

Agnes Simon

List of Publications by Year in descending order

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31
papers

781
citations

840776

11
h-index

526287

27
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32
all docs

32
docs citations

32
times ranked

1350
citing authors

#	ARTICLE	IF	CITATIONS
1	Peptide Binding Sites of Connexin Proteins. <i>Chemistry</i> , 2020, 2, 662-673.	2.2	7
2	Molecular Plasticity of the Nucleus Accumbens Revisited—Astrocytic Waves Shall Rise. <i>Molecular Neurobiology</i> , 2019, 56, 7950-7965.	4.0	12
3	Feedback adaptation of synaptic excitability via Glu:Na ⁺ symport driven astrocytic GABA and Gln release. <i>Neuropharmacology</i> , 2019, 161, 107629.	4.1	12
4	Copper signalling: causes and consequences. <i>Cell Communication and Signaling</i> , 2018, 16, 71.	6.5	128
5	Structural determinants of ligand binding in the ternary complex of human ileal bile acid binding protein with glycocholate and glycochenodeoxycholate obtained from solution <sc>NMR</sc>. <i>FEBS Journal</i> , 2016, 283, 541-555.	4.7	16
6	Straightforward and effective synthesis of $\hat{1}^3$ -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
7	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
8	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
9	Mechanism-based corrector combination restores $\hat{1}^3$ F508-CFTR folding and function. <i>Nature Chemical Biology</i> , 2013, 9, 444-454.	8.0	361
10	Assessing toxicity of polyamidoamine dendrimers by neuronal signaling functions. <i>Nanotoxicology</i> , 2012, 6, 576-586.	3.0	14
11	Characterization of binding mode of imatinib to human $\hat{1}^{\pm 1}$ -acid glycoprotein. <i>International Journal of Biological Macromolecules</i> , 2012, 50, 788-795.	7.5	17
12	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
13	Substrate—Na ⁺ complex formation: Coupling mechanism for $\hat{1}^3$ -aminobutyrate symporters. <i>Biochemical and Biophysical Research Communications</i> , 2009, 385, 210-214.	2.1	12
14	Organogold complexes probe a large $\hat{1}^2$ -barrel cavity for human serum $\hat{1}^{\pm 1}$ -acid glycoprotein. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 1106-1114.	2.3	11
15	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
16	Cyclothiazide binding to the GABAA receptor. <i>Neuroscience Letters</i> , 2008, 439, 66-69.	2.1	3
17	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
18	Major human $\hat{1}^3$ -aminobutyrate transporter: In silico prediction of substrate efficacy. <i>Biochemical and Biophysical Research Communications</i> , 2007, 364, 952-958.	2.1	24

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19	Comparison of the binding modes of TT-232 in somatostatin receptors type 1 and 4. Computational and Theoretical Chemistry, 2007, 816, 73-76.	1.5	2
20	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. Neurochemistry International, 2006, 49, 41-54.	3.8	7
21	Structural determinants of phosphodiesterase 6 response on binding catalytic site inhibitors. Neurochemistry International, 2006, 49, 215-222.	3.8	6
22	Target Structure-based Modeling of the Glutamate Transporter Pharmacophore. Letters in Drug Design and Discovery, 2006, 3, 293-297.	0.7	2
23	Noncovalent Cross-Links in Context with Other Structural and Functional Elements of Proteins.. ChemInform, 2004, 35, no.	0.0	0
24	Noncovalent Cross-links in Context with Other Structural and Functional Elements of Proteinsâ€€. Journal of Chemical Information and Computer Sciences, 2004, 44, 347-351.	2.8	7
25	Binding crevice for TT-232 in a homology model of type 1 somatostatin receptor. Biochemical and Biophysical Research Communications, 2004, 316, 1059-1064.	2.1	9
26	Cyclothiazide binding to functionally active AMPA receptor reveals genuine allosteric interaction with agonist binding sites. Neurochemistry International, 2004, 44, 271-280.	3.8	10
27	Ligand-specific conformations of an ionotropic glutamate receptor. Protein Engineering, Design and Selection, 2002, 15, 717-720.	2.1	6
28	Modeling MHC class II molecules and their bound peptides as expressed at the cell surface. Molecular Immunology, 2002, 38, 681-687.	2.2	7
29	Stabilization centers and protein stability. Theoretical Chemistry Accounts, 2001, 106, 121-127.	1.4	12
30	A repetitive sequence of Epsteinâ€“Barr virus nuclear antigen 6 comprises overlapping T cell epitopes which induce HLA-DR-restricted CD4+ T lymphocytes. International Immunology, 2000, 12, 281-293.	4.0	24
31	Mapping of a Protective Helper T Cell Epitope of Human Influenza A Virus Hemagglutinin. Biochemical and Biophysical Research Communications, 2000, 270, 190-198.	2.1	14