

# 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  | 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         |
| 2  | Designing of Artificial Peptides for an Improved Antiviral Activity. <i>Current Proteomics</i> , 2018, 15, 258-266.  | 0.3 | 2         |
| 3  | Characterization and expression analysis of Galnts in developing <i>Strongylocentrotus purpuratus</i> embryos. <i>PLoS ONE</i> , 2017, 12, e0176479.   | 2.5 | 5         |
| 4  | 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         |
| 5  | 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         |
| 6  | Value of dopachrome tautomerase detection in the assessment of melanocytic tumors. <i>Melanoma Research</i> , 2014, 24, 219-236.   | 1.2 | 7         |
| 7  | 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        |
| 8  | 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        |
| 9  | Characterization of the anti-HBV activity of HLP<sub>23</sub>, a human lactoferrin-derived peptide. <i>Journal of Medical Virology</i> , 2013, 85, 780-788.  | 5.0 | 28        |
| 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 | 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        |
| 12 | More effective antimicrobial mastoparan derivatives, generated by 3D-QSAR-Almond and computational mutagenesis. <i>Molecular BioSystems</i> , 2012, 8, 587-594.  | 2.9 | 10        |
| 13 | 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         |
| 14 | Structural models of TREK channels and their gating mechanism. <i>Channels</i> , 2011, 5, 23-33.   | 2.8 | 15        |
| 15 | Analyses of gating thermodynamics and effects of deletions in the mechanosensitive channel TREK-1. <i>Channels</i> , 2011, 5, 34-42.   | 2.8 | 20        |
| 16 | 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        |
| 17 | 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        |
| 18 | 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        |

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|----|---|-----|-----------|
| 19 | 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        |
| 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 | 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         |
| 22 | 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        |
| 23 | 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        |
| 24 | 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         |
| 25 | 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        |
| 26 | 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       |