

# Maria Cristina Gamberini

## List of Publications by Year in descending order

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29  
papers

1,141  
citations

430874

18  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1722  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid-state study of polymorphic drugs: carbamazepine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000, 23, 41-54.	2.8	243
2	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, 1005-1014.	2.8	175
3	1-Benzopyran-4-one Antioxidants as Aldose Reductase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 1881-1893.	6.4	95
4	Pharmacological approaches to the treatment of diabetic complications. <i>Expert Opinion on Therapeutic Patents</i> , 2000, 10, 1245-1262.	5.0	73
5	Discovery of new inhibitors of aldose reductase from molecular docking and database screening. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 1437-1450.	3.0	59
6	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.	2.8	51
7	Characterization of polymorphic ampicillin forms. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 100, 329-340.	2.8	39
8	Solid state characterization of chloramphenicol palmitate. Raman spectroscopy applied to pharmaceutical polymorphs. <i>Journal of Molecular Structure</i> , 2006, 785, 216-224.	3.6	35
9	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, 1894-1900.	6.4	34
10	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, 1028-1031.	5.5	31
11	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, 1827-1837.	3.7	28
12	A multi-analytical approach for the characterization of powders from the Pompeii archaeological site. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 1801-1814.	3.7	27
13	MicroRaman and infrared spectroscopic characterization of ancient cosmetics. <i>Vibrational Spectroscopy</i> , 2008, 47, 82-90.	2.2	25
14	Chemico-physical investigation of tenofovir loaded polymeric nanoparticles. <i>International Journal of Pharmaceutics</i> , 2012, 436, 753-763.	5.2	25
15	Nitrophenyl Derivatives as Aldose Reductase Inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 3923-3931.	3.0	23
16	Presence of endogenous prednisolone in human urine. <i>Steroids</i> , 2013, 78, 121-126.	1.8	23
17	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, 335-342.	3.9	22
18	Vibrational study of acetazolamide polymorphism. <i>Journal of Molecular Structure</i> , 2009, 918, 88-96.	3.6	20

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19	Vibrational study of tamoxifen citrate polymorphism. <i>Journal of Molecular Structure</i> , 2007, 840, 29-37.	3.6	17
20	Evaluation of equine urine reactivity towards phase II metabolites of 17 $\alpha$ -hydroxy steroids by liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 65-76.	1.5	16
21	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.	3.6	15
22	Properties of the racemic species of verapamil hydrochloride and gallopamil hydrochloride. <i>International Journal of Pharmaceutics</i> , 1999, 178, 111-120.	5.2	13
23	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, 1847-1860.	3.7	13
24	Intermolecular charge transfer and vibrational analysis of hydrogen bonding in acetazolamide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 99, 150-159.	3.9	9
25	Binding of 1-Benzopyran-4-one Derivatives to Aldose Reductase: A Free Energy Perturbation Study. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 1427-1436.	3.0	8
26	Spectral analysis of pharmaceutical formulations prepared according to ancient recipes in comparison with old museum remains. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 1839-1846.	3.7	8
27	IR, Raman and SERS spectra of propantheline bromide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 103, 1-10.	3.9	6
28	Development of a liquid chromatography-tandem mass spectrometry method for an euthanasic veterinarian drug: Tanax <sup>®</sup> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 902-908.	2.8	3
29	Phoenicians Preferred Red Pigments: Chemical Compositions of Make-Up Powders Found in Archaeological Sites from Sicily. <i>Applied Spectroscopy</i> , 2020, 74, 295-304.	2.2	3