

# Jiahui Tao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10384913/publications.pdf>

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