

Larry S Tobacman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3095160/publications.pdf>

Version: 2024-02-01

11
papers

789
citations

840776
11
h-index

1281871
11
g-index

11
all docs

11
docs citations

11
times ranked

607
citing authors

#	ARTICLE	IF	CITATIONS
1	Tropomyosin Position on F-Actin Revealed by EM Reconstruction and Computational Chemistry. <i>Biophysical Journal</i> , 2011, 100, 1005-1013.	0.5	147
2	Structure of the mid-region of tropomyosin: Bending and binding sites for actin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18878-18883.	7.1	144
3	The Troponin Tail Domain Promotes a Conformational State of the Thin Filament That Suppresses Myosin Activity. <i>Journal of Biological Chemistry</i> , 2002, 277, 27636-27642.	3.4	88
4	Regulation of force and unloaded sliding speed in single thin filaments: effects of regulatory proteins and calcium. <i>Journal of Physiology</i> , 2000, 524, 233-243.	2.9	87
5	Roles for the Troponin Tail Domain in Thin Filament Assembly and Regulation. <i>Journal of Biological Chemistry</i> , 1999, 274, 7157-7164.	3.4	73
6	Folding and Function of the Troponin Tail Domain. <i>Journal of Biological Chemistry</i> , 2003, 278, 506-513.	3.4	69
7	Cardiomyopathic Tropomyosin Mutations That Increase Thin Filament Ca ²⁺ Sensitivity and Tropomyosin N-domain Flexibility. <i>Journal of Biological Chemistry</i> , 2003, 278, 41742-41748.	3.4	52
8	Troponin Revealed: Uncovering the Structure of the Thin Filament On-Off Switch in Striated Muscle. <i>Biophysical Journal</i> , 2021, 120, 1-9.	0.5	44
9	Drosophila Muscle Regulation Characterized by Electron Microscopy and Three-Dimensional Reconstruction of Thin Filament Mutants. <i>Biophysical Journal</i> , 2004, 86, 1618-1624.	0.5	40
10	Cardiomyopathic troponin mutations predominantly occur at its interface with actin and tropomyosin. <i>Journal of General Physiology</i> , 2021, 153, .	1.9	24
11	<i>TNNT2</i> mutations in the tropomyosin binding region of <i>TNT1</i> disrupt its role in contractile inhibition and stimulate cardiac dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18822-18831.	7.1	21