

Adrian Pirnau

List of Publications by Year in descending order

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56
papers

867
citations

430874

18
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526287

27
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58
all docs

58
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58
times ranked

1388
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and anti-inflammatory evaluation of some new acyl-hydrazones bearing 2-aryl-thiazole. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 526-534.	5.5	94
2	Binding interaction of indomethacin with human serum albumin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 47, 981-984.	2.8	73
3	Experimental and DFT study of pyrazinamide. <i>Chemical Physics</i> , 2005, 316, 153-163.	1.9	48
4	Vibrational and DFT study of 5-(3-pyridyl-methylidene)-thiazolidine-2-thione-4-one. <i>Vibrational Spectroscopy</i> , 2008, 48, 289-296.	2.2	45
5	New Phenolic Derivatives of Thiazolidine-2,4-dione with Antioxidant and Antiradical Properties: Synthesis, Characterization, In Vitro Evaluation, and Quantum Studies. <i>Molecules</i> , 2019, 24, 2060.	3.8	40
6	Design and Synthesis of Novel 1,3-Thiazole and 2-Hydrazinyl-1,3-Thiazole Derivatives as Anti-Candida Agents: In Vitro Antifungal Screening, Molecular Docking Study, and Spectroscopic Investigation of their Binding Interaction with Bovine Serum Albumin. <i>Molecules</i> , 2019, 24, 3435.	3.8	29
7	Correlation between synthesis parameters and properties of magnetite clusters prepared by solvothermal polyol method. <i>Journal of Materials Science</i> , 2019, 54, 2853-2875.	3.7	29
8	Design, Synthesis and Antifungal Activity Evaluation of New Thiazolin-4-ones as Potential Lanosterol 14 α -Demethylase Inhibitors. <i>International Journal of Molecular Sciences</i> , 2017, 18, 177.	4.1	28
9	¹ H NMR spectroscopic characterization of inclusion complexes of tolfenamic and flufenamic acids with β -cyclodextrin. <i>Journal of Molecular Structure</i> , 2013, 1044, 72-78.	3.6	25
10	New 2-Phenylthiazoles as Potential Sortase A Inhibitors: Synthesis, Biological Evaluation and Molecular Docking. <i>Molecules</i> , 2017, 22, 1827.	3.8	24
11	Design, Synthesis and Biological Evaluation of New Piperazin-4-yl-(acetyl-thiazolidine-2,4-dione) Norfloxacin Analogues as Antimicrobial Agents. <i>Molecules</i> , 2019, 24, 3959.	3.8	24
12	Alternative approach of applying ¹ H NMR in conjunction with chemometrics for wine classification. <i>LWT - Food Science and Technology</i> , 2019, 109, 422-428.	5.2	24
13	Spectroscopic and theoretical study of amlodipine besylate. <i>Journal of Molecular Structure</i> , 2009, 924-926, 385-392.	3.6	23
14	Vibrational spectroscopy and theoretical studies on 2,4-dinitrophenylhydrazine. <i>Journal of Molecular Structure</i> , 2005, 744-747, 363-368.	3.6	22
15	The complexation of flurbiprofen with β -cyclodextrin: a NMR study in aqueous solution. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014, 78, 113-120.	1.6	22
16	New N-(oxazolylmethyl)-thiazolidinedione Active against <i>Candida albicans</i> Biofilm: Potential Als Proteins Inhibitors. <i>Molecules</i> , 2018, 23, 2522.	3.8	22
17	Inclusion of α -lipoic acid in β -cyclodextrin. Physical-chemical and structural characterization. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 76, 193-199.	1.6	21
18	X-ray, ¹ H NMR and DFT study on 5-para-X-benzylidene-thiazolidine derivatives with X=Br, F. <i>Computational and Theoretical Chemistry</i> , 2008, 851, 63-74.	1.5	18

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19	¹ H NMR investigation of self-association of vanillin in aqueous solution. Journal of Physics: Conference Series, 2009, 182, 012002.	0.4	18
20	Raman spectroscopic and DFT theoretical study of 4-(2-pyridylazo)resorcinol and its complexes with zinc(II) and copper(II). Journal of Molecular Structure, 2009, 919, 94-99.	3.6	18
21	Synthesis and Evaluation of Antimicrobial Activity of Some New Hetaryl- λ -Azoles Derivatives Obtained from 2-aryl-4-methylthiazol-5-carbohydrazides and Isonicotinic Acid Hydrazide. Journal of Heterocyclic Chemistry, 2012, 49, 1407-1414.	2.6	18
22	Synthesis and molecular interaction study of a diphenolic hidrazinyl-thiazole compound with strong antioxidant and antiradical activity with HSA. Journal of Molecular Structure, 2021, 1244, 131278.	3.6	14
23	Isotopic Analysis of some Romanian Wines by ² H NMR and IRMS. Food Biophysics, 2013, 8, 24-28.	3.0	13
24	3,5-Disubstituted Thiazolidine-2,4-Diones: Design, Microwave-Assisted Synthesis, Antifungal Activity, and ADMET Screening. SLAS Discovery, 2018, 23, 807-814.	2.7	13
25	Novel 2,4-Disubstituted-1,3-Thiazole Derivatives: Synthesis, Anti-Candida Activity Evaluation and Interaction with Bovine Serum Albumine. Molecules, 2020, 25, 1079.	3.8	13
26	Calorimetric and spectroscopic studies of the interaction between zidovudine and human serum albumin. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 191, 226-232.	3.9	12
27	NMR spectroscopic characterization of β -cyclodextrin inclusion complex with vanillin. Journal of Physics: Conference Series, 2009, 182, 012013.	0.4	10
28	Development of new 5-chromenyl-2,4-thiazolidinediones as antimicrobial agents. Medicine and Pharmacy Reports, 2016, 89, 122-127.	0.4	10
29	Spectroscopic and theoretical studies of dofetilide. Vibrational Spectroscopy, 2008, 48, 297-301.	2.2	8
30	Study of the binding affinity between imatinib and β -1 glycoprotein using nuclear spin relaxation and isothermal titration calorimetry. International Journal of Biological Macromolecules, 2020, 147, 326-332.	7.5	8
31	Phenolic Thiazoles with Antioxidant and Antiradical Activity. Synthesis, In Vitro Evaluation, Toxicity, Electrochemical Behavior, Quantum Studies and Antimicrobial Screening. Antioxidants, 2021, 10, 1707.	5.1	8
32	Characterization of β -cyclodextrin inclusion complex with procaine hydrochloride by ¹ H NMR and ITC. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2014, 79, 283-289.	1.6	7
33	Synthesis and Antimicrobial Activity of Some New N-substituted-5-arylidene-thiazolidine-2,4-diones. Journal of Heterocyclic Chemistry, 2014, 51, 411-417.	2.6	7
34	NMR study and computational assays of meclufenamic Na salt and β -cyclodextrin inclusion complex. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2016, 85, 111-120.	1.6	7
35	Authentication of Transylvanian Spirits Based on Isotope and Elemental Signatures in Conjunction with Statistical Methods. Foods, 2021, 10, 3000.	4.3	7
36	Experimental and theoretical investigation of 5-para-nitro-benzylidene-thiazolidine-2-thione-4-one molecule. Journal of Molecular Structure, 2009, 924-926, 361-370.	3.6	6

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37	The ring-chain tautomeric equilibria of selenium macrocyclic compounds: the isolation of the ring tautomer. Dalton Transactions, 2012, 41, 4506.	3.3	6
38	Determination of Isotopic Ratios and Metal Concentrations in <i>Nicotiana tabacum</i> (Tobacco). Analytical Letters, 2016, 49, 364-377.	1.8	6
39	A Novel Series of Acylhydrazones as Potential Anti-Candida Agents: Design, Synthesis, Biological Evaluation and In Silico Studies. Molecules, 2019, 24, 184.	3.8	6
40	Synthesis of New Phenolic Derivatives of Quinazolin-4(3H)-One as Potential Antioxidant Agents In Vitro Evaluation and Quantum Studies. Molecules, 2022, 27, 2599.	3.8	6
41	Molecular interaction of β -CD with 3-carboxy-1-[(2-phenyl-1,3-thiazol-4-yl) methyl]pyridin-1-ium iodide analyzed by isothermal titration calorimetry and NMR spectroscopy. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2015, 83, 257-265.	1.6	5
42	Synthesis and antimicrobial activity of some new N-(aryl-oxo-alkyl)-5-arylidene-thiazolidine-2,4-diones. Journal of the Serbian Chemical Society, 2014, 79, 115-123.	0.8	4
43	Synthesis and Antimicrobial Evaluation of Some New 4,5-Bisthiazoles. Journal of Heterocyclic Chemistry, 2015, 52, 999-1006.	2.6	4
44	Competitive Binding of Tolmetin to β -Cyclodextrin and Human Serum Albumin: ^1H NMR and Fluorescence Spectroscopy Studies. Journal of Solution Chemistry, 2017, 46, 44-57.	1.2	3
45	DESIGN AND SYNTHESIS OF SOME NOVEL 1,2,4-TRIAZOLE-3-YL-MERCAPTO DERIVATIVES AS POTENTIAL ANTI-CANDIDA AGENTS. Farmacia, 2018, 66, 948-958.	0.4	3
46	Rational Synthesis of Some New para-Aminobenzoic Acid Hybrids with Thiazolidin-2,4-diones with Antimicrobial Properties. ADMET and molecular docking evaluation. Revista De Chimie (discontinued), 2019, 70, 769-775.	0.4	3
47	Synthesis and spectral characterisation of a new metal complex with a bidentate ligand. Journal of Physics: Conference Series, 2009, 182, 012030.	0.4	2
48	Inclusion complex of benzocaine and β -cyclodextrin: [^1H NMR and isothermal titration calorimetry studies. , 2013, , .		2
49	Interaction of 1-methyl-1-({2-[4-(trifluoromethyl)phenyl]-1,3-thiazol-4-yl)methyl} piperidinium chloride with β -CD: spectroscopic, calorimetric and molecular modeling approaches. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2018, 92, 195-204.	1.6	2
50	DNA INTERCALATING ABILITY OF FOUR ACRIDINE-N-OXYDES DERIVATIVES INVESTIGATED BY SPECTRAL AND ELECTROCHEMICAL TECHNIQUES. Farmacia, 2018, 66, 688-696.	0.4	2
51	Stratified diffusion of HOD-D ₂ O inside COOH- and NH ₂ -functionalized multi-walled carbon nanotubes studied by NMR spectroscopy. Journal of Molecular Structure, 2022, 1249, 131653.	3.6	2
52	Antioxidant Activity Evaluation and Assessment of the Binding Affinity to HSA of a New Catechol Hydrazinyl-Thiazole Derivative. Antioxidants, 2022, 11, 1245.	5.1	2
53	Synthesis, lipophilicity and antimicrobial activity evaluation of some new thiazolyl-oxadiazolines. Medicine and Pharmacy Reports, 2015, 88, 521-529.	0.4	1
54	Time-Dependent Diffusion Studies on Miglyol Molecules Confined in Permeable Polymeric Capsules. Applied Magnetic Resonance, 2008, 34, 63-69.	1.2	0

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55	Structural investigation of a new antimicrobial thiazolidine compound. , 2013, , .		0
56	Regioselectivity evaluation of the (Z)-5-(4-hydroxybenzylidene)-thiazolidine-2,4-dione alkylation in alkaline environment. Journal of Molecular Structure, 2021, 1241, 130629.	3.6	0