Emmanuel Mikros

List of Publications by Year
in descending order

179	4,737	109137	123241
papers	citations	35 h-index	61 g-index

189	189	189	7084
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural Basis for the Synthesis of Indirubins as Potent and Selective Inhibitors of Glycogen Synthase Kinase-3 and Cyclin-Dependent Kinases. Journal of Medicinal Chemistry, 2004, 47, 935-946.	2.9	343
2	The Olive Constituent Oleuropein Exhibits Anti-Ischemic, Antioxidative, and Hypolipidemic Effects in Anesthetized Rabbits. Journal of Nutrition, 2006, 136, 2213-2219.	1.3	236
3	A New Process for the Management of Olive Oil Mill Waste Water and Recovery of Natural Antioxidants. Journal of Agricultural and Food Chemistry, 2007, 55, 2671-2676.	2.4	145
4	The aberrant expression of MEG3 regulated by UHRF1 predicts the prognosis of hepatocellular carcinoma. Molecular Carcinogenesis, 2016, 55, 209-219.	1.3	126
5	Computer simulation of histo-blood group oligosaccharides: energy maps of all constituting disaccharides and potential energy surfaces of 14 ABH and Lewis carbohydrate antigens. Glycoconjugate Journal, 1995, 12, 331-349.	1.4	124
6	Roscovitine-Derived, Dual-Specificity Inhibitors of Cyclin-Dependent Kinases and Casein Kinases 1. Journal of Medicinal Chemistry, 2008, 51, 5229-5242.	2.9	124
7	¹H NMR-Based Metabonomics for the Classification of Greek Wines According to Variety, Region, and Vintage. Comparison with HPLC Data. Journal of Agricultural and Food Chemistry, 2009, 57, 11067-11074.	2.4	123
8	Structure of eukaryotic purine/H+ symporter UapA suggests a role for homodimerization in transport activity. Nature Communications, 2016, 7, 11336.	5.8	108
9	¹H NMR-Based Metabonomic Investigation of the Effect of Two Different Exercise Sessions on the Metabolic Fingerprint of Human Urine. Journal of Proteome Research, 2010, 9, 6405-6416.	1.8	106
10	Soluble 3â€²,6-Substituted Indirubins with Enhanced Selectivity toward Glycogen Synthase Kinase -3 Alter Circadian Period. Journal of Medicinal Chemistry, 2008, 51, 6421-6431.	2.9	105
11	Oleuropein prevents doxorubicin-induced cardiomyopathy interfering with signaling molecules and cardiomyocyte metabolism. Journal of Molecular and Cellular Cardiology, 2014, 69, 4-16.	0.9	98
12	Recent advances and new strategies in the NMR-based identification of natural products. Current Opinion in Biotechnology, 2014, 25, 1-7.	3.3	95
13	¹H NMR Study on the Short- and Long-Term Impact of Two Training Programs of Sprint Running on the Metabolic Fingerprint of Human Serum. Journal of Proteome Research, 2013, 12, 470-480.	1.8	82
14	Metabonomic identification of novel biomarkers in doxorubicin cardiotoxicity and protective effect of the natural antioxidant oleuropein. NMR in Biomedicine, 2009, 22, 585-592.	1.6	74
15	¹H NMR Metabonomic Analysis in Renal Cell Carcinoma: a Possible Diagnostic Tool. Journal of Proteome Research, 2010, 9, 4038-4044.	1.8	73
16	A New Class of Phytoestrogens. Chemistry and Biology, 2004, 11, 397-406.	6.2	71
17	1H NMR-based metabonomics for the diagnosis of inborn errors of metabolism in urine. Analytica Chimica Acta, 2005, 542, 169-177.	2.6	68
18	6-Br-5methylindirubin-3â€²oxime (5-Me-6-BIO) targeting the leishmanial glycogen synthase kinase-3 (GSK-3) short form affects cell-cycle progression and induces apoptosis-like death: Exploitation of GSK-3 for treating leishmaniasis. International Journal for Parasitology, 2009, 39, 1289-1303.	1.3	67

#	Article	IF	Citations
19	Novel Inverse Binding Mode of Indirubin Derivatives Yields Improved Selectivity for DYRK Kinases. ACS Medicinal Chemistry Letters, 2013, 4, 22-26.	1.3	65
20	Application of metabonomics on an experimental model of fibrosis and cirrhosis induced by thioacetamide in rats. Toxicology and Applied Pharmacology, 2007, 218, 11-19.	1.3	63
21	Screening of a composite library of clinically used drugs and well-characterized pharmacological compounds for cystathionine Î²-synthase inhibition identifies benserazide as a drug potentially suitable for repurposing for the experimental therapy of colon cancer. Pharmacological Research, 2016, 113, 18-37.	3.1	62
22	1H NMR-based metabonomics approach in a rat model of acute liver injury and regeneration induced by CCl4 administration. Toxicology, 2013, 303, 115-124.	2.0	61
23	An Integrated Computational Approach to the Phenomenon of Potent and Selective Inhibition of Aurora Kinases B and C by a Series of 7-Substituted Indirubins. Journal of Medicinal Chemistry, 2007, 50, 4027-4037.	2.9	60
24	Application of nuclear magnetic resonance spectroscopy combined with principal component analysis in detecting inborn errors of metabolism using blood spots: a metabonomic approach. Analytica Chimica Acta, 2004, 511, 303-312.	2.6	59
25	Anti-Melanogenic Properties of Greek Plants. A Novel Depigmenting Agent from Morus alba Wood. Molecules, 2017, 22, 514.	1.7	57
26	Origin, diversification and substrate specificity in the family of <scp>NCS</scp>1/<scp>FUR</scp> transporters. Molecular Microbiology, 2015, 96, 927-950.	1.2	56
27	Solution structure of humanin, a peptide against Alzheimerâ€™s disease-related neurotoxicity. Biochemical and Biophysical Research Communications, 2005, 329, 152-160.	1.0	53
28	Hyperactivation of Nrf2 increases stress tolerance at the cost of aging acceleration due to metabolic deregulation. Aging Cell, 2019, 18, e12845.	3.0	53
29	Losartanâ€™s molecular basis of interaction with membranes and AT1 receptor. Chemistry and Physics of Lipids, 2003, 125, 13-25.	1.5	52
30	Estrogenic Activity of Isoflavonoids fromOnobrychis ebenoides. Planta Medica, 2006, 72, 488-493.	0.7	49
31	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
32	Discovery and Optimization of a Selective Ligand for the Switch/Sucrose Nonfermenting-Related Bromodomains of Polybromo Protein-1 by the Use of Virtual Screening and Hydration Analysis. Journal of Medicinal Chemistry, 2016, 59, 8787-8803.	2.9	41
33	Exploring and exploiting the systemic effects of deregulated replication licensing. Seminars in Cancer Biology, 2016, 37-38, 3-15.	4.3	41
34	Modeling, Substrate Docking, and Mutational Analysis Identify Residues Essential for the Function and Specificity of a Eukaryotic Purine-Cytosine NCS1 Transporter. Journal of Biological Chemistry, 2012, 287, 36792-36803.	1.6	39
35	Aestivationmotifs explain hypertension and muscle mass loss in mice with psoriatic skin barrier defect. Acta Physiologica, 2021, 232, e13628.	1.8	39
36	Melatonin does not prevent the protection of ischemic preconditioning in vivo despite its antioxidant effect against oxidative stress. Free Radical Biology and Medicine, 2004, 37, 500-510.	1.3	37

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37	Urine metabolomics in neonates with late-onset sepsis in a case-control study. Scientific Reports, 2017, 7, 45506.	1.6	37
38	Selective cytotoxicity of the herbal substance acteoside against tumor cells and its mechanistic insights. Redox Biology, 2018, 16, 169-178.	3.9	37
39	1H-NMR Spectroscopic Elucidation of Stereochemical Effects of Substituted Cerium Porphyrin Double-Deckers. Inorganic Chemistry, 1994, 33, 3430-3434.	1.9	36
40	Effects of the Olive Tree Leaf Constituents on Myocardial Oxidative Damage and Atherosclerosis. Planta Medica, 2015, 81, 648-654.	0.7	36
41	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
42	Structural studies of metalloporphyrins. Part XI: Complexes of water-soluble zinc(II) porphyrins with amino acids: Influence of ligand-ligand interactions on the stability of the complexes. Journal of Inorganic Biochemistry, 1990, 40, 127-139.	1.5	34
43	Tandem virtual screening targeting the SRA domain of UHRF1 identifies a novel chemical tool modulating DNA methylation. European Journal of Medicinal Chemistry, 2016, 114, 390-396.	2.6	34
44	An inhibitor-driven study for enhancing the selectivity of indirubin derivatives towards leishmanial Glycogen Synthase Kinase-3 over leishmanial cdc2-related protein kinase 3. Parasites and Vectors, 2014, 7, 234.	1.0	33
45	The olive constituent oleuropein, as a PPARÎ± agonist, markedly reduces serum triglycerides. Journal of Nutritional Biochemistry, 2018, 59, 17-28.	1.9	31
46	A substrate translocation trajectory in a cytoplasmâ€facing topological model of the monocarboxylate/H‹sup›+‹/sup› symporter Jen1p. Molecular Microbiology, 2011, 81, 805-817.	1.2	30
47	Tales of tails in transporters. Open Biology, 2019, 9, 190083.	1.5	30
48	Structural studies of metalloporphyrins. 10. Complexes of water-soluble cobalt(III) porphyrins with amino acids: NMR study of the conformation of the complexes with cobalt(III) tetrakis[4-(N-methylpyridiniumyl)]porphine (CoTMPyP) and cobalt(III) tetrakis(4-carboxylatophenyl)porphine (CoTCPP). Inorganic Chemistry, 1991, 30, 1806-1815.	1.9	29
49	Conformational Analysis of Poly(N-vinylcarbazole) by NMR Spectroscopy and Molecular Modeling. Macromolecules, 2001, 34, 5547-5554.	2.2	29
50	1H NMR-MS-based heterocovariance as a drug discovery tool for fishing bioactive compounds out of a complex mixture of structural analogues. Scientific Reports, 2019, 9, 11113.	1.6	28
51	Synthesis, cytotoxic activity, NMR study and stereochemical effects of some new pyrano[3,2- b]thioxanthen-6-ones and Pyrano[2,3- c]thioxanthen-7-ones. Bioorganic and Medicinal Chemistry, 2001, 9, 2793-2802.	1.4	26
52	Prevezols A and B: new brominated diterpenes from the red alga Laurencia obtusa. Tetrahedron Letters, 2001, 42, 3749-3752.	0.7	25
53	Mutational Analysis and Modeling Reveal Functionally Critical Residues in Transmembrane Segments 1 and 3 of the UapA Transporter. Journal of Molecular Biology, 2011, 411, 567-580.	2.0	25
54	The estrogen receptor and polyphenols: molecular simulation studies of their interactions, a review. Environmental Chemistry Letters, 2006, 4, 159-174.	8.3	24

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55	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
56	Novel indoleâ€“flutimide heterocycles with activity against influenza PA endonuclease and hepatitis C virus. MedChemComm, 2016, 7, 447-456.	3.5	24
57	The Indirubin Derivative 6-Bromoindirubin-3â€²-Oxime Activates Proteostatic Modules, Reprograms Cellular Bioenergetic Pathways, and Exerts Antiaging Effects. Antioxidants and Redox Signaling, 2017, 27, 1027-1047.	2.5	24
58	Solution structure of Ser14Gly-humanin, a potent rescue factor against neuronal cell death in Alzheimerâ€™s disease. Biochemical and Biophysical Research Communications, 2006, 349, 634-642.	1.0	23
59	Erythroidine Alkaloids: A Novel Class of Phytoestrogens. Planta Medica, 2014, 80, 861-869.	0.7	23
60	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
61	Metabolic phenotyping and cardiovascular disease: an overview of evidence from epidemiological settings. Heart, 2021, 107, 1123-1129.	1.2	22
62	Sample Preparation Issues in NMRâ€based Plant Metabolomics: Optimisation for Vitis Wood Samples. Phytochemical Analysis, 2014, 25, 350-356.	1.2	20
63	The Natural Olive Constituent Oleuropein Induces Nutritional Cardioprotection in Normal and Cholesterol-Fed Rabbits: Comparison with Preconditioning. Planta Medica, 2015, 81, 655-663.	0.7	20
64	Heterocovariance Based Metabolomics as a Powerful Tool Accelerating Bioactive Natural Product Identification. ChemistrySelect, 2016, 1, 2531-2535.	0.7	20
65	An Overview of Metabolic Phenotyping in Blood Pressure Research. Current Hypertension Reports, 2018, 20, 78.	1.5	20
66	Interactions of water-soluble zinc porphyrin with amino acids. Inorganica Chimica Acta, 1988, 153, 199-200.	1.2	19
67	A pilot case-control study of urine metabolomics in preterm neonates with necrotizing enterocolitis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1117, 10-21.	1.2	19
68	How do antibodies and lectins recognize histo-blood group antigens? A 3D-QSAR study by comparative molecular field analysis (CoMFA). Bioorganic and Medicinal Chemistry, 1996, 4, 1979-1988.	1.4	18
69	NMR-Based Metabolic Profiling of Edible Olivesâ€”Determination of Quality Parameters. Molecules, 2020, 25, 3339.	1.7	18
70	Human Melanoma-Cell Metabolic Profiling: Identification of Novel Biomarkers Indicating Metastasis. International Journal of Molecular Sciences, 2020, 21, 2436.	1.8	18
71	High-Resolution NMR Spectroscopy of the Î²-Amyloid(1â€“28) Fibril Typical for Alzheimer's Disease. Angewandte Chemie - International Edition, 2001, 40, 3603.	7.2	17
72	NMR study of 5â€substituted pyrazolo[3,4â€‹c]pyridine derivatives. Magnetic Resonance in Chemistry, 2008, 46, 643-649.	1.1	17

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73	Hydroxytyrosol (HT) Analogs Act as Potent Antifungals by Direct Disruption of the Fungal Cell Membrane. Frontiers in Microbiology, 2018, 9, 2624.	1.5	17
74	Megistosarcimine and megistosarconine, two alkaloids from Sarcomelicope megistophylla. Phytochemistry, 1999, 52, 1745-1748.	1.4	16
75	The Aspergillus nidulans Proline Permease as a Model for Understanding the Factors Determining Substrate Binding and Specificity of Fungal Amino Acid Transporters. Journal of Biological Chemistry, 2015, 290, 6141-6155.	1.6	16
76	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
77	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
78	Conformational Analysis of Ochratoxin A by NMR Spectroscopy and Computational Molecular Modeling. Journal of Physical Chemistry B, 2005, 109, 16926-16936.	1.2	15
79	Application of NMR-based metabonomics in the investigation of myocardial ischemia-reperfusion, ischemic preconditioning and antioxidant intervention in rabbits. European Journal of Pharmaceutical Sciences, 2007, 30, 303-314.	1.9	15
80	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
81	Interactions of a series of novel spiropyranocoumarin derivatives with reactive oxygen species. Journal of Pharmacy and Pharmacology, 2010, 55, 1029-1039.	1.2	15
82	Design and synthesis of new C-nucleosides as potential adenosine deaminase inhibitors. Tetrahedron, 2010, 66, 9620-9628.	1.0	14
83	Natural-Based Indirubins Display Potent Cytotoxicity toward Wild-Type and T315I-Resistant Leukemia Cell Lines. Journal of Natural Products, 2016, 79, 2464-2471.	1.5	14
84	Could multivariate statistics exploit HPTLC and NMR data to reveal bioactive compounds? The case of Paeonia mascula. Phytochemistry Letters, 2017, 20, 379-385.	0.6	14
85	Alteration in the liver metabolome of rats with metabolic syndrome after treatment with Hydroxytyrosol. A Mass Spectrometry And Nuclear Magnetic Resonance - based metabolomics study. Talanta, 2018, 178, 246-257.	2.9	14
86	Glycyrrhiza glabra-Enhanced Extract and Adriamycin Antiproliferative Effect on PC-3 Prostate Cancer Cells. Nutrition and Cancer, 2020, 72, 320-332.	0.9	14
87	FoodOmicsGR_RI: A Consortium for Comprehensive Molecular Characterisation of Food Products. Metabolites, 2021, 11, 74.	1.3	14
88	Novel Aryl-Substituted Pyrimidones as Inhibitors of 3-Mercaptopyruvate Sulfurtransferase with Antiproliferative Efficacy in Colon Cancer. Journal of Medicinal Chemistry, 2021, 64, 6221-6240.	2.9	14
89	Plasma Metabolomic Alterations Induced by COVID-19 Vaccination Reveal Putative Biomarkers Reflecting the Immune Response. Cells, 2022, 11, 1241.	1.8	14
90	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

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91	Design, synthesis and biological evaluation of novel substituted purine isosters as EGFR kinase inhibitors, with promising pharmacokinetic profile and inÂvivo efficacy. European Journal of Medicinal Chemistry, 2019, 176, 393-409.	2.6	13
92	Stereodynamics of ring and nitrogen inversion in spiroheterocycles. Conformational analysis of N-methylspiro[morpholine-3,2â€²-adamantane] and N-methylspiro[piperidine-2,2â€²-adamantane] using NMR spectroscopy and theoretical calculations. Journal of the Chemical Society Perkin Transactions II, 1998, , 1701-1708.	0.9	12
93	Synthesis and tautomerism study of 7-substituted pyrazolo[3,4-c]pyridines. Tetrahedron, 2006, 62, 11987-11993.	1.0	12
94	Deoxybenzoins are novel potent selective estrogen receptor modulators. Steroids, 2007, 72, 693-704.	0.8	12
95	Acute liver acetaminophen toxicity in rabbits and the use of antidotes: a metabonomic approach in serum. Journal of Applied Toxicology, 2009, 29, 395-402.	1.4	12
96	Silymarin Enriched Extract (Silybum marianum) Additive Effect on Doxorubicin-Mediated Cytotoxicity in PC-3 Prostate Cancer Cells. Planta Medica, 2019, 85, 997-1007.	0.7	12
97	Efficient identification of Acetylcholinesterase and Hyaluronidase inhibitors from Paeonia parnassica extracts through a HeteroCovariance Approach. Journal of Ethnopharmacology, 2020, 257, 111547.	2.0	12
98	EBC metabolomics for asthma severity. Journal of Breath Research, 2020, 14, 036007.	1.5	12
99	Synthesis and characterization of homo- and heteroporphyrin dimers involving a rhodium-indium bond. Polyhedron, 1996, 15, 705-715.	1.0	11
100	Synthesis of 1,2-annulated adamantane heterocycles: structural determination studies of a bioactive cyclic sulfite. Tetrahedron Letters, 2009, 50, 2671-2675.	0.7	11
101	NMR-Based Metabolomic Study on Isatis tinctoria: Comparison of Different Accessions, Harvesting Dates, and the Effect of Repeated Harvesting. Journal of Natural Products, 2015, 78, 977-986.	1.5	11
102	Novel Carbonyl Analogs of Tamoxifen: Design, Synthesis, and Biological Evaluation. Frontiers in Chemistry, 2017, 5, 71.	1.8	11
103	A Novel Quantitative Method for the Detection of Lipofuscin, the Main By-Product of Cellular Senescence, in Fluids. Methods in Molecular Biology, 2019, 1896, 119-138.	0.4	11
104	Steroid sulfatase inhibiting lanostane triterpenes â€“ Structure activity relationship and in silico insights. Bioorganic Chemistry, 2020, 95, 103495.	2.0	11
105	Conformational Analysis of C-Disaccharides using Molecular Mechanics Calculations. Journal of Carbohydrate Chemistry, 2000, 19, 1319-1349.	0.4	10
106	The Ac-RGD-NH2 peptide as a probe of slow conformational exchange of short linear peptides in DMSO. Biopolymers, 2003, 69, 72-86.	1.2	10
107	Detection of interactions of the Î²â€amyloid peptide with small molecules employing transferred NOEs. Journal of Peptide Science, 2009, 15, 435-441.	0.8	10
108	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

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109	Synthesis, Docking Study and Kinase Inhibitory Activity of a Number of New Substituted Pyrazolo[3,4-<i>c</i>]pyridines. Chemical and Pharmaceutical Bulletin, 2017, 65, 66-81.	0.6	9
110	Scaffold hybridization strategy towards potent hydroxamate-based inhibitors ofFlaviviridaeviruses andTrypanosomaspecies. MedChemComm, 2019, 10, 991-1006.	3.5	9
111	Specific Residues in a Purine Transporter Are Critical for Dimerization, ER Exit, and Function. Genetics, 2019, 213, 1357-1372.	1.2	9
112	Oleuropein is a Powerful Sensitizer of Doxorubicin-mediated Killing of Prostate Cancer Cells and Exerts Its Action via Induction of Autophagy. Journal of Cancer Research and Treatment, 2018, 4, 61-68.	0.6	9
113	Structural Study by NMR of an Oxorheniumâ^'RGD Decapeptide Complex for Application in Radiotherapy. Inorganic Chemistry, 2004, 43, 5598-5602.	1.9	8
114	Analysis of PPARâ€Î±/Î³ Activity by Combining 2â€Ð QSAR and Molecular Simulation. Molecular Informatics, 2013, 32, 431-445.	1.4	8
115	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
116	Combined Virtual and Experimental Screening for CK1 Inhibitors Identifies a Modulator of p53 and Reveals Important Aspects of in Silico Screening Performance. International Journal of Molecular Sciences, 2017, 18, 2102.	1.8	8
117	Effects of lifelong exercise and aging on the blood metabolic fingerprint of rats. Biogerontology, 2020, 21, 577-591.	2.0	8
118	Discovery of the Glycogen Phosphorylase-Modulating Activity of a Resveratrol Glucoside by Using a Virtual Screening Protocol Optimized for Solvation Effects. Planta Medica, 2015, 81, 507-516.	0.7	7
119	Malignancy Grade-Dependent Mapping of Metabolic Landscapes in Human Urothelial Bladder Cancer: Identification of Novel, Diagnostic, and Druggable Biomarkers. International Journal of Molecular Sciences, 2020, 21, 1892.	1.8	7
120	Context-dependent Cryptic Roles of Specific Residues in Substrate Selectivity of the UapA Purine Transporter. Journal of Molecular Biology, 2021, 433, 166814.	2.0	7
121	Conformational Analysis of a Complex Between Dolichos biflorus Lectin and the Forssman Pentasaccharide Using Transferred NOE Build-Up Curves. Journal of Carbohydrate Chemistry, 1998, 17, 217-230.	0.4	6
122	1-Ethyl-1H-3-nitrobenzopyrano[4,3,2-cd]isoindole: a novel heterocyclic ring system bearing an unusually labile deuterium-exchangeable aromatic proton. Tetrahedron Letters, 2006, 47, 3681-3684.	0.7	6
123	Conformational properties of the macrocyclic trichothecene mycotoxin verrucarin A in solution. Magnetic Resonance in Chemistry, 2008, 46, 1102-1111.	1.1	6
124	A facile consensus ranking approach enhances virtual screening robustness and identifies a cell-active DYRK1Î± inhibitor. Future Medicinal Chemistry, 2018, 10, 2411-2430.	1.1	6
125	Specificity profile of NAT/NCS2 purine transporters inSinorhizobium(Ensifer)meliloti. Molecular Microbiology, 2020, 114, 151-171.	1.2	6
126	From sample preparation to NMRâ€based metabolic profiling in food commodities: The case of table olives. Phytochemical Analysis, 2022, 33, 83-93.	1.2	6

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127	Structural characteristics of some mercaptoacetic acid hydrazides. Journal of Molecular Structure, 2003, 650, 213-221.	1.8	5
128	Synthesis, Conformational Analysis and Free Radical Scavenging Activity of Some New Spiropyranoquinolinones. Chemical and Pharmaceutical Bulletin, 2003, 51, 522-529.	0.6	5
129	Investigating the Effect of Antioxidant Treatment on the Protective Effect of Preconditioning in Anesthetized Rabbits. Journal of Cardiovascular Pharmacology, 2011, 58, 609-616.	0.8	5
130	In Silico Screening of Compound Libraries Using a Consensus of Orthogonal Methodologies. Methods in Molecular Biology, 2018, 1824, 261-277.	0.4	5
131	Indirubin Analogues Inhibit Trypanosoma brucei Glycogen Synthase Kinase 3 Short and T. brucei Growth. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	5
132	The effect of prolonged intense physical exercise of special forces volunteers on their plasma protein denaturation profile examined by differential scanning calorimetry. Journal of Thermal Biology, 2021, 96, 102860.	1.1	5
133	Can we use the epigenetic bioactivity of caloric restriction and phytochemicals to promote healthy ageing?. MedChemComm, 2014, 5, 1804-1820.	3.5	4
134	NMR-Based Metabolic Profiling Procedures for Biofluids and Cell and Tissue Extracts. Methods in Molecular Biology, 2018, 1738, 117-131.	0.4	4
135	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
136	A polyphasic approach (metabolomics, morphological and molecular analyses) in the systematics of Cladobotryum species in Greece. Planta Medica, 2012, 78, .	0.7	4
137	Stereoselective Intramolecular Azide 1,3-Dipolar Cycloaddition. Heterocycles, 2003, 60, 2637.	0.4	4
138	Identification of New Specificity Determinants in Bacterial Purine Nucleobase Transporters based on an Ancestral Sequence Reconstruction Approach. Journal of Molecular Biology, 2021, 433, 167329.	2.0	4
139	Oleuropein restores the pathological metabolic pathways induced by doxorubicin's cardiotoxicity. An NMR based metabonomic study. Journal of Molecular and Cellular Cardiology, 2007, 42, S168-S169.	0.9	3
140	1H NMR Monitoring of the Canine Metabolic Profile after Oral Administration of Xenobiotics Using Multivariate Statistics. Molecular Pharmaceutics, 2007, 4, 258-268.	2.3	3
141	Structureâ€“activity relationships of Î±_{IIb} 313â€“320 derived peptide inhibitors of human platelet aggregation. Journal of Peptide Science, 2008, 14, 1195-1202.	0.8	3
142	NmeA, a novel efflux transporter specific for nucleobases and nucleosides, contributes to metal resistance in Aspergillus nidulans. Molecular Microbiology, 2017, 105, 426-439.	1.2	3
143	Nucleobase-Ascorbate-Transporter (NAT) Family. , 2018, , 1-6.		3
144	Design, synthesis, and biological evaluation of new raloxifene analogues of improved antagonist activity and endometrial safety. Bioorganic Chemistry, 2021, 106, 104482.	2.0	3

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145	Assessment of the Nutraceutical Effects of Oleuropein and the Cytotoxic Effects of Adriamycin, When Administered Alone and in Combination, in MG-63 Human Osteosarcoma Cells. Nutrients, 2021, 13, 354.	1.7	3
146	Exploring the metabolomic profile of cerebellum after exposure to acute stress. Stress, 2021, 24, 952-964.	0.8	3
147	Dereplication and metabolomics strategies for the discovery of bioactive natural products: The Acronychia example. Planta Medica, 2014, 80, .	0.7	3
148	Discovery of New Aminosubstituted Pyrrolopyrimidines with Antiproliferative Activity Against Breast Cancer Cells and Investigation of their Effect Towards the PI3KÎ± Enzyme. Anti-Cancer Agents in Medicinal Chemistry, 2017, 17, 990-1002.	0.9	3
149	Thermal Dimerization of Noracronycine. Heterocycles, 1992, 34, 1691.	0.4	3
150	Quantitative treatment of the rotational dynamics of flexible-chain molecules.13C NMR relaxation study of hydrocarbon chains attached to the fluorene anchor. Magnetic Resonance in Chemistry, 1994, 32, 263-275.	1.1	2
151	Conformational analysis of the nonapeptide leuprorelin using NMR and molecular modeling. International Journal of Peptide Research and Therapeutics, 2001, 8, 77-87.	0.1	2
152	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
153	Targeted Metabolomics: The LC-MS/MS Based Quantification of the Metabolites Involved in the Methylation Biochemical Pathways. Metabolites, 2021, 11, 416.	1.3	2
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