

Christopher G Mayne

List of Publications by Year in descending order

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12
papers

1,033
citations

1040056

9
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

1979
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid parameterization of small molecules using the force field toolkit. <i>Journal of Computational Chemistry</i> , 2013, 34, 2757-2770.	3.3	403
2	Estrogen receptor alpha somatic mutations Y537S and D538G confer breast cancer endocrine resistance by stabilizing the activating function-2 binding conformation. <i>ELife</i> , 2016, 5, .	6.0	212
3	Structural underpinnings of oestrogen receptor mutations in endocrine therapy resistance. <i>Nature Reviews Cancer</i> , 2018, 18, 377-388.	28.4	148
4	Stapled Peptides with Methylated Hydrocarbon Chains for the Estrogen Receptor/Coactivator Interaction. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4252-4255.	13.8	73
5	The SERM/SERD basedoxifene disrupts ESR1 helix 12 to overcome acquired hormone resistance in breast cancer cells. <i>ELife</i> , 2018, 7, .	6.0	72
6	Neural-Network Scoring Functions Identify Structurally Novel Estrogen-Receptor Ligands. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 1953-1961.	5.4	31
7	Adamantyl Antiestrogens with Novel Side Chains Reveal a Spectrum of Activities in Suppressing Estrogen Receptor Mediated Activities in Breast Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6321-6336.	6.4	27
8	A cross-stitched peptide with improved helicity and proteolytic stability. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 3702-3706.	2.8	26
9	Assembly and Analysis of Cell-Scale Membrane Envelopes. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 602-617.	5.4	17
10	Antagonists for Constitutively Active Mutant Estrogen Receptors: Insights into the Roles of Antiestrogen-Core and Side-Chain. <i>ACS Chemical Biology</i> , 2018, 13, 3374-3384.	3.4	8
11	Defining the Energetic Basis for a Conformational Switch Mediating Ligand-Independent Activation of Mutant Estrogen Receptors in Breast Cancer. <i>Molecular Cancer Research</i> , 2021, 19, 1559-1570.	3.4	6
12	A mutant form of ER α associated with estrogen insensitivity affects the coupling between ligand binding and coactivator recruitment. <i>Science Signaling</i> , 2020, 13, .	3.6	5