

# Agnes Simon

## List of Publications by Year in descending order

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31  
papers

781  
citations

840776

11  
h-index

526287

27  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1350  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism-based corrector combination restores $\Delta F508$ -CFTR folding and function. <i>Nature Chemical Biology</i> , 2013, 9, 444-454.	8.0	361
2	Copper signalling: causes and consequences. <i>Cell Communication and Signaling</i> , 2018, 16, 71.	6.5	128
3	A repetitive sequence of Epstein-Barr virus nuclear antigen 6 comprises overlapping T cell epitopes which induce HLA-DR-restricted CD4+ T lymphocytes. <i>International Immunology</i> , 2000, 12, 281-293.	4.0	24
4	Major human $\Delta^3$ -aminobutyrate transporter: In silico prediction of substrate efficacy. <i>Biochemical and Biophysical Research Communications</i> , 2007, 364, 952-958.	2.1	24
5	Sodium selective ion channel formation in living cell membranes by polyamidoamine dendrimer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 1873-1880.	2.6	20
6	Characterization of binding mode of imatinib to human $\Delta^1$ -acid glycoprotein. <i>International Journal of Biological Macromolecules</i> , 2012, 50, 788-795.	7.5	17
7	Structural determinants of ligand binding in the ternary complex of human ileal bile acid binding protein with glycocholate and glycochenodeoxycholate obtained from solution $^1H$ -NMR. <i>FEBS Journal</i> , 2016, 283, 541-555.	4.7	16
8	Mapping of a Protective Helper T Cell Epitope of Human Influenza A Virus Hemagglutinin. <i>Biochemical and Biophysical Research Communications</i> , 2000, 270, 190-198.	2.1	14
9	Assessing toxicity of polyamidoamine dendrimers by neuronal signaling functions. <i>Nanotoxicology</i> , 2012, 6, 576-586.	3.0	14
10	Stabilization centers and protein stability. <i>Theoretical Chemistry Accounts</i> , 2001, 106, 121-127.	1.4	12
11	Substrate- $Na^+$ complex formation: Coupling mechanism for $\Delta^3$ -aminobutyrate symporters. <i>Biochemical and Biophysical Research Communications</i> , 2009, 385, 210-214.	2.1	12
12	Molecular Plasticity of the Nucleus Accumbens Revisited: Astrocytic Waves Shall Rise. <i>Molecular Neurobiology</i> , 2019, 56, 7950-7965.	4.0	12
13	Feedback adaptation of synaptic excitability via Glu:Na <sup>+</sup> symport driven astrocytic GABA and Gln release. <i>Neuropharmacology</i> , 2019, 161, 107629.	4.1	12
14	Organogold complexes probe a large $\Delta^2$ -barrel cavity for human serum $\Delta^1$ -acid glycoprotein. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 1106-1114.	2.3	11
15	Cyclothiazide binding to functionally active AMPA receptor reveals genuine allosteric interaction with agonist binding sites. <i>Neurochemistry International</i> , 2004, 44, 271-280.	3.8	10
16	Validation of high-affinity binding sites for succinic acid through distinguishable binding of gamma-hydroxybutyric acid receptor-specific NCS 382 antipodes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 6290-6292.	2.2	10
17	Binding crevice for TT-232 in a homology model of type 1 somatostatin receptor. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 1059-1064.	2.1	9
18	Activation of astroglial calcium signaling by endogenous metabolites succinate and gamma-hydroxybutyrate in the nucleus accumbens. <i>Frontiers in Neuroenergetics</i> , 2011, 3, 7.	5.3	8

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19	Modeling MHC class II molecules and their bound peptides as expressed at the cell surface. <i>Molecular Immunology</i> , 2002, 38, 681-687.	2.2	7
20	Noncovalent Cross-links in Context with Other Structural and Functional Elements of Proteins. <i>Journal of Chemical Information and Computer Sciences</i> , 2004, 44, 347-351.	2.8	7
21	Suppression of neuronal network excitability and seizure-like events by 2-methyl-4-oxo-3H-quinazoline-3-acetyl piperidine in juvenile rat hippocampus: Involvement of a metabotropic glutamate receptor. <i>Neurochemistry International</i> , 2006, 49, 41-54.	3.8	7
22	Straightforward and effective synthesis of $\hat{I}^3$ -aminobutyric acid transporter subtype 2-selective acyl-substituted azaspiro[4.5]decanes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 417-423.	2.2	7
23	Peptide Binding Sites of Connexin Proteins. <i>Chemistry</i> , 2020, 2, 662-673.	2.2	7
24	Ligand-specific conformations of an ionotropic glutamate receptor. <i>Protein Engineering, Design and Selection</i> , 2002, 15, 717-720.	2.1	6
25	Structural determinants of phosphodiesterase 6 response on binding catalytic site inhibitors. <i>Neurochemistry International</i> , 2006, 49, 215-222.	3.8	6
26	Cyclothiazide binding to the GABAA receptor. <i>Neuroscience Letters</i> , 2008, 439, 66-69.	2.1	3
27	Sodium-Assisted Formation of Binding and Traverse Conformations of the Substrate in a Neurotransmitter Sodium Symporter Model. <i>Current Drug Discovery Technologies</i> , 2014, 11, 227-233.	1.2	3
28	Target Structure-based Modeling of the Glutamate Transporter Pharmacophore. <i>Letters in Drug Design and Discovery</i> , 2006, 3, 293-297.	0.7	2
29	Comparison of the binding modes of TT-232 in somatostatin receptors type 1 and 4. <i>Computational and Theoretical Chemistry</i> , 2007, 816, 73-76.	1.5	2
30	Emerging the Role of the Structure of Brain Membrane Targets Recognizing Glutamate. <i>Current Drug Discovery Technologies</i> , 2008, 5, 70-74.	1.2	1
31	Noncovalent Cross-Links in Context with Other Structural and Functional Elements of Proteins.. <i>ChemInform</i> , 2004, 35, no.	0.0	0