

Rosanna Stancanelli

List of Publications by Year in descending order

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29
papers

1,005
citations

471061

17
h-index

476904

29
g-index

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all docs

29
docs citations

29
times ranked

1657
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement in solubility and dissolution rate of flavonoids by complexation with β -cyclodextrin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 35, 379-387.	1.4	220
2	LC-MS for the identification of oxygen heterocyclic compounds in citrus essential oils. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000, 24, 147-154.	1.4	135
3	A characterization study of resveratrol/sulfobutyl ether- β -cyclodextrin inclusion complex and in vitro anticancer activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 115, 22-28.	2.5	107
4	Inclusion of 5-[4-(1-Dodecanoylpyridinium)]-10,15,20-triphenylporphine in Supramolecular Aggregates of Cationic Amphiphilic Cyclodextrins: Physicochemical Characterization of the Complexes and Strengthening of the Antimicrobial Photosensitizing Activity. <i>Biomacromolecules</i> , 2009, 10, 2592-2600.	2.6	62
5	Physicochemical Characterization and Antioxidant Activity Evaluation of Idebenone/Hydroxypropyl- β -Cyclodextrin Inclusion Complex. <i>Biomolecules</i> , 2019, 9, 531.	1.8	51
6	Gemcitabine anticancer activity enhancement by water soluble celecoxib/sulfobutyl ether- β -cyclodextrin inclusion complex. <i>Carbohydrate Polymers</i> , 2019, 206, 792-800.	5.1	37
7	Temperature Effect on the Vibrational Dynamics of Cyclodextrin Inclusion Complexes: Investigation by FTIR-ATR Spectroscopy and Numerical Simulation. <i>Journal of Physical Chemistry A</i> , 2010, 114, 6811-6817.	1.1	34
8	Celecoxib-loaded PLGA/cyclodextrin microspheres: Characterization and evaluation of anti-inflammatory activity on human chondrocyte cultures. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 111, 289-296.	2.5	28
9	Use of short-end injection capillary packed with a glycopeptide antibiotic stationary phase in electrochromatography and capillary liquid chromatography for the enantiomeric separation of hydroxy acids. <i>Journal of Chromatography A</i> , 2003, 990, 143-151.	1.8	27
10	Synthesis, resolution, stereochemistry, and molecular modeling of (R)- and (S)-2-acetyl-1-(4-chlorophenyl)-6,7-dimethoxy-1,2,3,4-tetrahydroisoquinoline AMPAR antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 5417-5423.	1.4	27
11	Gemcitabine-loaded chitosan microspheres. Characterization and biological in vitro evaluation. <i>Biomedical Microdevices</i> , 2011, 13, 799-807.	1.4	27
12	The effect of hydrogen bond on the vibrational dynamics of genistein free and complexed with β -cyclodextrins. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 764-770.	1.2	24
13	Amphiphilic Cyclodextrins as Nanocarriers of Genistein: A Spectroscopic Investigation Pointing Out the Structural Properties of the Host/Drug Complex System. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 3141-3149.	1.6	22
14	Nanotherapeutics for anti-inflammatory delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 32, 174-191.	1.4	21
15	Rutin-Loaded Solid Lipid Nanoparticles: Characterization and In Vitro Evaluation. <i>Molecules</i> , 2021, 26, 1039.	1.7	21
16	Structural and spectroscopic features of lutein/butanoyl- β -cyclodextrin nanoassemblies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 71, 214-218.	1.4	20
17	Host-guest interactions in Captisol®/Coumestrol inclusion complex: UV-vis, FTIR-ATR and Raman studies. <i>Journal of Molecular Structure</i> , 2017, 1146, 512-521.	1.8	19
18	Rapid Analysis of Essential and Branched-Chain Amino Acids in Nutraceutical Products by Micellar Electrokinetic Capillary Chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 3324-3329.	2.4	16

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19	Improvement of water solubility of non-competitive AMPA receptor antagonists by complexation with β -cyclodextrin. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 8706-8712.	1.4	14
20	Isoflavone aglycons-sulfobutyl ether- β -cyclodextrin inclusion complexes: in solution and solid state studies. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015, 83, 27-36.	0.9	14
21	Synthesis and characterization of a colloidal novel folic acid- β -cyclodextrin conjugate for targeted drug delivery. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011, 69, 321-325.	1.6	12
22	A Phase Solubility Study on the Chiral Discrimination of Ibuprofen by β -Cyclodextrin Complexes. <i>Food Biophysics</i> , 2011, 6, 267-273.	1.4	12
23	Physicochemical properties of inclusion complexes of highly soluble β -cyclodextrins with highly hydrophobic testosterone propionate. <i>International Journal of Pharmaceutics</i> , 2017, 534, 316-324.	2.6	11
24	Chitosan-Hyaluronan Nanoparticles for Vinblastine Sulfate Delivery: Characterization and Internalization Studies on K-562 Cells. <i>Pharmaceutics</i> , 2022, 14, 942.	2.0	11
25	Influence of the "Host-Guest" Interactions on the Mobility of Genistein/ β -Cyclodextrin Inclusion Complex. <i>Journal of Physical Chemistry B</i> , 2009, 113, 11032-11038.	1.2	10
26	Temperature-Dependent Dynamical Evolution in Coum/SBE- β -CD Inclusion Complexes Revealed by Two-Dimensional FTIR Correlation Spectroscopy (2D-COS). <i>Molecules</i> , 2021, 26, 3749.	1.7	8
27	Solute-Solvent Interactions in Aqueous Solutions of Sulfobutyl Ether- β -cyclodextrin As Probed by UV-Raman and FTIR-ATR Analysis. <i>Journal of Physical Chemistry B</i> , 2016, 120, 3746-3753.	1.2	6
28	Analysis of the thermal fluctuations in inclusion complexes of genistein with β -cyclodextrin derivatives. <i>Chemical Physics</i> , 2019, 516, 125-131.	0.9	5
29	Water dynamics in amphiphiles and alcoholic solutions. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1998, 257, 107-118.	1.2	4