Beata Flachner

List of Publications by Year
in descending order

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20 papers	341 citations	759233 12 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	382 citing authors

#	Article	IF	Citations
1	Robust Recombinant Expression of Human Placental Ribonuclease Inhibitor in Insect Cells. Biomolecules, 2022, 12, 273.	4.0	1
2	Rapid Identification of Potential Drug Candidates from Multi-Million Compoundsâ€™ Repositories. Combination of 2D Similarity Search with 3D Ligand/Structure Based Methods and In Vitro Screening. Molecules, 2021, 26, 5593.	3.8	5
3	Design and Selection of Novel C1s Inhibitors by In Silico and In Vitro Approaches. Molecules, 2019, 24, 3641.	3.8	11
4	A versatile modular vector set for optimizing protein expression among bacterial, yeast, insect and mammalian hosts. PLoS ONE, 2019, 14, e0227110.	2.5	3
5	Identification of potential glutaminyl cyclase inhibitors from lead-like libraries by in silico and in vitro fragment-based screening. Molecular Diversity, 2017, 21, 175-186.	3.9	13
6	Structure-Based Consensus Scoring Scheme for Selecting Class A Aminergic GPCR Fragments. Journal of Chemical Information and Modeling, 2016, 56, 412-422.	5.4	16
7	Combination of Pharmacophore Matching, 2D Similarity Search, and In Vitro Biological Assays in the Selection of Potential 5â€HT₆ Antagonists from Large Commercial Repositories. Chemical Biology and Drug Design, 2015, 86, 864-880.	3.2	6
8	Combination of 2D/3D Ligand-Based Similarity Search in Rapid Virtual Screening from Multimillion Compound Repositories. Selection and Biological Evaluation of Potential PDE4 and PDE5 Inhibitors. Molecules, 2014, 19, 7008-7039.	3.8	22
9	Rapid in silico selection of an MCHR1 antagonistsâ€™ focused library from multi-million compoundsâ€™ repositories: biological evaluation. Medicinal Chemistry Research, 2014, 23, 1234-1247.	2.4	3
10	A Chemocentric Approach to the Identification of Cancer Targets. PLoS ONE, 2012, 7, e35582.	2.5	19
11	Thermodynamic analysis of substrate induced domain closure of 3â€phosphoglycerate kinase. FEBS Letters, 2009, 583, 3660-3664.	2.8	13
12	Role of sideâ€chains in the operation of the main molecular hinge of 3â€phosphoglycerate kinase. FEBS Letters, 2008, 582, 1335-1340.	2.8	8
13	Interaction of human 3-phosphoglycerate kinase with l-ADP, the mirror image of d-ADP. Biochemical and Biophysical Research Communications, 2008, 366, 994-1000.	2.1	14
14	Communication between the Nucleotide Site and the Main Molecular Hinge of 3-Phosphoglycerate Kinase. Biochemistry, 2008, 47, 6735-6744.	2.5	24
15	Substrate-induced double sided H-bond network as a means of domain closure in 3-phosphoglycerate kinase. FEBS Letters, 2006, 580, 2698-2706.	2.8	28
16	Correlation between conformational stability of the ternary enzyme-substrate complex and domain closure of 3-phosphoglycerate kinase. FEBS Journal, 2005, 272, 1867-1885.	4.7	28
17	Substrate-Assisted Movement of the Catalytic Lys 215 during Domain Closure:â€‰ Site-Directed Mutagenesis Studies of Human 3-Phosphoglycerate Kinase. Biochemistry, 2005, 44, 16853-16865.	2.5	26
18	Role of Phosphate Chain Mobility of MgATP in Completing the 3-Phosphoglycerate Kinase Catalytic Site:Â Binding, Kinetic, and Crystallographic Studies with ATP and MgATPâ€. Biochemistry, 2004, 43, 3436-3449.	2.5	46

#	Article	IF	Citations
19	Nucleotide Binding to Pig Muscle 3-Phosphoglycerate Kinase in the Crystal and in Solution:Â Relationship between Substrate Antagonism and Interdomain Communicationâ€. Biochemistry, 2002, 41, 111-119.	2.5	22
20	Crystallographic and Thiol-Reactivity Studies on the Complex of Pig Muscle Phosphoglycerate Kinase with ATP Analogues:â€‰ Correlation between Nucleotide Binding Mode and Helix Flexibility. Biochemistry, 2002, 41, 8796-8806.	2.5	33