

Michele De Luca

List of Publications by Year in descending order

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63
papers

1,272
citations

304743

22
h-index

395702

33
g-index

63
all docs

63
docs citations

63
times ranked

1478
citing authors

#	ARTICLE	IF	CITATIONS
1	Coupling of spectrometric, chromatographic, and chemometric analysis in the investigation of the photodegradation of sulfamethoxazole. <i>Talanta</i> , 2022, 239, 122953.	5.5	9
2	Ultrasound-Assisted Extraction, Chemical Characterization, and Impact on Cell Viability of Food Wastes Derived from Southern Italy Autochthonous Citrus Fruits. <i>Antioxidants</i> , 2022, 11, 285.	5.1	6
3	Encapsulation of Alpha-Lipoic Acid in Functional Hybrid Liposomes: Promising Tool for the Reduction of Cisplatin-Induced Ototoxicity. <i>Pharmaceutics</i> , 2022, 15, 394.	3.8	7
4	Interaction of letrozole and its degradation products with aromatase: chemometric assessment of kinetics and structure-based binding validation. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 1600-1609.	5.2	5
5	Spectral Data Analysis for a Complex Drug Mixture Containing Altizide, Potassium Canrenoate, and Rescinnamine. <i>Journal of Applied Spectroscopy</i> , 2021, 87, 1079-1086.	0.7	1
6	Use of Pluronic Surfactants in Gel Formulations of Photosensitive 1,4-Dihydropyridine Derivatives: A Potential Approach in the Treatment of Neuropathic Pain. <i>Pharmaceutics</i> , 2021, 13, 527.	4.5	3
7	Efficacy of Red Glass in Protecting 1,4-Dihydropyridine Antihypertensive Drugs in Liquid Formulations. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3442.	2.5	0
8	Toward Multitasking Pharmacological COX-Targeting Agents: Non-Steroidal Anti-Inflammatory Prodrugs with Antiproliferative Effects. <i>Molecules</i> , 2021, 26, 3940.	3.8	7
9	Central retinal thickness fluctuations in patients treated with anti-VEGF for neovascular age related macular degeneration. <i>European Journal of Ophthalmology</i> , 2021, , 112067212110378.	1.3	5
10	Photodegradation of Anti-Inflammatory Drugs: Stability Tests and Lipid Nanocarriers for Their Photoprotection. <i>Molecules</i> , 2021, 26, 5989.	3.8	13
11	Essential Oils of <i>Foeniculum vulgare</i> subsp. <i>piperitum</i> and Their <i>in Vitro</i> Anti-Arthritic Potential. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000388.	2.1	10
12	Assessment of Surface Water Quality Using Multivariate Analysis: Case Study of the Crati River, Italy. <i>Water (Switzerland)</i> , 2020, 12, 2214.	2.7	15
13	Cyclodextrins in topical gel formulation as photoprotective system for Nabumetone. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 777, 012005.	0.6	1
14	Photostability study of multicomponent drug formulations via MCR-ALS: The case of the hydrochlorothiazide-amiloride mixture. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 186, 113332.	2.8	10
15	Gel Formulation of Nabumetone and a Newly Synthesized Analog: Microemulsion as a Photoprotective Topical Delivery System. <i>Pharmaceutics</i> , 2020, 12, 423.	4.5	10
16	Evaluation of human breastmilk adulteration by combining Fourier transform infrared spectroscopy and partial least square modeling. <i>Food Science and Nutrition</i> , 2019, 7, 2194-2201.	3.4	13
17	Reverse Transcriptase Inhibitors Nanosystems Designed for Drug Stability and Controlled Delivery. <i>Pharmaceutics</i> , 2019, 11, 197.	4.5	15
18	1,4-Dihydropyridine Antihypertensive Drugs: Recent Advances in Photostabilization Strategies. <i>Pharmaceutics</i> , 2019, 11, 85.	4.5	53

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19	CCR5/CXCR4 Dual Antagonism for the Improvement of HIV Infection Therapy. <i>Molecules</i> , 2019, 24, 550.	3.8	20
20	A New Generation of Dihydropyridine Calcium Channel Blockers: Photostabilization of Liquid Formulations Using Nonionic Surfactants. <i>Pharmaceutics</i> , 2019, 11, 28.	4.5	10
21	Photo and thermal stress of linseed oil and stabilization strategies. <i>Journal of Food Science and Technology</i> , 2019, 56, 614-623.	2.8	0
22	PHOTODEGRADATION OF 1, 4-DIHYDROPYRIDINE ANTIHYPERTENSIVE DRUGS: AN UPDATED REVIEW. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 2018, 10, 8.	0.3	6
23	A critical evaluation of the analytical techniques in the photodegradation monitoring of edible oils. <i>LWT - Food Science and Technology</i> , 2017, 76, 147-155.	5.2	16
24	Photosensitive drugs: a review on their photoprotection by liposomes and cyclodextrins. <i>Drug Delivery</i> , 2017, 24, 33-44.	5.7	43
25	Light-sensitive drugs in topical formulations: stability indicating methods and photostabilization strategies. <i>Future Medicinal Chemistry</i> , 2017, 9, 1795-1808.	2.3	9
26	Synthesis and photodegradation studies of analogues of muscle relaxant 1,4-dihydropyridine compounds. <i>Acta Pharmaceutica</i> , 2017, 67, 341-355.	2.0	7
27	A single MCR-ALS model for drug analysis in different formulations: Application on diazepam commercial preparations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 134, 346-351.	2.8	14
28	Biogenic Amines as Quality Marker in Organic and Fair-Trade Cocoa-Based Products. <i>Sustainability</i> , 2016, 8, 856.	3.2	9
29	Photostabilization studies of antihypertensive 1,4-dihydropyridines using polymeric containers. <i>International Journal of Pharmaceutics</i> , 2016, 505, 376-382.	5.2	13
30	Photodegradation studies of 1,4-dihydropyridine compounds by MCR analysis on UV spectral data. <i>Future Medicinal Chemistry</i> , 2016, 8, 107-115.	2.3	12
31	Chemometric analysis for discrimination of extra virgin olive oils from whole and stoned olive pastes. <i>Food Chemistry</i> , 2016, 202, 432-437.	8.2	39
32	Optimization of wavelength range and data interval in chemometric analysis of complex pharmaceutical mixtures. <i>Journal of Pharmaceutical Analysis</i> , 2016, 6, 64-69.	5.3	17
33	Stability-Indicating Methods for NSAIDs in Topical Formulations and Photoprotection in Host-Guest Matrices. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 676-682.	2.4	6
34	Acute Toxicity of Antibiotics in Surface Waters by Bioluminescence Test. <i>Current Pharmaceutical Analysis</i> , 2016, 12, 220-226.	0.6	12
35	Photostability and ex-vivo permeation studies on diclofenac in topical niosomal formulations. <i>International Journal of Pharmaceutics</i> , 2015, 494, 490-497.	5.2	51
36	Chemometric classification of citrus juices of Moroccan cultivars by infrared spectroscopy. <i>Czech Journal of Food Sciences</i> , 2015, 33, 137-142.	1.2	9

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37	Photostability of barnidipine in combined cyclodextrin-in-liposome matrices. <i>Future Medicinal Chemistry</i> , 2014, 6, 35-43.	2.3	31
38	The difficulties for a photolabile drug in topical formulations: The case of diclofenac. <i>International Journal of Pharmaceutics</i> , 2014, 465, 284-290.	5.2	23
39	Cumulative area pre-processing (CAP): A new treatment of UV data for the analysis of complex pharmaceutical mixtures. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 90, 45-51.	2.8	6
40	Prediction of the geographical origin of butters by partial least square discriminant analysis (PLS-DA) applied to infrared spectroscopy (FTIR) data. <i>Journal of Food Composition and Analysis</i> , 2014, 33, 210-215.	3.9	84
41	Multivariate curve resolution of incomplete fused multiset data from chromatographic and spectrophotometric analyses for drug photostability studies. <i>Analytica Chimica Acta</i> , 2014, 837, 31-37.	5.4	37
42	Study of photodegradation kinetics of melatonin by multivariate curve resolution (MCR) with estimation of feasible band boundaries. <i>Drug Testing and Analysis</i> , 2013, 5, 96-102.	2.6	28
43	Lonidamine and related impurities: HPLC analysis, stability profile and degradation pathways. <i>Analytical Methods</i> , 2013, 5, 1715.	2.7	2
44	Fractional Wavelet Transformâ€“Continuous Wavelet Transform for the Quantification of Melatonin and Its Photodegradation Product. <i>Spectroscopy Letters</i> , 2012, 45, 337-343.	1.0	10
45	A study of pH-dependent photodegradation of amiloride by a multivariate curve resolution approach to combined kinetic and acidâ€“base titration UV data. <i>Analyst, The</i> , 2012, 137, 5428.	3.5	33
46	Classification of moroccan olive cultivars by linear discriminant analysis applied to ATRâ€“FTIR spectra of endocarps. <i>International Journal of Food Science and Technology</i> , 2012, 47, 1286-1292.	2.7	36
47	HPLC Determination of Antihistaminic Drugs in Surface Waters and Toxicological Evaluation by <i>Vibrio Fischeri</i> Test. <i>Current Pharmaceutical Analysis</i> , 2012, 8, 196-205.	0.6	4
48	Trace lead monitoring in waters by potentiometric stripping analysis. <i>European Journal of Water Quality</i> , 2012, 43, 43-52.	0.1	0
49	Artificial Neural Network Combined with Principal Component Analysis for Resolution of Complex Pharmaceutical Formulations. <i>Chemical and Pharmaceutical Bulletin</i> , 2011, 59, 35-40.	1.3	23
50	A discriminant method for classification of Moroccan olive varieties by using direct FT-IR analysis of the mesocarp section. <i>Vibrational Spectroscopy</i> , 2011, 56, 123-128.	2.2	25
51	Derivative FTIR spectroscopy for cluster analysis and classification of morocco olive oils. <i>Food Chemistry</i> , 2011, 124, 1113-1118.	8.2	89
52	Different photodegradation behavior of barnidipine under natural and forced irradiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 215, 205-213.	3.9	28
53	Kinetic studies of nitrofurazone photodegradation by multivariate curve resolution applied to UV-spectral data. <i>International Journal of Pharmaceutics</i> , 2010, 386, 99-107.	5.2	39
54	Multivariate calibration techniques applied to derivative spectroscopy data for the analysis of pharmaceutical mixtures. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2009, 96, 14-21.	3.5	57

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55	Prediction of photosensitivity of 1,4-dihydropyridine antihypertensives by quantitative structure-property relationship. <i>Talanta</i> , 2009, 79, 1418-1424.	5.5	31
56	Multivariate analysis of paracetamol, propiphenazone, caffeine and thiamine in quaternary mixtures by PCR, PLS and ANN calibrations applied on wavelet transform data. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 1471-1475.	2.8	34
57	Monitoring of water quality in South Paris district by clustering and SIMCA classification. <i>International Journal of Environmental Analytical Chemistry</i> , 2008, 88, 1087-1105.	3.3	7
58	An application of cluster analysis and multivariate classification methods to spring water monitoring data. <i>Microchemical Journal</i> , 2007, 87, 119-127.	4.5	57
59	Determination of trapidil in human serum and urine by derivative UV spectrophotometry after selective solid-phase extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 923-929.	3.7	5
60	Photostabilization of 1,4-Dihydropyridine Antihypertensives by Incorporation into β -Cyclodextrin and Liposomes. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 2979-2985.	0.9	28
61	Photo- and Thermal-Stability Studies on Benzimidazole Anthelmintics by HPLC and GC-MS. <i>Chemical and Pharmaceutical Bulletin</i> , 2006, 54, 802-806.	1.3	35
62	A critical study on the application of the zero-crossing derivative spectrophotometry to the photodegradation monitoring of lacidipine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 42, 39-45.	2.8	30
63	Improvement of multivariate calibration techniques applied to 1-to-N component mixtures through an optimized experimental design. <i>Microchemical Journal</i> , 2006, 83, 24-34.	4.5	14