Tai Wang

List of Publications by Year
in descending order

21 papers	825 citations	623734 14 h-index	752698 20 g-index
22 all docs	22 docs citations	22 times ranked	1087 citing authors

#	Article	IF	Citations
1	Diseaseâ€specific interactome alterations via epichaperomics: the case for Alzheimerâ€™s disease. FEBS Journal, 2022, 289, 2047-2066.	4.7	12
2	The penalty of stress â€•Epichaperomes negatively reshaping the brain in neurodegenerative disorders. Journal of Neurochemistry, 2021, 159, 958-979.	3.9	14
3	Pharmacologically controlling protein-protein interactions through epichaperomes for therapeutic vulnerability in cancer. Communications Biology, 2021, 4, 1333.	4.4	11
4	A Chemical Biology Approach to the Chaperome in Cancerâ€”HSP90 and Beyond. Cold Spring Harbor Perspectives in Biology, 2020, 12, a034116.	5.5	32
5	Gold/alpha-lactalbumin nanoprobes for the imaging and treatment of breast cancer. Nature Biomedical Engineering, 2020, 4, 686-703.	22.5	65
6	Molecular Stressors Engender Protein Connectivity Dysfunction through Aberrant N-Glycosylation of a Chaperone. Cell Reports, 2020, 31, 107840.	6.4	32
7	The epichaperome is a mediator of toxic hippocampal stress and leads to protein connectivity-based dysfunction. Nature Communications, 2020, 11, 319.	12.8	46
8	Chaperome NetworksÂâ€“ Redundancy and Implications for Cancer Treatment. Advances in Experimental Medicine and Biology, 2020, 1243, 87-99.	1.6	17
9	Paradigms for Precision Medicine in Epichaperome Cancer Therapy. Cancer Cell, 2019, 36, 559-573.e7.	16.8	40
10	The sensitivity to Hsp90 inhibitors of both normal and oncogenically transformed cells is determined by the equilibrium between cellular quiescence and activity. PLoS ONE, 2019, 14, e0208287.	2.5	23
11	Chaperome heterogeneity and its implications for cancer study and treatment. Journal of Biological Chemistry, 2019, 294, 2162-2179.	3.4	37
12	Harnessing the Epichaperome As a Therapeutic Approach in Multiple Myeloma. Blood, 2019, 134, 4399-4399.	1.4	0
13	HSP90-incorporating chaperome networks as biosensor for disease-related pathways in patient-specific midbrain dopamine neurons. Nature Communications, 2018, 9, 4345.	12.8	40
14	Adapting to stress â€” chaperome networks in cancer. Nature Reviews Cancer, 2018, 18, 562-575.	28.4	105
15	Proteomic interrogation of HSP90 and insights for medical research. Expert Review of Proteomics, 2017, 14, 1105-1117.	3.0	18
16	Long-Lasting and Fast-Acting in Vivo Efficacious Antiplasmodial Azepanylcarbazole Amino Alcohol. ACS Medicinal Chemistry Letters, 2017, 8, 1304-1308.	2.8	12
17	The epichaperome is an integrated chaperome network that facilitates tumour survival. Nature, 2016, 538, 397-401.	27.8	233
18	Inhibition of Plasmodium falciparum Hsp90 Contributes to the Antimalarial Activities of Aminoalcohol-carbazoles. Journal of Medicinal Chemistry, 2016, 59, 6344-6352.	6.4	34

#	Article	IF	Citations
19	Stressing Out Hsp90 in Neurotoxic Proteinopathies. Current Topics in Medicinal Chemistry, 2016, 16, 2829-2838.	2.1	14
20	Differences in Conformational Dynamics between Plasmodium falciparum and Human Hsp90 Orthologues Enable the Structure-Based Discovery of Pathogen-Selective Inhibitors. Journal of Medicinal Chemistry, 2014, 57, 2524-2535.	6.4	38
21	Overview of Molecular Chaperones in Health and Disease. RSC Drug Discovery Series, 2013, , 1-36.	0.3	2