

# Mafalda Cruz Sarragua

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40  
papers

868  
citations

16  
h-index

29  
g-index

42  
ext. papers

1,012  
ext. citations

4.8  
avg, IF

4.24  
L-index

#	Paper	IF	Citations
40	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> , <b>2022</b> , 615, 121500	6.5	1
39	Beef Consumers Behaviour and PreferencesThe Case of Portugal. <i>Sustainability</i> , <b>2022</b> , 14, 2358	3.6	0
38	Determination of co-crystal phase purity by mid infrared spectroscopy and multiple curve resolution. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 595, 120246	6.5	1
37	Considerations on high-throughput cocrystals screening by ultrasound assisted cocrystallization and vibrational spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 229, 117876	4.4	5
36	How can oral paediatric formulations be improved? A challenge for the XXI century. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 590, 119905	6.5	7
35	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> , <b>2020</b> , 159, S42	7.8	
34	A new salt of clofazimine to improve leprosy treatment. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1214, 128226	3.4	4
33	Optimization of Experimental Settings for the Assessment of Reactive Oxygen Species Production by Human Blood. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2019</b> , 2019, 7198484	6.7	1
32	In-Depth Evaluation of Data Collected During a Continuous Pharmaceutical Manufacturing Process: A Multivariate Statistical Process Monitoring Approach. <i>Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 108, 439-450	3.9	11
31	Synthesis of a Glibenclamide Cocrystal: Full Spectroscopic and Thermal Characterization. <i>Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 107, 1597-1604	3.9	9
30	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> , <b>2018</b> , 128, 36-47	5.7	13
29	Data Processing in Multivariate Analysis of Pharmaceutical Processes <b>2018</b> , 35-51		1
28	Pharmaceutical cocrystallization techniques. Advances and challenges. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 547, 404-420	6.5	56
27	Organic Compounds <b>2018</b> , 236-236		1
26	Vibrational Spectroscopy for Cocrystals Screening. A Comparative Study. <i>Molecules</i> , <b>2018</b> , 23,	4.8	9
25	Physicochemical fingerprinting of thermal waters of Beira Interior region of Portugal. <i>Environmental Geochemistry and Health</i> , <b>2017</b> , 39, 483-496	4.7	8
24	Statistical process control of cocrystallization processes: A comparison between OPLS and PLS. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 520, 29-38	6.5	16

23	Merging vibrational spectroscopic data for wine classification according to the geographic origin. <i>Food Research International</i> , <b>2017</b> , 102, 504-510	7	33
22	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> , <b>2017</b> , 9, 5910-5919	3.2	6
21	Multivariate statistical process control of a continuous pharmaceutical twin-screw granulation and fluid bed drying process. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 528, 242-252	6.5	24
20	Real-time monitoring of cocrystallization processes by solvent evaporation: A near infrared study. <i>European Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 90, 76-84	5.1	14
19	Near infrared spectroscopy to monitor drug release in-situ during dissolution tests. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 513, 1-7	6.5	7
18	Online monitoring of P(3HB) produced from used cooking oil with near-infrared spectroscopy. <i>Journal of Biotechnology</i> , <b>2015</b> , 194, 1-9	3.7	32
17	Batch Statistical Process Monitoring Approach to a Cocrystallization Process. <i>Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 104, 4099-4108	3.9	18
16	Use of Near-Infrared Spectroscopy for Coffee Beans Quality Assessment <b>2015</b> , 933-942		1
15	A UV spectrophotometric method for the determination of folic acid in pharmaceutical tablets and dissolution tests. <i>Analytical Methods</i> , <b>2014</b> , 6, 3065	3.2	63
14	A PAT approach for the on-line monitoring of pharmaceutical co-crystals formation with near infrared spectroscopy. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 471, 478-84	6.5	33
13	Authenticity Control of Roasted Coffee Brands Using Near-Infrared Spectroscopy. <i>Food Analytical Methods</i> , <b>2013</b> , 6, 892-899	3.4	4
12	Evaluation of green coffee beans quality using near infrared spectroscopy: a quantitative approach. <i>Food Chemistry</i> , <b>2012</b> , 135, 1828-35	8.5	53
11	Bioreactor monitoring with spectroscopy and chemometrics: a review. <i>Analytical and Bioanalytical Chemistry</i> , <b>2012</b> , 404, 1211-37	4.4	173
10	Comparison of different chemometric and analytical methods for the prediction of particle size distribution in pharmaceutical powders. <i>Analytical and Bioanalytical Chemistry</i> , <b>2011</b> , 399, 2137-47	4.4	14
9	A near-infrared spectroscopy method to determine aminoglycosides in pharmaceutical formulations. <i>Vibrational Spectroscopy</i> , <b>2011</b> , 56, 184-192	2.1	11
8	A batch modelling approach to monitor a freeze-drying process using in-line Raman spectroscopy. <i>Talanta</i> , <b>2010</b> , 83, 130-8	6.2	10
7	Determination of flow properties of pharmaceutical powders by near infrared spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2010</b> , 52, 484-92	3.5	40
6	Thermal analysis and crystallization from melts. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2010</b> , 100, 423-429	4.1	4

5	Quantitative monitoring of an activated sludge reactor using on-line UV-visible and near-infrared spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , <b>2009</b> , 395, 1159-66	4.4	46
4	Quality control of pharmaceuticals with NIR: From lab to process line. <i>Vibrational Spectroscopy</i> , <b>2009</b> , 49, 204-210	2.1	65
3	The use of net analyte signal (NAS) in near infrared spectroscopy pharmaceutical applications: interpretability and figures of merit. <i>Analytica Chimica Acta</i> , <b>2009</b> , 642, 179-85	6.6	32
2	Enthalpy of vaporisation of butanediol isomers. <i>Journal of Chemical Thermodynamics</i> , <b>2003</b> , 35, 123-129	2.9	20
1	Study of Polymorphism From DSC Melting Curves; Polymorphs of Terfenadine. <i>Magyar Applied Kémia</i> , <b>2002</b> , 68, 397-412	0	21