

Adina-L Milac

List of Publications by Year in descending order

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26
papers

895
citations

687363

13
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

1563
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical analysis of the protein environment of N-glycosylation sites: implications for occupancy, structure, and folding. <i>Glycobiology</i> , 2003, 14, 103-114.	2.5	391
2	In Planta Secretion of a Calreticulin by Migratory and Sedentary Stages of Root-Knot Nematode. <i>Molecular Plant-Microbe Interactions</i> , 2005, 18, 1277-1284.	2.6	91
3	Mutations in dopachrome tautomerase (Dct) affect eumelanin/pheomelanin synthesis, but do not affect intracellular trafficking of the mutant protein. <i>Biochemical Journal</i> , 2005, 391, 249-259.	3.7	66
4	Origin, distribution and 3D-modeling of Gr-EXPB1, an expansin from the potato cyst nematode <i>Globodera rostochiensis</i> . <i>FEBS Letters</i> , 2005, 579, 2451-2457.	2.8	56
5	Structural and functional characterization of a novel, host penetration-related pectate lyase from the potato cyst nematode <i>Globodera rostochiensis</i> . <i>Molecular Plant Pathology</i> , 2007, 8, 293-305.	4.2	37
6	Decapping Scavenger (DcpS) enzyme: Advances in its structure, activity and roles in the cap-dependent mRNA metabolism. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 452-462.	1.9	33
7	Characterization of the anti- HBV activity of HLP ₂₃ , a human lactoferrin-derived peptide. <i>Journal of Medical Virology</i> , 2013, 85, 780-788.	5.0	28
8	Substrate-induced Conformational Changes and Dynamics of UDP-N-Acetylgalactosamine:Polypeptide N-Acetylgalactosaminyltransferase-2. <i>Journal of Molecular Biology</i> , 2007, 373, 439-451.	4.2	27
9	Analyses of gating thermodynamics and effects of deletions in the mechanosensitive channel TREK-1. <i>Channels</i> , 2011, 5, 34-42.	2.8	20
10	More effective dithiocarbamate derivatives inhibiting carbonic anhydrases, generated by QSAR and computational design. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013, 28, 350-359.	5.2	20
11	Symmetry-restrained molecular dynamics simulations improve homology models of potassium channels. <i>Proteins: Structure, Function and Bioinformatics</i> , 2010, 78, 932-949.	2.6	15
12	Structural models of TREK channels and their gating mechanism. <i>Channels</i> , 2011, 5, 23-33.	2.8	15
13	Analysis of decapping scavenger cap complex using modified cap analogs reveals molecular determinants for efficient cap binding. <i>FEBS Journal</i> , 2013, 280, 6508-6527.	4.7	15
14	Quantitative structure-activity relationship studies on membrane receptors inhibition by antipsychotic drugs. Application to schizophrenia treatment. <i>Monatshefte für Chemie</i> , 2008, 139, 407-426.	1.8	13
15	3D-QSAR study indicates an enhancing effect of membrane ions on psychiatric drugs targeting serotonin receptor 5-HT1A. <i>Molecular BioSystems</i> , 2012, 8, 1418.	2.9	10
16	More effective antimicrobial mastoparan derivatives, generated by 3D-QSAR-Almond and computational mutagenesis. <i>Molecular BioSystems</i> , 2012, 8, 587-594.	2.9	10
17	Cross-talk between Dopachrome Tautomerase and Caveolin-1 Is Melanoma Cell Phenotype-specific and Potentially Involved in Tumor Progression. <i>Journal of Biological Chemistry</i> , 2016, 291, 12481-12500.	3.4	9
18	Evaluation of a neural networks QSAR method based on ligand representation using substituent descriptors. <i>Journal of Molecular Graphics and Modelling</i> , 2006, 25, 37-45.	2.4	8

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19	Value of dopachrome tautomerase detection in the assessment of melanocytic tumors. <i>Melanoma Research</i> , 2014, 24, 219-236.	1.2	7
20	Computer-Aided Drug Design Applied to Beta and Gamma Secretase Inhibitors-Perspectives for New Alzheimer Disease Therapy. <i>Current Enzyme Inhibition</i> , 2006, 2, 311-328.	0.4	6
21	Prediction of improved antimicrobial mastoparan derivatives by 3D-QSAR-CoMSIA/CoMFA and computational mutagenesis. <i>Monatshefte für Chemie</i> , 2012, 143, 535-543.	1.8	5
22	Characterization and expression analysis of Galnts in developing <i>Strongylocentrotus purpuratus</i> embryos. <i>PLoS ONE</i> , 2017, 12, e0176479.	2.5	5
23	Computer-Aided Drug Design for Typical and Atypical Antipsychotic Drugs: A Review of Application of QSAR and Combinatorial Chemistry Methods - Tools for New Antipsychotics Design. <i>Current Computer-Aided Drug Design</i> , 2005, 1, 347-364.	1.2	3
24	Structure-Biological Function Relationship Extended to Mitotic Arrest-Deficient 2-Like Protein Mad2 Native and Mutants-New Opportunity for Genetic Disorder Control. <i>International Journal of Molecular Sciences</i> , 2014, 15, 21381-21400.	4.1	2
25	Designing of Artificial Peptides for an Improved Antiviral Activity. <i>Current Proteomics</i> , 2018, 15, 258-266.	0.3	2
26	Predicted Mechanism of Antiasthmatic Drugs in Depression Based on Their Interaction with SERT and 5-HT1A Receptors. <i>Current Enzyme Inhibition</i> , 2018, 14, 51-60.	0.4	1