

Malvina G Orkoula

List of Publications by Year in descending order

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30
papers

660
citations

643344

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all docs

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docs citations

30
times ranked

1133
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring Bismuth Oxide Particle Size and Morphology in Film-Coated Tablets. <i>Molecules</i> , 2022, 27, 2602.	1.7	0
2	Comparative Study of Sample Carriers for the Identification of Volatile Compounds in Biological Fluids Using Raman Spectroscopy. <i>Molecules</i> , 2022, 27, 3279.	1.7	3
3	Analysis of IV Drugs in the Hospital Workflow by Raman Spectroscopy: The Case of Piperacillin and Tazobactam. <i>Molecules</i> , 2021, 26, 5879.	1.7	3
4	Warfarin Sodium Stability in Oral Formulations. <i>Molecules</i> , 2021, 26, 6631.	1.7	3
5	Sample Preparation of Posaconazole Oral Suspensions for Identification of the Crystal Form of the Active Pharmaceutical Ingredient. <i>Molecules</i> , 2020, 25, 6032.	1.7	2
6	FT-IR/ATR Solid Film Formation: Qualitative and Quantitative Analysis of a Piperacillin-Tazobactam Formulation. <i>Molecules</i> , 2020, 25, 6051.	1.7	5
7	Effect of Plant Extracts on the Characteristics of Silver Nanoparticles for Topical Application. <i>Pharmaceutics</i> , 2020, 12, 1244.	2.0	32
8	Changes in size and composition of pigweed (<i>Amaranthus hybridus</i> L.) calcium oxalate crystals under CO ₂ starvation conditions. <i>Physiologia Plantarum</i> , 2019, 166, 862-872.	2.6	12
9	Detection and quantitative determination of heavy metals in electronic cigarette refill liquids using Total Reflection X-ray Fluorescence Spectrometry. <i>Food and Chemical Toxicology</i> , 2018, 116, 233-237.	1.8	46
10	Apolipoprotein A-1 regulates osteoblast and lipoblast precursor cells in mice. <i>Laboratory Investigation</i> , 2016, 96, 763-772.	1.7	37
11	Reevaluation of the plant "gemstones" Calcium oxalate crystals sustain photosynthesis under drought conditions. <i>Plant Signaling and Behavior</i> , 2016, 11, e1215793.	1.2	23
12	Alarm Photosynthesis: Calcium Oxalate Crystals as an Internal CO ₂ Source in Plants. <i>Plant Physiology</i> , 2016, 171, 2577-2585.	2.3	97
13	Investigation of the neuroprotective action of saffron (<i>Crocus sativus</i> L.) in aluminum-exposed adult mice through behavioral and neurobiochemical assessment. <i>Food and Chemical Toxicology</i> , 2013, 52, 163-170.	1.8	88
14	A quantitative bioapatite/collagen calibration method using Raman spectroscopy of bone. <i>Journal of Biophotonics</i> , 2013, 6, 573-586.	1.1	28
15	Study of bone matrix changes induced by osteoporosis in rat tibia using Raman spectroscopy. <i>Vibrational Spectroscopy</i> , 2012, 63, 404-408.	1.2	29
16	Effect of hydrazine based deproteination protocol on bone mineral crystal structure. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 1139-1148.	1.7	13
17	Zinc Binding Properties of Engineered RING Finger Domain of Arkadia E3 Ubiquitin Ligase. <i>Bioinorganic Chemistry and Applications</i> , 2010, 2010, 1-7.	1.8	17
18	Non-destructive quantitative analysis of risperidone in film-coated tablets. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 47, 631-635.	1.4	22

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19	Quantitative Nondestructive Methods for the Determination of Ticlopidine in Tablets Using Reflectance Near-Infrared and Fourier Transform Raman Spectroscopy. <i>Applied Spectroscopy</i> , 2008, 62, 251-257.	1.2	9
20	Analysis and stability of polymorphs in tablets: The case of Risperidone. <i>Talanta</i> , 2007, 71, 1382-1386.	2.9	36
21	Validation of a direct non-destructive quantitative analysis of amiodarone hydrochloride in Angoron® formulations using FT-Raman spectroscopy. <i>Talanta</i> , 2007, 73, 258-261.	2.9	12
22	Quantitative analysis of liquid formulations using FT-Raman spectroscopy and HPLC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 1406-1411.	1.4	20
23	Development of methodologies based on HPLC and Raman spectroscopy for monitoring the stability of lovastatin in solid state in the presence of gallic acid. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 35, 1011-1016.	1.4	2
24	Kinetics of dissolution of powdered Pentelic marble in undersaturated solutions: the role of particle characteristics. <i>Journal of Colloid and Interface Science</i> , 2003, 259, 287-292.	5.0	1
25	Variability of Dissolution Rates at Constant Undersaturation. <i>Journal of Colloid and Interface Science</i> , 2002, 253, 185-189.	5.0	4
26	Dissolution Effects on Specific Surface Area, Particle Size, and Porosity of Pentelic Marble. <i>Journal of Colloid and Interface Science</i> , 2001, 239, 483-488.	5.0	12
27	Dissolution of Pentelic Marble at Alkaline pH. <i>Langmuir</i> , 2000, 16, 7263-7267.	1.6	8
28	Wettability of CaCO ₃ surfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 157, 333-340.	2.3	25
29	Quantitative Analysis of Sulfated Calcium Carbonates Using Raman Spectroscopy and X-ray Powder Diffraction. <i>Analyst</i> , 1997, 122, 33-38.	1.7	39
30	Quantitative non-destructive determination of salicylic acid acetate in aspirin tablets by Raman spectroscopy. <i>Talanta</i> , 1994, 41, 1981-1984.	2.9	32