

# Shubhajit Paul

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

880  
citations

361413

20  
h-index

454955

30  
g-index

31  
all docs

31  
docs citations

31  
times ranked

663  
citing authors

#	ARTICLE	IF	CITATIONS
1	The suitability of common compressibility equations for characterizing plasticity of diverse powders. <i>International Journal of Pharmaceutics</i> , 2017, 532, 124-130.	5.2	59
2	Relationships among Crystal Structures, Mechanical Properties, and Tableting Performance Probed Using Four Salts of Diphenhydramine. <i>Crystal Growth and Design</i> , 2017, 17, 6030-6040.	3.0	56
3	Powder properties and compaction parameters that influence punch sticking propensity of pharmaceuticals. <i>International Journal of Pharmaceutics</i> , 2017, 521, 374-383.	5.2	54
4	Mechanism and Kinetics of Punch Sticking of Pharmaceuticals. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 151-158.	3.3	54
5	Gaining insight into tablet capping tendency from compaction simulation. <i>International Journal of Pharmaceutics</i> , 2017, 524, 111-120.	5.2	51
6	Optimization in Solvent Selection for Chlorin e6 in Photodynamic Therapy. <i>Journal of Fluorescence</i> , 2013, 23, 283-291.	2.5	49
7	Systematic evaluation of common lubricants for optimal use in tablet formulation. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 117, 118-127.	4.0	47
8	Dependence of Friability on Tablet Mechanical Properties and a Predictive Approach for Binary Mixtures. <i>Pharmaceutical Research</i> , 2017, 34, 2901-2909.	3.5	45
9	Lubrication with magnesium stearate increases tablet brittleness. <i>Powder Technology</i> , 2017, 309, 126-132.	4.2	44
10	Comparative analyses of flow and compaction properties of diverse mannitol and lactose grades. <i>International Journal of Pharmaceutics</i> , 2018, 546, 39-49.	5.2	42
11	Tableting performance of various mannitol and lactose grades assessed by compaction simulation and chemometrical analysis. <i>International Journal of Pharmaceutics</i> , 2019, 566, 24-31.	5.2	35
12	Dependence of tablet brittleness on tensile strength and porosity. <i>International Journal of Pharmaceutics</i> , 2015, 493, 208-213.	5.2	32
13	The phenomenon of tablet flashing – Its impact on tableting data analysis and a method to eliminate it. <i>Powder Technology</i> , 2017, 305, 117-124.	4.2	32
14	Elucidation of Monomerization Effect of PVP on Chlorin e6 Aggregates by Spectroscopic, Chemometric, Thermodynamic and Molecular Simulation Studies. <i>Journal of Fluorescence</i> , 2013, 23, 1065-1076.	2.5	31
15	Dependence of Punch Sticking on Compaction Pressure – Roles of Particle Deformability and Tablet Tensile Strength. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 2060-2067.	3.3	29
16	Modulating Sticking Propensity of Pharmaceuticals Through Excipient Selection in a Direct Compression Tablet Formulation. <i>Pharmaceutical Research</i> , 2018, 35, 113.	3.5	26
17	Mitigating Punch Sticking Propensity of Celecoxib by Cocrystallization: An Integrated Computational and Experimental Approach. <i>Crystal Growth and Design</i> , 2020, 20, 4217-4223.	3.0	25
18	Reduced Punch Sticking Propensity of Acesulfame by Salt Formation: Role of Crystal Mechanical Property and Surface Chemistry. <i>Molecular Pharmaceutics</i> , 2019, 16, 2700-2707.	4.6	24

#	ARTICLE	IF	CITATIONS
19	pH-dependent complexation of hydroxypropyl-beta-cyclodextrin with chlorin e6: effect on solubility and aggregation in relation to photodynamic efficacy. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 439-449.	2.4	23
20	Reduction of Punch-Sticking Propensity of Celecoxib by Spherical Crystallization via Polymer Assisted Quasi-Emulsion Solvent Diffusion. <i>Molecular Pharmaceutics</i> , 2020, 17, 1387-1396.	4.6	21
21	An insight into predictive parameters of tablet capping by machine learning and multivariate tools. <i>International Journal of Pharmaceutics</i> , 2021, 599, 120439.	5.2	20
22	Enabling the Tablet Product Development of 5-Fluorocytosine by Conjugate Acid Base Cocrystals. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 1960-1966.	3.3	16
23	The role of the screw profile on granular structure and mixing efficiency of a high-dose hydrophobic drug formulation during twin screw wet granulation. <i>International Journal of Pharmaceutics</i> , 2020, 575, 118958.	5.2	16
24	Toward a Molecular Understanding of the Impact of Crystal Size and Shape on Punch Sticking. <i>Molecular Pharmaceutics</i> , 2020, 17, 1148-1158.	4.6	15
25	Tabletability Flip – Role of Bonding Area and Bonding Strength Interplay. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 3569-3573.	3.3	13
26	A material-saving and robust approach for obtaining accurate out-of-die powder compressibility. <i>Powder Technology</i> , 2020, 361, 903-909.	4.2	5
27	A semi-empirical model for estimation of flaw size in internally defective tablets. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 2340-2345.	3.3	5
28	The impact of solid-state form, water content and surface area of magnesium stearate on lubrication efficiency, tabletability, and dissolution. <i>Pharmaceutical Development and Technology</i> , 2021, 26, 150-156.	2.4	4
29	Elucidating chlorin e6–sucrose ester interaction using coarse-grain modeling and fluorescence spectroscopic technique. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 451, 125-135.	4.7	3
30	Improvement in dissolution rate and photodynamic efficacy of chlorin e6 by sucrose esters as drug carrier in nanosuspension formulation: optimisation and in vitro characterisation. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 1152-1163.	2.4	3
31	An insight into inter-relationships among tensile strength, elastic modulus and plasticity on tabletability of single components and binary mixtures. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 2570-2574.	3.3	1