Szymon J Ciesielski

List of Publications by Year
in descending order

9 papers	264 citations	1306789 7 h-index	1473754 9 g-index
9 all docs	9 docs citations	9 times ranked	407 citing authors

#	Article	IF	Citations
1	Congenital sideroblastic anemia due to mutations in the mitochondrial HSP70 homologue HSPA9. Blood, 2015, 126, 2734-2738.	0.6	78
2	Roles of Intramolecular and Intermolecular Interactions in Functional Regulation of the Hsp70 J-protein Co-Chaperone Sis1. Journal of Molecular Biology, 2015, 427, 1632-1643.	2.0	46
3	Overlapping Binding Sites of the Frataxin Homologue Assembly Factor and the Heat Shock Protein 70 Transfer Factor on the Isu Iron-Sulfur Cluster Scaffold Protein. Journal of Biological Chemistry, 2014, 289, 30268-30278.	1.6	38
4	Broadening the functionality of a J-protein/Hsp70 molecular chaperone system. PLoS Genetics, 2017, 13, e1007084.	1.5	30
5	Protection of scaffold protein Isu from degradation by the Lon protease Pim1 as a component of Feâ€“S cluster biogenesis regulation. Molecular Biology of the Cell, 2016, 27, 1060-1068.	0.9	22
6	Ironâ€“Sulfur Cluster Biogenesis Chaperones: Evidence for Emergence of Mutational Robustness of a Highly Specific Proteinâ€“Protein Interaction. Molecular Biology and Evolution, 2016, 33, 643-656.	3.5	19
7	Two-step mechanism of J-domain action in driving Hsp70 function. PLoS Computational Biology, 2020, 16, e1007913.	1.5	18
8	Structure and evolution of the 4-helix bundle domain of Zuotin, a J-domain protein co-chaperone of Hsp70. PLoS ONE, 2019, 14, e0217098.	1.1	8
9	Posttranslational control of the scaffold for Feâ€“S cluster biogenesis as a compensatory regulatory mechanism. Current Genetics, 2017, 63, 51-56.	0.8	5