

Maria Cristina Gamberini

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

994
citations

17
h-index

31
g-index

31
ext. papers

1,062
ext. citations

4.2
avg, IF

3.42
L-index

#	Paper	IF	Citations
30	Solid-state study of polymorphic drugs: carbamazepine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000 , 23, 41-54	3.5	218
29	Study of flavonoids/beta-cyclodextrins inclusion complexes by NMR, FT-IR, DSC, X-ray investigation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 29, 1005-14	3.5	157
28	1-Benzopyran-4-one antioxidants as aldose reductase inhibitors. <i>Journal of Medicinal Chemistry</i> , 1999 , 42, 1881-93	8.3	82
27	Pharmacological approaches to the treatment of diabetic complications. <i>Expert Opinion on Therapeutic Patents</i> , 2000 , 10, 1245-1262	6.8	65
26	Discovery of new inhibitors of aldose reductase from molecular docking and database screening. <i>Bioorganic and Medicinal Chemistry</i> , 2002 , 10, 1437-50	3.4	52
25	Study of beta-blockers/beta-cyclodextrins inclusion complex by NMR, DSC, X-ray and SEM investigation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000 , 23, 33-40	3.5	45
24	Characterization of polymorphic ampicillin forms. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 100, 329-340	3.5	31
23	Relationship between quantum-chemical descriptors of proton dissociation and experimental acidity constants of various hydroxylated coumarins. Identification of the biologically active species for xanthine oxidase inhibition. <i>European Journal of Medicinal Chemistry</i> , 2007 , 42, 1028-31	6.8	30
22	Isoxazolo-[3,4-d]-pyridazin-7-(6H)-one as a potential substrate for new aldose reductase inhibitors. <i>Journal of Medicinal Chemistry</i> , 1999 , 42, 1894-900	8.3	30
21	Solid state characterization of chloramphenicol palmitate. Raman spectroscopy applied to pharmaceutical polymorphs. <i>Journal of Molecular Structure</i> , 2006 , 785, 216-224	3.4	27
20	A multi-analytical approach for the characterization of powders from the Pompeii archaeological site. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 401, 1801-14	4.4	25
19	Characterization of fresh and aged natural ingredients used in historical ointments by molecular spectroscopic techniques: IR, Raman and fluorescence. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 401, 1827-37	4.4	24
18	Chemico-physical investigation of tenofovir loaded polymeric nanoparticles. <i>International Journal of Pharmaceutics</i> , 2012 , 436, 753-63	6.5	22
17	MicroRaman and infrared spectroscopic characterization of ancient cosmetics. <i>Vibrational Spectroscopy</i> , 2008 , 47, 82-90	2.1	21
16	Nitrophenyl derivatives as aldose reductase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2002 , 10, 3923-31	3.4	20
15	Vibrational study of acetazolamide polymorphism. <i>Journal of Molecular Structure</i> , 2009 , 918, 88-96	3.4	19
14	Presence of endogenous prednisolone in human urine. <i>Steroids</i> , 2013 , 78, 121-6	2.8	18

13	Structural, electronic, thermodynamical and charge transfer properties of Chloramphenicol Palmitate using vibrational spectroscopy and DFT calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 101, 335-42	4.4	16
12	Vibrational study of tamoxifen citrate polymorphism. <i>Journal of Molecular Structure</i> , 2007 , 840, 29-37	3.4	15
11	A round robin exercise in archaeometry: analysis of a blind sample reproducing a seventeenth century pharmaceutical ointment. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 401, 1847-60	4.4	12
10	Properties of the racemic species of verapamil hydrochloride and gallopamil hydrochloride. <i>International Journal of Pharmaceutics</i> , 1999 , 178, 111-20	6.5	12
9	Evaluation of equine urine reactivity towards phase II metabolites of 17-hydroxy steroids by liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009 , 23, 65-76	2.2	10
8	Intermolecular charge transfer and vibrational analysis of hydrogen bonding in acetazolamide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 99, 150-9	4.4	8
7	Spectral analysis of pharmaceutical formulations prepared according to ancient recipes in comparison with old museum remains. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 401, 1839-46	4.4	8
6	Binding of 1-benzopyran-4-one derivatives to aldose reductase: a free energy perturbation study. <i>Bioorganic and Medicinal Chemistry</i> , 2002 , 10, 1427-36	3.4	8
5	DFT, molecular docking and SERS (concentration and solvent dependant) investigations of a methylisoxazole derivative with potential antimicrobial activity. <i>Journal of Molecular Structure</i> , 2021 , 1232, 130034	3.4	8
4	IR, Raman and SERS spectra of propantheline bromide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 103, 1-10	4.4	4
3	Phoenicians Preferred Red Pigments: Chemical Compositions of Make-Up Powders Found in Archaeological Sites from Sicily. <i>Applied Spectroscopy</i> , 2020 , 74, 295-304	3.1	3
2	Development of a liquid chromatography-tandem mass spectrometry method for an euthanasic veterinarian drug: Tanax. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 48, 902-8	3.5	2
1	Perfumes and Cosmetics 2018 , 1-5		2