

Luigi Manna

List of Publications by Year in descending order

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16
papers

459
citations

687363

13
h-index

940533

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all docs

16
docs citations

16
times ranked

668
citing authors

#	ARTICLE	IF	CITATIONS
1	Impregnation of PVP microparticles with ketoprofen in the presence of supercritical CO ₂ . Journal of Supercritical Fluids, 2007, 42, 378-384.	3.2	74
2	Valorization of hazelnut, coffee and grape wastes through supercritical fluid extraction of triglycerides and polyphenols. Journal of Supercritical Fluids, 2015, 104, 204-211.	3.2	68
3	QSPR prediction of N-boiling point and critical properties of organic compounds and comparison with a group-contribution method. Fluid Phase Equilibria, 2008, 263, 33-42.	2.5	53
4	Supercritical solvent impregnation of piroxicam on PVP at various polymer molecular weights. Journal of Supercritical Fluids, 2009, 49, 271-278.	3.2	42
5	The phase partition of disperse dyes in the dyeing of polyethylene terephthalate with a supercritical CO ₂ /methanol mixture. Journal of Supercritical Fluids, 2009, 48, 72-78.	3.2	34
6	Characterization of Ketoprofen/Methyl- β -Cyclodextrin Complexes Prepared Using Supercritical Carbon Dioxide. Journal of Chemistry, 2013, 2013, 1-8.	1.9	30
7	Incorporation of clotrimazole in Ordered Mesoporous Silica by supercritical CO ₂ . Microporous and Mesoporous Materials, 2014, 200, 291-296.	4.4	30
8	Nanostructured ZnO as Multifunctional Carrier for a Green Antibacterial Drug Delivery System—A Feasibility Study. Nanomaterials, 2019, 9, 407.	4.1	22
9	An emulsification/internal setting technique for the preparation of coated and uncoated hybrid silica/alginate aerogel beads for controlled drug delivery. Journal of Supercritical Fluids, 2018, 142, 1-9.	3.2	21
10	The use of lysine to enhance the supercritical complexation of ketoprofen and cyclodextrins. Journal of Supercritical Fluids, 2012, 67, 76-83.	3.2	18
11	Investigation of the piroxicam/hydroxypropyl- β -cyclodextrin inclusion complexation by means of a supercritical solvent in the presence of auxiliary agents. Journal of Supercritical Fluids, 2011, 57, 259-266.	3.2	17
12	A green organic-solvent-free route to prepare nanostructured zinc oxide carriers of clotrimazole for pharmaceutical applications. Journal of Cleaner Production, 2018, 172, 1433-1439.	9.3	16
13	Supercritical Solvent Impregnation of Different Drugs in Mesoporous Nanostructured ZnO. Pharmaceutics, 2019, 11, 340.	4.5	16
14	Comparison between Multi-Linear- and Radial-Basis-Function-Neural-Network-Based QSPR Models for The Prediction of The Critical Temperature, Critical Pressure and Acentric Factor of Organic Compounds. Molecules, 2018, 23, 1379.	3.8	12
15	Piroxicam Loading onto Mesoporous Silicas by Supercritical CO ₂ Impregnation. Molecules, 2021, 26, 2500.	3.8	5
16	The Role of the pH in the Impregnation of Spherical Mesoporous Silica Particles with L-Arginine Aqueous Solutions. International Journal of Molecular Sciences, 2021, 22, 13403.	4.1	1