Jiahui Tao

List of Publications by Year
in descending order

11 papers	561 citations	1163117 8 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	978 citing authors

#	Article	IF	Citations
1	Trimethylamine N-Oxide Binds and Activates PERK to Promote Metabolic Dysfunction. Cell Metabolism, 2019, 30, 1141-1151.e5.	16.2	215
2	Endoplasmic Reticulum Stress Signaling Pathways: Activation and Diseases. Current Protein and Peptide Science, 2019, 20, 935-943.	1.4	26
3	The luminal domain of the ER stress sensor protein PERK binds misfolded proteins and thereby triggers PERK oligomerization. Journal of Biological Chemistry, 2018, 293, 4110-4121.	3.4	98
4	Design of Allosteric Stimulators of the Hsp90 ATPase as New Anticancer Leads. Chemistry - A European Journal, 2017, 23, 5188-5192.	3.3	33
5	Frontispiece: Design of Allosteric Stimulators of the Hsp90 ATPase as New Anticancer Leads. Chemistry - A European Journal, 2017, 23, .	3.3	0
6	Synthesis of Functionalized 2â€(4â€Hydroxyphenyl)â€3â€methylbenzofuran Allosteric Modulators of Hsp90 Activity. European Journal of Organic Chemistry, 2016, 2016, 3349-3364.	2.4	17
7	Molecular Dynamics Simulations Reveal the Mechanisms of Allosteric Activation of Hsp90 by Designed Ligands. Scientific Reports, 2016, 6, 23830.	3.3	71
8	Activation of Hsp90 Enzymatic Activity and Conformational Dynamics through Rationally Designed Allosteric Ligands. Chemistry - A European Journal, 2015, 21, 13598-13608.	3.3	65
9	Structural Insight into the Protective Role of P58(IPK) during Unfolded Protein Response. Methods in Enzymology, 2011, 490, 259-270.	1.0	8
10	Crystal Structure of P58(IPK) TPR Fragment Reveals the Mechanism for its Molecular Chaperone Activity in UPR. Journal of Molecular Biology, 2010, 397, 1307-1315.	4.2	22
11	Preliminary X-ray crystallographic studies of mouse UPR responsive protein P58(IPK) TPR fragment. Acta Crystallographica Section F: Structural Biology Communications, 2008, 64, 108-110.	0.7	6