George Lambrinidis

List of Publications by Year
in descending order

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47	1,104	393982 19	414034 32
papers	citations	h-index	g-index

49	49	49	1706
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Discovery of SARS-CoV-2 Papain-like Protease Inhibitors through a Combination of High-Throughput Screening and a FlipGFP-Based Reporter Assay. ACS Central Science, 2021, 7, 1245-1260.	5.3	115
2	Structure of eukaryotic purine/H+ symporter UapA suggests a role for homodimerization in transport activity. Nature Communications, 2016, 7, 11336.	5.8	108
3	In vitro, in silico and integrated strategies for the estimation of plasma protein binding. A review. Advanced Drug Delivery Reviews, 2015, 86, 27-45.	6.6	92
4	A New Class of Phytoestrogens. Chemistry and Biology, 2004, 11, 397-406.	6.2	71
5	Anti-Melanogenic Properties of Greek Plants. A Novel Depigmenting Agent from Morus alba Wood. Molecules, 2017, 22, 514.	1.7	57
6	Losartanâ€™s molecular basis of interaction with membranes and AT1 receptor. Chemistry and Physics of Lipids, 2003, 125, 13-25.	1.5	52
7	Estrogenic Activity of Isoflavonoids fromOnobrychis ebenoides. Planta Medica, 2006, 72, 488-493.	0.7	49
8	Identification of the Substrate Recognition and Transport Pathway in a Eukaryotic Member of the Nucleobase-Ascorbate Transporter (NAT) Family. PLoS ONE, 2012, 7, e41939.	1.1	42
9	In silicoprediction of human serum albumin binding for drug leads. Expert Opinion on Drug Discovery, 2013, 8, 583-595.	2.5	36
10	Design, synthesis and molecular simulation studies of dihydrostilbene derivatives as potent tyrosinase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 5523-5526.	1.0	35
11	The olive constituent oleuropein, as a PPARÎ± agonist, markedly reduces serum triglycerides. Journal of Nutritional Biochemistry, 2018, 59, 17-28.	1.9	31
12	Challenges with multi-objective QSAR in drug discovery. Expert Opinion on Drug Discovery, 2018, 13, 851-859.	2.5	26
13	The estrogen receptor and polyphenols: molecular simulation studies of their interactions, a review. Environmental Chemistry Letters, 2006, 4, 159-174.	8.3	24
14	Modelling, substrate docking and mutational analysis identify residues essential for function and specificity of the major fungal purine transporter <scp>AzgA</scp>. Molecular Microbiology, 2014, 93, 129-145.	1.2	24
15	Erythroidine Alkaloids: A Novel Class of Phytoestrogens. Planta Medica, 2014, 80, 861-869.	0.7	23
16	X-ray Crystal Structures of the Influenza M2 Proton Channel Drug-Resistant V27A Mutant Bound to a Spiro-Adamantyl Amine Inhibitor Reveal the Mechanism of Adamantane Resistance. Biochemistry, 2020, 59, 627-634.	1.2	23
17	Multi-objective optimization methods in novel drug design. Expert Opinion on Drug Discovery, 2021, 16, 647-658.	2.5	23
18	Cryptic purine transporters in Aspergillus nidulans reveal the role of specific residues in the evolution of specificity in the NCS1 family. Molecular Microbiology, 2017, 103, 319-332.	1.2	22

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19	Discovery of Novel Adenosine Receptor Antagonists through a Combined Structure- and Ligand-Based Approach Followed by Molecular Dynamics Investigation of Ligand Binding Mode. Journal of Chemical Information and Modeling, 2018, 58, 794-815.	2.5	22
20	Cytotoxic Germacranolides fromInulaverbascifoliasubsp.methanea. Journal of Natural Products, 2002, 65, 1045-1048.	1.5	21
21	Investigation of the Drug Resistance Mechanism of M2-S31N Channel Blockers through Biomolecular Simulations and Viral Passage Experiments. ACS Pharmacology and Translational Science, 2020, 3, 666-675.	2.5	17
22	Design and synthesis of purine analogues as highly specific ligands for FcyB, a ubiquitous fungal nucleobase transporter. Bioorganic and Medicinal Chemistry, 2016, 24, 5941-5952.	1.4	16
23	Insight on specificity of uracil permeases of the NAT/NCS2 family from analysis of the transporter encoded in the pyrimidine utilization operon of Escherichia coli. Molecular Microbiology, 2018, 108, 204-219.	1.2	16
24	Differential estrogen receptor subtype modulators: Assessment of estrogen receptor subtype-binding selectivity and transcription-regulating properties of new cycloalkyl pyrazoles. Journal of Steroid Biochemistry and Molecular Biology, 2009, 117, 159-167.	1.2	15
25	Cytosolic N- and C-Termini of the Aspergillus nidulans FurE Transporter Contain Distinct Elements that Regulate by Long-Range Effects Function and Specificity. Journal of Molecular Biology, 2019, 431, 3827-3844.	2.0	13
26	Deoxybenzoins are novel potent selective estrogen receptor modulators. Steroids, 2007, 72, 693-704.	0.8	12
27	Biological Evaluation and In Silico Study of Benzoic Acid Derivatives from Bjerkandera adusta Targeting Proteostasis Network Modules. Molecules, 2020, 25, 666.	1.7	12
28	Novel Carbonyl Analogs of Tamoxifen: Design, Synthesis, and Biological Evaluation. Frontiers in Chemistry, 2017, 5, 71.	1.8	11
29	Steroid sulfatase inhibiting lanostane triterpenes â€“ Structure activity relationship and in silico insights. Bioorganic Chemistry, 2020, 95, 103495.	2.0	11
30	Biological evaluation of isoflavonoids from Genista halacsyi using estrogen-target cells: Activities of glucosides compared to aglycones. PLoS ONE, 2019, 14, e0210247.	1.1	10
31	Analysis of conserved <scp>NCS</scp>2 motifs in the <scp>E</scp>scherichia coli xanthine permease <scp>XanQ</scp>. Molecular Microbiology, 2015, 98, 502-517.	1.2	9
32	Specific Residues in a Purine Transporter Are Critical for Dimerization, ER Exit, and Function. Genetics, 2019, 213, 1357-1372.	1.2	9
33	Analysis of PPARâ€±/Î³ Activity by Combining 2â€D QSAR and Molecular Simulation. Molecular Informatics, 2013, 32, 431-445.	1.4	8
34	Estrogenic activity of isoflavonoids from the stem bark of the tropical tree Amphimas pterocarpoides , a source of traditional medicines. Journal of Steroid Biochemistry and Molecular Biology, 2016, 158, 138-148.	1.2	8
35	In Silico Screening of Compound Libraries Using a Consensus of Orthogonal Methodologies. Methods in Molecular Biology, 2018, 1824, 261-277.	0.4	5
36	Antimicrobial resistance of Yersinia enterocolitica and presence of plasmid pYV virulence genes in human and animal isolates. New Microbes and New Infections, 2019, 32, 100604.	0.8	5

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37	Investigation of Tumor Cells and Receptor-Ligand Simulation Models for the Development of PET Imaging Probes Targeting PSMA and GRPR and a Possible Crosstalk between the Two Receptors. Molecular Pharmaceutics, 2022, 19, 2231-2247.	2.3	5
38	Structure-activity relationships in fungal nucleobases transporters as dissected by the inhibitory effects of novel purine analogues. European Journal of Medicinal Chemistry, 2018, 156, 240-251.	2.6	4
39	Ochraceopyronide, a Rare Î±-Pyrone-C-lyxofuranoside from a Soil-Derived Fungus Aspergillus ochraceopetaliformis. Molecules, 2021, 26, 3976.	1.7	4
40	Design of Multifaceted Antioxidants: Shifting towards Anti-Inflammatory and Antihyperlipidemic Activity. Molecules, 2021, 26, 4928.	1.7	4
41	Design, synthesis, and biological evaluation of new raloxifene analogues of improved antagonist activity and endometrial safety. Bioorganic Chemistry, 2021, 106, 104482.	2.0	3
42	QSAR/QSPR Modeling in the Design of Drug Candidates with Balanced Pharmacodynamic and Pharmacokinetic Properties. Challenges and Advances in Computational Chemistry and Physics, 2017, , 339-384.	0.6	3
43	Adiponectin Signaling and Impaired GTPase Rab5 Expression in Adipocytes of Adolescents with Obesity. Hormone Research in Paediatrics, 2020, 93, 287-296.	0.8	2
44	Screening of Heteroaromatic Scaffolds against Cystathionine Beta-Synthase Enables Identification of Substituted Pyrazolo[3,4-c]Pyridines as Potent and Selective Orthosteric Inhibitors. Molecules, 2020, 25, 3739.	1.7	2
45	LiSIs: An Online Scientific Workflow System for Virtual Screening. Combinatorial Chemistry and High Throughput Screening, 2015, 18, 281-295.	0.6	2
46	Conformational Analysis of Câ€Trehaloses Using Molecular Mechanics Calculations. Journal of Carbohydrate Chemistry, 2003, 22, 407-421.	0.4	1
47	Novel CarbamÎ¿yloxy Analogues of Tamoxifen: Synthesis, Molecular Docking and Bioactivity Evaluation. Letters in Drug Design and Discovery, 2021, 18, 422-428.	0.4	0