

StÃ©phane Vassilopoulos

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,894
citations

304368

22
h-index

360668

35
g-index

45
all docs

45
docs citations

45
times ranked

2908
citing authors

#	ARTICLE	IF	CITATIONS
1	Misregulated alternative splicing of BIN1 is associated with T tubule alterations and muscle weakness in myotonic dystrophy. <i>Nature Medicine</i> , 2011, 17, 720-725.	15.2	299
2	The caveolae dress code: structure and signaling. <i>Current Opinion in Cell Biology</i> , 2017, 47, 117-125.	2.6	119
3	A centronuclear myopathy-dynamin 2 mutation impairs skeletal muscle structure and function in mice. <i>Human Molecular Genetics</i> , 2010, 19, 4820-4836.	1.4	107
4	A Role for the CHC22 Clathrin Heavy-Chain Isoform in Human Glucose Metabolism. <i>Science</i> , 2009, 324, 1192-1196.	6.0	98
5	Ultrastructure of the axonal periodic scaffold reveals a braid-like organization of actin rings. <i>Nature Communications</i> , 2019, 10, 5803.	5.8	97
6	Tubular clathrin/AP-2 lattices pinch collagen fibers to support 3D cell migration. <i>Science</i> , 2017, 356, .	6.0	94
7	Clathrin coated pits, plaques and adhesion. <i>Journal of Structural Biology</i> , 2016, 196, 48-56.	1.3	81
8	MT1-MMP directs force-producing proteolytic contacts that drive tumor cell invasion. <i>Nature Communications</i> , 2019, 10, 4886.	5.8	77
9	Microtubules tune mechanosensitive cell responses. <i>Nature Materials</i> , 2022, 21, 366-377.	13.3	77
10	Caveolae: The FAQs. <i>Traffic</i> , 2020, 21, 181-185.	1.3	65
11	EHD2 is a mechanotransducer connecting caveolae dynamics with gene transcription. <i>Journal of Cell Biology</i> , 2018, 217, 4092-4105.	2.3	63
12	Increased Muscle Stress-Sensitivity Induced by Selenoprotein N Inactivation in Mouse: A Mammalian Model for SEPN1-Related Myopathy. <i>PLoS ONE</i> , 2011, 6, e23094.	1.1	61
13	Actin scaffolding by clathrin heavy chain is required for skeletal muscle sarcomere organization. <i>Journal of Cell Biology</i> , 2014, 205, 377-393.	2.3	60
14	DHPR Î±1S subunit controls skeletal muscle mass and morphogenesis. <i>EMBO Journal</i> , 2010, 29, 643-654.	3.5	59
15	A Centronuclear Myopathy “ Dynamin 2 Mutation Impairs Autophagy in Mice. <i>Traffic</i> , 2012, 13, 869-879.	1.3	52
16	Srf controls satellite cell fusion through the maintenance of actin architecture. <i>Journal of Cell Biology</i> , 2018, 217, 685-700.	2.3	52
17	Allele-specific silencing therapy for Dynamin 2-related dominant centronuclear myopathy. <i>EMBO Molecular Medicine</i> , 2018, 10, 239-253.	3.3	40
18	Clathrin plaques and associated actin anchor intermediate filaments in skeletal muscle. <i>Molecular Biology of the Cell</i> , 2019, 30, 579-590.	0.9	40

#	ARTICLE	IF	CITATIONS
19	Triadin: what possible function 20 years later?. <i>Journal of Physiology</i> , 2009, 587, 3117-3121.	1.3	36
20	Triadin (Trisk 95) Overexpression Blocks Excitation-Contraction Coupling in Rat Skeletal Myotubes. <i>Journal of Biological Chemistry</i> , 2005, 280, 39302-39308.	1.6	33
21	Triadins Are Not Triad-specific Proteins. <i>Journal of Biological Chemistry</i> , 2005, 280, 28601-28609.	1.6	33
22	Alternative splicing of clathrin heavy chain contributes to the switch from coated pits to plaques. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	31
23	A mechano-osmotic feedback couples cell volume to the rate of cell deformation. <i>ELife</i> , 2022, 11, .	2.8	27
24	Cargo regulates clathrin-coated pit invagination via clathrin light chain phosphorylation. <i>Journal of Cell Biology</i> , 2018, 217, 4253-4266.	2.3	25
25	CHC22 and CHC17 clathrins have distinct biochemical properties and display differential regulation and function. <i>Journal of Biological Chemistry</i> , 2017, 292, 20834-20844.	1.6	24
26	Samaritan myopathy, an ultimately benign congenital myopathy, is caused by a RYR1 mutation. <i>Acta Neuropathologica</i> , 2012, 124, 575-581.	3.9	22
27	Correlative SICM–FCM reveals changes in morphology and kinetics of endocytic pits induced by disease–associated mutations in dynamin. <i>FASEB Journal</i> , 2019, 33, 8504-8518.	0.2	21
28	The CHC22 Clathrin-GLUT4 Transport Pathway Contributes to Skeletal Muscle Regeneration. <i>PLoS ONE</i> , 2013, 8, e77787.	1.1	19
29	Therapy for Dominant Inherited Diseases by Allele-Specific RNA Interference: Successes and Pitfalls. <i>Current Gene Therapy</i> , 2015, 15, 503-510.	0.9	19
30	Caveolin 3 Is Associated with the Calcium Release Complex and Is Modified via in Vivo Triadin Modification. <i>Biochemistry</i> , 2010, 49, 6130-6135.	1.2	18
31	Retrograde regulation of store-operated calcium channels by the ryanodine receptor-associated protein triadin 95 in rat skeletal myotubes. <i>Cell Calcium</i> , 2007, 41, 179-185.	1.1	10
32	Structural organization and dynamics of FCho2 docking on membranes. <i>ELife</i> , 2022, 11, .	2.8	9
33	Unconventional roles for membrane traffic proteins in response to muscle membrane stress. <i>Current Opinion in Cell Biology</i> , 2020, 65, 42-49.	2.6	8
34	Role of dynamin 2 in the disassembly of focal adhesions. <i>Journal of Molecular Medicine</i> , 2013, 91, 803-809.	1.7	7
35	Actin scaffolding by clathrin heavy chain is required for skeletal muscle sarcomere organization. <i>Journal of General Physiology</i> , 2014, 143, 1436OIA20.	0.9	0