for chikungunya virus infection. Nature, 2019, 574, 259-263.	27.8	49
11	Striated muscle laminopathies. Seminars in Cell and Developmental Biology, 2014, 29, 107-115.	5.0	48
12	CAPON expression in skeletal muscle is regulated by position, repair, NOS activity, and dystrophy. Experimental Cell Research, 2005, 302, 170-179.	2.6	47
13	Type B mandibuloacral dysplasia with congenital myopathy due to homozygous ZMPSTE24 missense mutation. European Journal of Human Genetics, 2011, 19, 647-654.	2.8	44
14	Severe dystonia, cerebellar atrophy, and cardiomyopathy likely caused by a missense mutation in TOR1AIP1. Orphanet Journal of Rare Diseases, 2014, 9, 174.	2.7	43
15	Nuclear accumulation of androgen receptor in gender difference of dilated cardiomyopathy due to lamin A/C mutations. Cardiovascular Research, 2013, 99, 382-394.	3.8	41
16	Lysosomal integral membrane protein 2 is a novel component of the cardiac intercalated disc and vital for load-induced cardiac myocyte hypertrophy. Journal of Experimental Medicine, 2007, 204, 1227-1235.	8.5	37
17	Muscle dystrophy-causing Î”K32 lamin A/C mutant does not impair functions of nucleoplasmic LAP2Î± - lamin A/C complexes in mice. Journal of Cell Science, 2013, 126, 1753-62.	2.0	31
18	Muscle electrotransfer as a tool for studying muscle fiber-specific and nerve-dependent activity of promoters. American Journal of Physiology - Cell Physiology, 2003, 285, C1071-C1081.	4.6	30

#	Article	IF	Citations
19	Mutation in lamin A/C sensitizes the myocardium to exercise-induced mechanical stress but has no effect on skeletal muscles in mouse. Neuromuscular Disorders, 2016, 26, 490-499.	0.6	30
20	The Pathogenesis and Therapies of Striated Muscle Laminopathies. Frontiers in Physiology, 2018, 9, 1533.	2.8	30
21	Apoptosis-Inducing Factor Regulates Skeletal Muscle Progenitor Cell Number and Muscle Phenotype. PLoS ONE, 2011, 6, e27283.	2.5	30
22	Gene Therapy via Trans-Splicing for LMNA-Related Congenital Muscular Dystrophy. Molecular Therapy - Nucleic Acids, 2018, 10, 376-386.	5.1	29
23	Lamin A/C Assembly Defects in LMNA-Congenital Muscular Dystrophy Is Responsible for the Increased Severity of the Disease Compared with Emeryâ€“Dreifuss Muscular Dystrophy. Cells, 2020, 9, 844.	4.1	29
24	Lamin A/C Mutants Disturb Sumo1 Localization and Sumoylation in Vitro and in Vivo. PLoS ONE, 2012, 7, e45918.	2.5	26
25	FHL1B Interacts with Lamin A/C andÂEmerin at the Nuclear Lamina andÂisÂMisregulated in Emery-Dreifuss Muscular Dystrophy. Journal of Neuromuscular Diseases, 2016, 3, 497-510.	2.6	17
26	A Muscle Hybrid Promoter as a Novel Tool for Gene Therapy. Molecular Therapy - Methods and Clinical Development, 2019, 15, 157-169.	4.1	16
27	Mouse muscle identity: The position-dependent and fast fiber-specific expression of a transgene in limb muscles is methylation-independent and cell-autonomous. Developmental Dynamics, 2003, 228, 594-605.	1.8	7
28	SMAD6 overexpression leads to accelerated myogenic differentiation of LMNA mutated cells. Scientific Reports, 2018, 8, 5618.	3.3	6
29	Protein Kinase C Alpha Cellular Distribution, Activity, and Proximity with Lamin A/C in Striated Muscle Laminopathies. Cells, 2020, 9, 2388.	4.1	6
30	Consequences of Lmna Exon 4 Mutations in Myoblast Function. Cells, 2020, 9, 1286.	4.1	6
31	Preclinical Advances of Therapies for Laminopathies. Journal of Clinical Medicine, 2021, 10, 4834.	2.4	4
32	Gene Therapy for LMNA-related Congenital Muscular Dystrophy (L-CMD) by Trans-Splicing. Orphanet Journal of Rare Diseases, 2015, 10, .	2.7	2
33	Diseases of the Nucleoskeleton. , 2012, , 1003-1012.		0
34	FHL1 protein isoforms in Emery-Dreifuss muscular dystrophy. Orphanet Journal of Rare Diseases, 2015, 10, .	2.7	0
35	Lysosomal integral membrane protein 2 is a novel component of the cardiac intercalated disc and vital for load-induced cardiac myocyte hypertrophy. Journal of Cell Biology, 2007, 177, i5-i5.	5.2	0