

Amrit Paudel

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3988067/amrit-paudel-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

74
papers

1,746
citations

19
h-index

40
g-index

80
ext. papers

2,085
ext. citations

5.5
avg, IF

5.15
L-index

#	Paper	IF	Citations
74	Manufacturing of solid dispersions of poorly water soluble drugs by spray drying: formulation and process considerations. <i>International Journal of Pharmaceutics</i> , 2013 , 453, 253-84	6.5	386
73	Raman spectroscopy in pharmaceutical product design. <i>Advanced Drug Delivery Reviews</i> , 2015 , 89, 3-20	18.5	165
72	Theoretical and experimental investigation on the solid solubility and miscibility of naproxen in poly(vinylpyrrolidone). <i>Molecular Pharmaceutics</i> , 2010 , 7, 1133-48	5.6	120
71	Influence of preparation methods on solid state supersaturation of amorphous solid dispersions: a case study with itraconazole and eudragit e100. <i>Pharmaceutical Research</i> , 2010 , 27, 775-85	4.5	104
70	Structural and dynamic properties of amorphous solid dispersions: the role of solid-state nuclear magnetic resonance spectroscopy and relaxometry. <i>Journal of Pharmaceutical Sciences</i> , 2014 , 103, 2635-2662	3.9	92
69	Influence of solvent composition on the miscibility and physical stability of naproxen/PVP K 25 solid dispersions prepared by cosolvent spray-drying. <i>Pharmaceutical Research</i> , 2012 , 29, 251-70	4.5	80
68	A Review of PAT Strategies in Secondary Solid Oral Dosage Manufacturing of Small Molecules. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 667-712	3.9	52
67	Can compression induce demixing in amorphous solid dispersions? A case study of naproxen-PVP K25. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 81, 207-13	5.7	51
66	Orodispersible films: Towards drug delivery in special populations. <i>International Journal of Pharmaceutics</i> , 2017 , 523, 327-335	6.5	50
65	Advances in experimental and mechanistic computational models to understand pulmonary exposure to inhaled drugs. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 113, 41-52	5.1	46
64	Printing medicines as orodispersible dosage forms: Effect of substrate on the printed micro-structure. <i>International Journal of Pharmaceutics</i> , 2016 , 509, 518-527	6.5	43
63	Effect of compression on non-isothermal crystallization behaviour of amorphous indomethacin. <i>Pharmaceutical Research</i> , 2012 , 29, 2489-98	4.5	40
62	Characterization of degradation products of amorphous and polymorphic forms of clopidogrel bisulphate under solid state stress conditions. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 52, 332-44	3.5	34
61	Relating hydrogen-bonding interactions with the phase behavior of naproxen/PVP K 25 solid dispersions: evaluation of solution-cast and quench-cooled films. <i>Molecular Pharmaceutics</i> , 2012 , 9, 3301-17	5.6	33
60	An investigation into the effect of spray drying temperature and atomizing conditions on miscibility, physical stability, and performance of naproxen-PVP K 25 solid dispersions. <i>Journal of Pharmaceutical Sciences</i> , 2013 , 102, 1249-67	3.9	32
59	Carrier-based dry powder inhalation: Impact of carrier modification on capsule filling processability and in vitro aerodynamic performance. <i>International Journal of Pharmaceutics</i> , 2015 , 491, 231-42	6.5	30
58	Searching for physiologically relevant in vitro dissolution techniques for orally inhaled drugs. <i>International Journal of Pharmaceutics</i> , 2019 , 556, 45-56	6.5	24

57	Key acceptability attributes of orodispersible films. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 125, 131-140	5.7	23
56	Performance indicators for carrier-based DPs: Carrier surface properties for capsule filling and API properties for in vitro aerosolisation. <i>International Journal of Pharmaceutics</i> , 2018 , 536, 326-335	6.5	20
55	The effect of material attributes and process parameters on the powder bed uniformity during a low-dose dosator capsule filling process. <i>International Journal of Pharmaceutics</i> , 2017 , 516, 9-20	6.5	14
54	Formulation performance and processability window for manufacturing a dual-polymer amorphous solid dispersion via hot-melt extrusion and strand pelletization. <i>International Journal of Pharmaceutics</i> , 2018 , 553, 408-421	6.5	14
53	Relative Contributions of Solubility and Mobility to the Stability of Amorphous Solid Dispersions of Poorly Soluble Drugs: A Molecular Dynamics Simulation Study. <i>Pharmaceutics</i> , 2018 , 10,	6.4	14
52	Lyophilized protein powders: A review of analytical tools for root cause analysis of lot-to-lot variability. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 82, 468-491	14.6	13
51	How does secondary processing affect the physicochemical properties of inhalable salbutamol sulphate particles? A temporal investigation. <i>International Journal of Pharmaceutics</i> , 2017 , 528, 416-428	6.5	12
50	Formulation and processability screening for the rational design of ethylene-vinyl acetate based intra-vaginal rings. <i>International Journal of Pharmaceutics</i> , 2019 , 564, 90-97	6.5	12
49	Multi-methodological investigation of the variability of the microstructure of HPMC hard capsules. <i>International Journal of Pharmaceutics</i> , 2016 , 511, 840-54	6.5	12
48	Establishment of a Molding Procedure to Facilitate Formulation Development for Co-extrudates. <i>AAPS PharmSciTech</i> , 2017 , 18, 2971-2976	3.9	11
47	Tribo-Charging Behaviour of Inhalable Mannitol Blends with Salbutamol Sulphate. <i>Pharmaceutical Research</i> , 2019 , 36, 80	4.5	11
46	Developing HME-Based Drug Products Using Emerging Science: a Fast-Track Roadmap from Concept to Clinical Batch. <i>AAPS PharmSciTech</i> , 2020 , 21, 176	3.9	11
45	Drug-Excipient Interactions in the Solid State: The Role of Different Stress Factors. <i>Molecular Pharmaceutics</i> , 2017 , 14, 4560-4571	5.6	10
44	Controlled-Release from High-Loaded Reservoir-Type Systems-A Case Study of Ethylene-Vinyl Acetate and Progesterone. <i>Pharmaceutics</i> , 2020 , 12,	6.4	10
43	Improving the granule strength of roller-compacted ibuprofen sodium for hot-melt coating processing. <i>International Journal of Pharmaceutics</i> , 2016 , 510, 285-95	6.5	10
42	Progress in spray-drying of protein pharmaceuticals: Literature analysis of trends in formulation and process attributes. <i>Drying Technology</i> , 2021 , 39, 1415-1446	2.6	10
41	PVP-HO Complex as a New Stressor for the Accelerated Oxidation Study of Pharmaceutical Solids. <i>Pharmaceutics</i> , 2019 , 11,	6.4	9
40	Use of PBPK Modeling To Evaluate the Performance of Dissolv It, a Biorelevant Dissolution Assay for Orally Inhaled Drug Products. <i>Molecular Pharmaceutics</i> , 2019 , 16, 1245-1254	5.6	9

39	Assessment of Dry Powder Inhaler Carrier Targeted Design: A Comparative Case Study of Diverse Anomeric Compositions and Physical Properties of Lactose. <i>Molecular Pharmaceutics</i> , 2018 , 15, 2827-2839	5.6	9
38	Polyelectrolyte-surfactant-complex nanoparticles as a delivery platform for poorly soluble drugs: A case study of ibuprofen loaded cetylpyridinium-alginate system. <i>International Journal of Pharmaceutics</i> , 2020 , 580, 119199	6.5	7
37	Study of a low-dose capsule filling process by dynamic and static tests for advanced process understanding. <i>International Journal of Pharmaceutics</i> , 2018 , 540, 22-30	6.5	7
36	Density fluctuations in amorphous pharmaceutical solids. Can SAXS help to predict stability?. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 168, 76-82	6	7
35	Pharmaceutical-grade oral films as substrates for printed medicine. <i>International Journal of Pharmaceutics</i> , 2018 , 547, 169-180	6.5	7
34	Evolution of the microstructure and the drug release upon annealing the drug loaded lipid-surfactant microspheres. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 147, 105278	5.1	6
33	Structural Characterization of Amorphous Solid Dispersions. <i>Advances in Delivery Science and Technology</i> , 2014 , 421-485		6
32	Impact of simulated lung fluid components on the solubility of inhaled drugs and predicted in vivo performance. <i>International Journal of Pharmaceutics</i> , 2021 , 606, 120893	6.5	6
31	Insights into DPI sensitivity to humidity: An integrated in-vitro-in-silico risk-assessment. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 52, 803-817	4.5	5
30	Feeding of particle-based materials in continuous solid dosage manufacturing: a material science perspective. <i>Drug Discovery Today</i> , 2020 , 25, 800-806	8.8	5
29	Continuous low-dose feeding of highly active pharmaceutical ingredients in hot-melt extrusion. <i>Drug Development and Industrial Pharmacy</i> , 2016 , 42, 1360-4	3.6	5
28	Review of sensing technologies for measuring powder density variations during pharmaceutical solid dosage form manufacturing. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 135, 116147	14.6	5
27	Spherical agglomerates of lactose as potential carriers for inhalation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021 , 159, 11-20	5.7	5
26	Solid-State Reactivity of Mechano-Activated Simvastatin: Atypical Relation to Powder Crystallinity. <i>Journal of Pharmaceutical Sciences</i> , 2019 , 108, 3272-3280	3.9	4
25	Insights into the processability and performance of adhesive blends of inhalable jet-milled and spray dried salbutamol sulphate at different drug loads. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 48, 466-477	4.5	4
24	Can we predict trends in tribo-charging of pharmaceutical materials from first principles?. <i>Powder Technology</i> , 2019 , 356, 892-898	5.2	3
23	Understanding Concomitant Physical and Chemical Transformations of Simvastatin During Dry Ball Milling. <i>AAPS PharmSciTech</i> , 2020 , 21, 152	3.9	3
22	Novel Cleaning-in-Place Strategies for Pharmaceutical Hot Melt Extrusion. <i>Pharmaceutics</i> , 2020 , 12,	6.4	3

21	Investigation into powder tribo-charging of pharmaceuticals. Part I: Process-induced charge via twin-screw feeding. <i>International Journal of Pharmaceutics</i> , 2020 , 591, 120014	6.5	3
20	Quantitative Chemical Profiling of Commercial Glyceride Excipients via H NMR Spectroscopy. <i>AAPS PharmSciTech</i> , 2020 , 22, 11	3.9	3
19	Towards predicting the product quality in hot-melt extrusion: Small scale extrusion. <i>International Journal of Pharmaceutics: X</i> , 2020 , 2, 100062	3.2	2
18	Evaluation of the Physico-mechanical Properties and Electrostatic Charging Behavior of Different Capsule Types for Inhalation Under Distinct Environmental Conditions. <i>AAPS PharmSciTech</i> , 2020 , 21, 128	3.9	2
17	Analytical and Computational Methods for the Determination of Drug-Polymer Solubility and Miscibility. <i>Molecular Pharmaceutics</i> , 2021 , 18, 2835-2866	5.6	2
16	Feasibility of rapidly assessing reactive impurities mediated excipient incompatibility using a new method: A case study of famotidine-PEG system. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 178, 112893	3.5	2
15	Interplay of Aging and Lot-to-Lot Variability on the Physical and Chemical Properties of Excipients: A Case Study of Mono- and Diglycerides. <i>Molecular Pharmaceutics</i> , 2021 , 18, 862-877	5.6	2
14	Novel polyester-based thermoplastic elastomers for 3D-printed long-acting drug delivery applications. <i>Journal of Controlled Release</i> , 2021 , 335, 290-305	11.7	2
13	Towards an Understanding of the Adsorption of Vaporized Hydrogen Peroxide (VHP) Residues on Glass Vials After a VHP Decontamination Process Using a Miniaturized Tool. <i>Journal of Pharmaceutical Sciences</i> , 2020 , 109, 2454-2463	3.9	1
12	Polyethylene oxide matrix tablet swelling evolution: The impact of molecular mass and tablet composition. <i>Acta Pharmaceutica</i> , 2021 , 71, 215-243	3.2	1
11	The Influence of Relative Humidity and Storage Conditions on the Physico-chemical Properties of Inhalation Grade Fine Lactose. <i>AAPS PharmSciTech</i> , 2021 , 23, 1	3.9	1
10	Topologically directed confocal Raman imaging (TD-CRI): Advanced Raman imaging towards compositional and micromeritic profiling of a commercial tablet components.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022 , 210, 114581	3.5	1
9	Spray-Congeealing and Wet-Sieving as Alternative Processes for Engineering of Inhalation Carrier Particles: Comparison of Surface Properties, Blending and In Vitro Performance. <i>Pharmaceutical Research</i> , 2021 , 38, 1107-1123	4.5	1
8	Understanding Carrier Performance in Low-Dose Dry Powder Inhalation: An In Vitro In Silico Approach. <i>Pharmaceutics</i> , 2021 , 13,	6.4	1
7	Towards predicting the product quality in hot-melt extrusion: Pilot plant scale extrusion. <i>International Journal of Pharmaceutics: X</i> , 2021 , 3, 100084	3.2	1
6	Assessment of Diverse Solid State Accelerated Autoxidation Methods for Droperidol. <i>Pharmaceutics</i> , 2022 , 14, 1114	6.4	1
5	Focusing on powder processing in dry powder inhalation product development, manufacturing and performance.. <i>International Journal of Pharmaceutics</i> , 2022 , 614, 121445	6.5	0
4	High-Molecular-Weight Hypromellose from Three Different Suppliers: Effects of Compression Speed, Tableting Equipment, and Moisture on the Compaction. <i>AAPS PharmSciTech</i> , 2020 , 21, 203	3.9	0

3	Investigation into powder tribo-charging of pharmaceuticals. Part II: Sensitivity to relative humidity. <i>International Journal of Pharmaceutics</i> , 2020 , 591, 120015	6.5	o
2	Near-Infrared Hyperspectral Imaging as a Monitoring Tool for On-Demand Manufacturing of Inkjet-Printed Formulations. <i>AAPS PharmSciTech</i> , 2021 , 22, 211	3.9	o
1	Quantitative chemical profiling of cellulose acetate excipient via C NMR spectroscopy in controlled release formulations.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022 , 217, 114791	3.5	