Bruno Cadot

List of Publications by Year in descending order

39 papers	1,847 citations	361045 20 h-index	433756 31 g-index
47 all docs	47 docs citations	47 times ranked	2788 citing authors

#	Article	IF	Citations
1	Reconstituting the Interaction Between Purified Nuclei and Microtubule Network. Methods in Molecular Biology, 2022, 2430, 385-399.	0.4	0
2	TGFÎ² signaling curbs cell fusion and muscle regeneration. Nature Communications, 2021, 12, 750.	5.8	61
3	Actin on and around the Nucleus. Trends in Cell Biology, 2021, 31, 211-223.	3.6	74
4	Ctdnep1 and Eps8L2 regulate dorsal actin cables for nuclear positioning during cell migration. Current Biology, 2021, 31, 1521-1530.e8.	1.8	12
5	MUSCLE FUNCTION & HOMEOSTASIS / MOLECULAR THERAPEUTIC APPROACHES. Neuromuscular Disorders, 2020, 30, S66-S67.	0.3	0
6	Science during lockdown â€“ from virtual seminars to sustainable online communities. Journal of Cell Science, 2020, 133, .	1.2	35
7	Nesprins are mechanotransducers that discriminate epithelialâ€“mesenchymal transition programs. Journal of Cell Biology, 2020, 219, .	2.3	35
8	Nesprinâ€2 accumulates at the front of the nucleus during confined cell migration. EMBO Reports, 2020, 21, e49910.	2.0	39
9	Dullard-mediated Smad1/5/8 inhibition controls mouse cardiac neural crest cells condensation and outflow tract septation. ELife, 2020, 9, .	2.8	15
10	An embryonic CaVÎ²1 isoform promotes muscle mass maintenance via GDF5 signaling in adult mouse. Science Translational Medicine, 2019, 11, .	5.8	15
11	La signalisation TGFÎ² contrÃ1e la fusion cellulaire et la rÃ©gÃ©nÃ©ration musculaire. Les Cahiers De Myologie, 2019, , 33-34.	0.0	0
12	Nuclear positioning: A matter of life. Seminars in Cell and Developmental Biology, 2018, 82, 1-2.	2.3	2
13	NEW INSIGHTS INTO CELLULAR FUNCTIONS. Neuromuscular Disorders, 2018, 28, S88-S89.	0.3	0
14	Microtubule motors involved in nuclear movement during skeletal muscle differentiation. Molecular Biology of the Cell, 2017, 28, 865-874.	0.9	43
15	Molecular motors and nuclear movements in muscle. Communicative and Integrative Biology, 2017, 10, e1319537.	0.6	1
16	Mechanotransduction at the Nuclear Envelope. Biophysical Journal, 2017, 112, 458a.	0.2	0
17	Nesprin-1Î±-Dependent Microtubule Nucleation from the Nuclear Envelope via Akap450 Is Necessary for Nuclear Positioning in Muscle Cells. Current Biology, 2017, 27, 2999-3009.e9.	1.8	125
18	Myofibril contraction and crosslinking drive nuclear movement to the periphery of skeletal muscle. Nature Cell Biology, 2017, 19, 1189-1201.	4.6	100

#	Article	IF	Citations
19	In Vitro Differentiation of Mature Myofibers for Live Imaging. Journal of Visualized Experiments, 2017, , .	0.2	29
20	Skeletal Muscle. , 2016, , 677-682.		2
21	A system to study mechanisms of neuromuscular junction development and maintenance. Development (Cambridge), 2016, 143, 2464-77.	1.2	35
22	Dynein disruption perturbs post-synaptic components and contributes to impaired MuSK clustering at the NMJ: implication in ALS. Scientific Reports, 2016, 6, 27804.	1.6	26
23	A system for studying mechanisms of neuromuscular junction development and maintenance. Journal of Cell Science, 2016, 129, e1.2-e1.2.	1.2	1
24	Pax3 and Pax7 Play Essential Safeguard Functions against Environmental Stress-Induced Birth Defects. Developmental Cell, 2015, 33, 56-66.	3.1	51
25	Moving and positioning the nucleus in skeletal muscle â€“ one step at a time. Nucleus, 2015, 6, 373-381.	0.6	93
26	Fast, Multi-Dimensional and Simultaneous Kymograph-Like Particle Dynamics (SkyPad) Analysis. PLoS ONE, 2014, 9, e89073.	1.1	6
27	G.P.93. Neuromuscular Disorders, 2014, 24, 822-823.	0.3	0
28	MAP and kinesin-dependent nuclear positioning is required for skeletal muscle function. Nature, 2012, 484, 120-124.	13.7	249
29	Nuclear movement during myotube formation is microtubule and dynein dependent and is regulated by Cdc42, Par6 and Par3. EMBO Reports, 2012, 13, 741-749.	2.0	111
30	The sterile alpha-motif (SAM) domain of p63 binds in vitro monoasialoganglioside (GM1) micelles. Biochemical Pharmacology, 2011, 82, 1262-1268.	2.0	21
31	Identification and characterization of a non-satellite cell muscle resident progenitor during postnatal development. Nature Cell Biology, 2010, 12, 257-266.	4.6	390
32	Loss of Histone Deacetylase 4 Causes Segregation Defects during Mitosis of p53-Deficient Human Tumor Cells. Cancer Research, 2009, 69, 6074-6082.	0.4	36
33	NMR Structure of the p63 SAM Domain and Dynamical Properties of G534V and T537P Pathological Mutants, Identified in the AEC Syndrome. Cell Biochemistry and Biophysics, 2006, 44, 475-489.	0.9	19
34	p73-alpha is capable of inducing scotin and ER stress. Oncogene, 2004, 23, 3721-3725.	2.6	52
35	Overexpressed transglutaminase 5 triggers cell death. Amino Acids, 2004, 26, 405-8.	1.2	1
36	Transglutaminase 5 is regulated by guanineâ€“adenine nucleotides1. Biochemical Journal, 2004, 381, 313-319.	1.7	52

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37	Differential expression of the ccn3 (nov) proto-oncogene in human prostate cell lines and tissues. Journal of Clinical Pathology, 2001, 54, 275-280.	2.1	62
38	Patterns of specific genomic alterations associated with poor prognosis in high-grade renal cell carcinomas. Cancer Genetics and Cytogenetics, 2001, 130, 105-110.	1.0	44
39	Actin Accumulates Nesprin-2 at the Front of the Nucleus During Confined Cell Migration. SSRN Electronic Journal, 0, , .	0.4	2