

# Adil Mohammad

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

306  
citations

933447

10  
h-index

888059

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

389  
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk Considerations on Developing a Continuous Crystallization System for Carbamazepine. <i>Organic Process Research and Development</i> , 2017, 21, 1021-1033.	2.7	45
2	Chemometric Model Development and Comparison of Raman and <sup>13</sup> C Solid-State Nuclear Magnetic Resonance—Chemometric Methods for Quantification of Crystalline/Amorphous Warfarin Sodium Fraction in the Formulations. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 2550-2558.	3.3	33
3	Raman Spectroscopy for Monitoring the Continuous Crystallization of Carbamazepine. <i>Organic Process Research and Development</i> , 2018, 22, 156-165.	2.7	31
4	Understanding effect of formulation and manufacturing variables on the critical quality attributes of warfarin sodium product. <i>International Journal of Pharmaceutics</i> , 2015, 495, 19-30.	5.2	21
5	Evaluation of focused beam reflectance measurement (FBRM) for monitoring and predicting the crystal size of carbamazepine in crystallization processes. <i>CrystEngComm</i> , 2021, 23, 972-985.	2.6	17
6	Comparative Evaluation of U.S. Brand and Generic Intravenous Sodium Ferric Gluconate Complex in Sucrose Injection: Biodistribution after Intravenous Dosing in Rats. <i>Nanomaterials</i> , 2018, 8, 10.	4.1	16
7	An ICP-MS platform for metal content assessment of cell culture media and evaluation of spikes in metal concentration on the quality of an IgG3:Î² monoclonal antibody during production. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 162, 91-100.	2.8	15
8	Impact of formulation and process variables on solid-state stability of theophylline in controlled release formulations. <i>International Journal of Pharmaceutics</i> , 2016, 499, 20-28.	5.2	13
9	Long-term stability study of Prussian blue — A quality assessment of water content and thallium binding. <i>International Journal of Pharmaceutics</i> , 2014, 477, 122-127.	5.2	12
10	A long-term stability study of Prussian blue: A quality assessment of water content and cesium binding. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 103, 85-90.	2.8	10
11	Development and validation of a stability-indicating ultra-performance liquid chromatography (UPLC) method for doxycycline hyclate: an optimization of the analytical methodology for a medical countermeasure (MCM) <i>Drug. Analytical Methods</i> , 2018, 10, 1842-1851.	2.7	10
12	Quality attributes and evaluation of pharmaceutical glass containers for parenterals. <i>International Journal of Pharmaceutics</i> , 2019, 568, 118510.	5.2	10
13	Quantitative evaluation of the thallium binding of soluble and insoluble Prussian blue hexacyanoferrate analogs: A scientific comparison based on their critical quality attributes. <i>International Journal of Pharmaceutics</i> , 2019, 569, 118600.	5.2	10
14	Factors affecting the particle size distribution and rheology of brinzolamide ophthalmic suspensions. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119495.	5.2	10
15	Leachable diphenylguanidine from rubber closures used in pre-filled syringes: A case study to understand solid and solution interactions with oxytocin. <i>International Journal of Pharmaceutics</i> , 2017, 532, 491-501.	5.2	9
16	Zinc supplementation improves the harvest purity of Î²-glucuronidase from CHO cell culture by suppressing apoptosis. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 1097-1108.	3.6	9
17	Determination of Non-Transferrin Bound Iron, Transferrin Bound Iron, Drug Bound Iron and Total Iron in Serum in a Rats after IV Administration of Sodium Ferric Gluconate Complex by Simple Ultrafiltration Inductively Coupled Plasma Mass Spectrometric Detection. <i>Nanomaterials</i> , 2018, 8, 101.	4.1	8
18	In vitro physicochemical characterization and dissolution of brinzolamide ophthalmic suspensions with similar composition. <i>International Journal of Pharmaceutics</i> , 2020, 588, 119761.	5.2	7

#	ARTICLE	IF	CITATIONS
19	Comparison of Univariate and Multivariate Models of <sup>13</sup> C SSNMR and XRPD Techniques for Quantification of Nimodipine Polymorphs. AAPS PharmSciTech, 2015, 16, 1368-1376.	3.3	6
20	Evaluation of the In Vitro Efficacy of Sevelamer Hydrochloride and Sevelamer Carbonate. Journal of Pharmaceutical Sciences, 2016, 105, 864-875.	3.3	6
21	Impacts on product quality attributes of monoclonal antibodies produced in CHO cell bioreactor cultures during intentional mycoplasma contamination events. Biotechnology and Bioengineering, 2020, 117, 2802-2815.	3.3	6
22	High- and Mid-Valent Tantalum and Mono(peralkylcyclopentadienyl)tantalum Complexes of the Bicyclic Guanidinate Hexahydropyrimidopyrimidinate. Organometallics, 2013, 32, 6232-6239.	2.3	2