

Anna A. Rauscher

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

174
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

338
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting Myosin by Blebbistatin Derivatives: Optimization and Pharmacological Potential. Trends in Biochemical Sciences, 2018, 43, 700-713.	7.5	73
2	Magnesium Modulates Actin Binding and ADP Release in Myosin Motors. Journal of Biological Chemistry, 2014, 289, 23977-23991.	3.4	31
3	Single Residue Variation in Skeletal Muscle Myosin Enables Direct and Selective Drug Targeting for Spasticity and Muscle Stiffness. Cell, 2020, 183, 335-346.e13.	28.9	21
4	Relating the shape of protein binding sites to binding affinity profiles: is there an association?. BMC Structural Biology, 2010, 10, 32.	2.3	13
5	Temperature dependence of internal friction in enzyme reactions. FASEB Journal, 2011, 25, 2804-2813.	0.5	13
6	Molecular Tattoo: Subcellular Confinement of Drug Effects. Chemistry and Biology, 2015, 22, 548-558.	6.0	11
7	Cycling Cross-Bridges Contribute to Thin Filament Activation in Human Slow-Twitch Fibers. Frontiers in Physiology, 2020, 11, 144.	2.8	5
8	Improved Inhibitory and Absorption, Distribution, Metabolism, Excretion, and Toxicology (ADMET) Properties of Blebbistatin Derivatives Indicate That Blebbistatin Scaffold Is Ideal for drug Development Targeting Myosin-2. Journal of Pharmacology and Experimental Therapeutics, 2021, 376, 358-373.	2.5	5
9	Chiral HPLC separation of enantiomeric blebbistatin derivatives and racemization analysis in vertebrate tissues. Journal of Pharmaceutical and Biomedical Analysis, 2021, 204, 114246.	2.8	2
10	A Model with Two Elastically Coupled Reaction Coordinates for the Internal Friction of Proteins. Biophysical Journal, 2012, 102, 52a.	0.5	0