

Matthias R Bauer

List of Publications by Year in descending order

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11
papers

507
citations

840119

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784
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Electrostatic Complementarity as a Fast and Effective Tool to Optimize Binding and Selectivity of Protein–Ligand Complexes. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3036-3050. | 2.9 | 93 |
| 2 | 2-Sulfonylpyrimidines: Mild alkylating agents with anticancer activity toward p53-compromised cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5271-80. | 3.3 | 88 |
| 3 | Aminobenzothiazole derivatives stabilize the thermolabile p53 cancer mutant Y220C and show anticancer activity in p53-Y220C cell lines. <i>European Journal of Medicinal Chemistry</i> , 2018, 152, 101-114. | 2.6 | 57 |
| 4 | Harnessing Fluorine–Sulfur Contacts and Multipolar Interactions for the Design of p53 Mutant Y220C Rescue Drugs. <i>ACS Chemical Biology</i> , 2016, 11, 2265-2274. | 1.6 | 56 |
| 5 | A structure-guided molecular chaperone approach for restoring the transcriptional activity of the p53 cancer mutant Y220C. <i>Future Medicinal Chemistry</i> , 2019, 11, 2491-2504. | 1.1 | 53 |
| 6 | Exploiting Transient Protein States for the Design of Small-Molecule Stabilizers of Mutant p53. <i>Structure</i> , 2015, 23, 2246-2255. | 1.6 | 45 |
| 7 | Targeting Cavity-Creating p53 Cancer Mutations with Small-Molecule Stabilizers: the Y220X Paradigm. <i>ACS Chemical Biology</i> , 2020, 15, 657-668. | 1.6 | 45 |
| 8 | Experimental and Theoretical Evaluation of the Ethynyl Moiety as a Halogen Bioisostere. <i>ACS Chemical Biology</i> , 2015, 10, 2725-2732. | 1.6 | 23 |
| 9 | SLMP53-2 Restores Wild-Type-Like Function to Mutant p53 through Hsp70: Promising Activity in Hepatocellular Carcinoma. <i>Cancers</i> , 2019, 11, 1151. | 1.7 | 21 |
| 10 | An <i>in silico</i> algorithm for identifying stabilizing pockets in proteins: test case, the Y220C mutant of the p53 tumor suppressor protein. <i>Protein Engineering, Design and Selection</i> , 2016, 29, 377-390. | 1.0 | 13 |
| 11 | A type III complement factor D deficiency: Structural insights for inhibition of the alternative pathway. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 311-314.e6. | 1.5 | 13 |