

# Mafalda Cruz SarraguÃ§a

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,146  
citations

535685

17  
h-index

445137

33  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1774  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural, thermal, vibrational, solubility and DFT studies of a tolbutamide co-amorphous drug delivery system for treatment of diabetes. <i>International Journal of Pharmaceutics</i> , 2022, 615, 121500.	2.6	7
2	Solids Turn into Liquids—Liquid Eutectic Systems of Pharmaceutics to Improve Drug Solubility. <i>Pharmaceutics</i> , 2022, 15, 279.	1.7	6
3	Beef Consumers Behaviour and Preferences—The Case of Portugal. <i>Sustainability</i> , 2022, 14, 2358.	1.6	7
4	Mechanochemistry in Portugal—A Step towards Sustainable Chemical Synthesis. <i>Molecules</i> , 2022, 27, 241.	1.7	7
5	Determination of co-crystal phase purity by mid infrared spectroscopy and multiple curve resolution. <i>International Journal of Pharmaceutics</i> , 2021, 595, 120246.	2.6	1
6	Considerations on high-throughput cocrystals screening by ultrasound assisted cocrystallization and vibrational spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 229, 117876.	2.0	7
7	How can oral paediatric formulations be improved? A challenge for the XXI century. <i>International Journal of Pharmaceutics</i> , 2020, 590, 119905.	2.6	11
8	Assessment of HOCl Production in Human blood: Experimental Optimization and Proof of Concept for the Antioxidant Activity of Flavonoids in this Complex Matrix. <i>Free Radical Biology and Medicine</i> , 2020, 159, S42.	1.3	0
9	A new salt of clofazimine to improve leprosy treatment. <i>Journal of Molecular Structure</i> , 2020, 1214, 128226.	1.8	8
10	Optimization of Experimental Settings for the Assessment of Reactive Oxygen Species Production by Human Blood. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	4
11	In-Depth Evaluation of Data Collected During a Continuous Pharmaceutical Manufacturing Process: A Multivariate Statistical Process Monitoring Approach. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 439-450.	1.6	14
12	Synthesis of a Glibenclamide Cocrystal: Full Spectroscopic and Thermal Characterization. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 1597-1604.	1.6	16
13	Process monitoring and evaluation of a continuous pharmaceutical twin-screw granulation and drying process using multivariate data analysis. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 128, 36-47.	2.0	17
14	Data Processing in Multivariate Analysis of Pharmaceutical Processes. , 2018, , 35-51.		1
15	Organic Compounds. , 2018, , 236-236.		2
16	Vibrational Spectroscopy for Cocrystals Screening. A Comparative Study. <i>Molecules</i> , 2018, 23, 3263.	1.7	15
17	Pharmaceutical cocrystallization techniques. Advances and challenges. <i>International Journal of Pharmaceutics</i> , 2018, 547, 404-420.	2.6	100
18	Physicochemical fingerprinting of thermal waters of Beira Interior region of Portugal. <i>Environmental Geochemistry and Health</i> , 2017, 39, 483-496.	1.8	13

#	ARTICLE	IF	CITATIONS
19	Statistical process control of cocrystallization processes: A comparison between OPLS and PLS. <i>International Journal of Pharmaceutics</i> , 2017, 520, 29-38.	2.6	22
20	Merging vibrational spectroscopic data for wine classification according to the geographic origin. <i>Food Research International</i> , 2017, 102, 504-510.	2.9	48
21	A novel HPLC method for the determination of zonisamide in human plasma using microextraction by packed sorbent optimised by experimental design. <i>Analytical Methods</i> , 2017, 9, 5910-5919.	1.3	8
22	Multivariate statistical process control of a continuous pharmaceutical twin-screw granulation and fluid bed drying process. <i>International Journal of Pharmaceutics</i> , 2017, 528, 242-252.	2.6	28
23	Near infrared spectroscopy to monitor drug release in-situ during dissolution tests. <i>International Journal of Pharmaceutics</i> , 2016, 513, 1-7.	2.6	7
24	Real-time monitoring of cocrystallization processes by solvent evaporation: A near infrared study. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 90, 76-84.	1.9	18
25	Batch Statistical Process Monitoring Approach to a Cocrystallization Process. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 4099-4108.	1.6	21
26	Use of Near-Infrared Spectroscopy for Coffee Beans Quality Assessment. , 2015, , 933-942.		3
27	Online monitoring of P(3HB) produced from used cooking oil with near-infrared spectroscopy. <i>Journal of Biotechnology</i> , 2015, 194, 1-9.	1.9	43
28	A UV spectrophotometric method for the determination of folic acid in pharmaceutical tablets and dissolution tests. <i>Analytical Methods</i> , 2014, 6, 3065.	1.3	75
29	A PAT approach for the on-line monitoring of pharmaceutical co-crystals formation with near infrared spectroscopy. <i>International Journal of Pharmaceutics</i> , 2014, 471, 478-484.	2.6	39
30	Authenticity Control of Roasted Coffee Brands Using Near-Infrared Spectroscopy. <i>Food Analytical Methods</i> , 2013, 6, 892-899.	1.3	4
31	Evaluation of green coffee beans quality using near infrared spectroscopy: A quantitative approach. <i>Food Chemistry</i> , 2012, 135, 1828-1835.	4.2	66
32	Bioreactor monitoring with spectroscopy and chemometrics: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1211-1237.	1.9	204
33	Comparison of different chemometric and analytical methods for the prediction of particle size distribution in pharmaceutical powders. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 2137-2147.	1.9	18
34	A near-infrared spectroscopy method to determine aminoglycosides in pharmaceutical formulations. <i>Vibrational Spectroscopy</i> , 2011, 56, 184-192.	1.2	11
35	Determination of flow properties of pharmaceutical powders by near infrared spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 52, 484-492.	1.4	58
36	Thermal analysis and crystallization from melts. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 100, 423-429.	2.0	5

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37	A batch modelling approach to monitor a freeze-drying process using in-line Raman spectroscopy. <i>Talanta</i> , 2010, 83, 130-138.	2.9	16
38	Quantitative monitoring of an activated sludge reactor using on-line UV-visible and near-infrared spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 1159-1166.	1.9	56
39	Quality control of pharmaceuticals with NIR: From lab to process line. <i>Vibrational Spectroscopy</i> , 2009, 49, 204-210.	1.2	76
40	The use of net analyte signal (NAS) in near infrared spectroscopy pharmaceutical applications: Interpretability and figures of merit. <i>Analytica Chimica Acta</i> , 2009, 642, 179-185.	2.6	37
41	Enthalpy of vaporisation of butanediol isomers. <i>Journal of Chemical Thermodynamics</i> , 2003, 35, 123-129.	1.0	20
42	Study of Polymorphism From DSC Melting Curves; Polymorphs of Terfenadine. <i>Magyar Árvizsgáló és Vizsgáló Lapok</i> , 2002, 68, 397-412.	1.4	27