

# Suryakanta Swain

## List of Publications by Year in descending order

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45  
papers

1,415  
citations

471509

17  
h-index

345221

36  
g-index

46  
all docs

46  
docs citations

46  
times ranked

2014  
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview of experimental designs in HPLC method development and validation. Journal of Pharmaceutical and Biomedical Analysis, 2018, 147, 590-611.	2.8	240
2	Development, Optimization, and Characterization of Solid Self-Nanoemulsifying Drug Delivery Systems of Valsartan Using Porous Carriers. AAPS PharmSciTech, 2012, 13, 1416-1427.	3.3	148
3	Pharmaceutical significance of Eudragit: A review. Future Journal of Pharmaceutical Sciences, 2017, 3, 33-45.	2.8	140
4	Nanoparticles for Cancer Targeting: Current and Future Directions. Current Drug Delivery, 2016, 13, 1290-1302.	1.6	134
5	Development of solid self-nanoemulsifying granules (SSNEGs) of ondansetron hydrochloride with enhanced bioavailability potential. Colloids and Surfaces B: Biointerfaces, 2013, 101, 414-423.	5.0	100
6	Systematic review of herbals as potential anti-inflammatory agents: Recent advances, current clinical status and future perspectives. Pharmacognosy Reviews, 2011, 5, 120.	1.2	99
7	Bioavailability Enhancement Strategies: Basics, Formulation Approaches and Regulatory Considerations. Current Drug Delivery, 2011, 8, 691-702.	1.6	57
8	DEVELOPMENT AND VALIDATION OF RP-HPLC METHOD FOR QUANTITATION OF AMOXICILLIN TRIHYDRATE IN BULK AND PHARMACEUTICAL FORMULATIONS USING BOX-BEHNKEN EXPERIMENTAL DESIGN. Journal of Liquid Chromatography and Related Technologies, 2012, 35, 393-406.	1.0	48
9	Quality by design prospects of pharmaceuticals application of double emulsion method for PLGA loaded nanoparticles. SN Applied Sciences, 2021, 3, 1.	2.9	37
10	Advanced Techniques for Penetration Enhancement in Transdermal Drug Delivery System. Current Drug Delivery, 2011, 8, 456-473.	1.6	32
11	Improvement in the dissolution rate and tableting properties of cefuroxime axetil by melt-granulated dispersion and surface adsorption. Acta Pharmaceutica Sinica B, 2013, 3, 113-122.	12.0	31
12	Emergence in the functionalized carbon nanotubes as smart nanocarriers for drug delivery applications. , 2018, , 105-133.		24
13	Design and characterization of enteric-coated controlled release mucoadhesive microcapsules of Rabepazole sodium. Drug Development and Industrial Pharmacy, 2013, 39, 548-560.	2.0	23
14	Transdermal Evaporation Drug Delivery System: Concept to Commercial Products. Advanced Pharmaceutical Bulletin, 2018, 8, 535-550.	1.4	23
15	Design and characterization of aceclofenac and paracetamol spherical crystals and their tableting properties. Powder Technology, 2015, 274, 446-454.	4.2	22
16	Mucoadhesive Multiparticulate Drug Delivery Systems: An Extensive Review of Patents. Advanced Pharmaceutical Bulletin, 2019, 9, 521-538.	1.4	20
17	Quality by Design: Concept to Applications. Current Drug Discovery Technologies, 2019, 16, 240-250.	1.2	20
18	Modified Alginate Beads for Mucoadhesive Drug Delivery System: An Updated Review of Patents. Recent Patents on Drug Delivery and Formulation, 2012, 6, 259-277.	2.1	19

#	ARTICLE	IF	CITATIONS
19	Improvement in Dissolution Rate of Cefuroxime Axetil by using Poloxamer 188 and Neusilin US2. Indian Journal of Pharmaceutical Sciences, 2013, 75, 67.	1.0	19
20	Antimicrobial activity assessment of time-dependent release bilayer tablets of amoxicillin trihydrate. Brazilian Journal of Pharmaceutical Sciences, 2012, 48, 265-272.	1.2	18
21	Nucleic acid-loaded lipid-polymer nanohybrids as novel nanotherapeutics in anticancer therapy. Expert Opinion on Drug Delivery, 2020, 17, 805-816.	5.0	18
22	Emergence of Functionalized Nanomedicines in Cancer Chemotherapy: Recent Advancements, Current Challenges and Toxicity Considerations. Recent Patents on Nanomedicine, 2014, 3, 128-139.	0.5	16
23	Design and characterization of cefuroxime axetil biphasic floating minitables. Drug Delivery, 2015, 22, 125-135.	5.7	14
24	Quality-by-Design based development and characterization of pioglitazone loaded liquisolid compact tablets with improved biopharmaceutical attributes. Journal of Drug Delivery Science and Technology, 2019, 51, 345-355.	3.0	13
25	Stabilization and Delivery Approaches for Protein and Peptide Pharmaceuticals: An Extensive Review of Patents. Recent Patents on Biotechnology, 2013, 7, 28-46.	0.8	11
26	QbD-based design and characterization of mucoadhesive microspheres of quetiapine fumarate with improved oral bioavailability and brain biodistribution potential. Bulletin of Faculty of Pharmacy, Cairo University, 2018, 56, 129-145.	0.3	10
27	Design, Development and Evaluation of Chronomodulated Drug Delivery Systems of Amoxicillin Trihydrate with Enhanced Antimicrobial Activity. Current Drug Delivery, 2013, 10, 174-187.	1.6	10
28	Osmotic Drug Delivery Systems: Basics and Design Approaches. Recent Patents on Drug Delivery and Formulation, 2013, 7, 150-161.	2.1	10
29	Applications of QbD-based Software™s in Analytical Research and Development. Current Pharmaceutical Analysis, 2021, 17, 461-473.	0.6	7
30	AQbD Driven Development of an RP-HPLC Method for the Quantitation of Abiraterone Acetate for its Pharmaceutical Formulations in the Presence of Degradants. Turkish Journal of Pharmaceutical Sciences, 2021, 18, 718-729.	1.4	7
31	QbD-based Formulation Optimization and Characterization of Polymeric Nanoparticles of Cinacalcet Hydrochloride with Improved Biopharmaceutical Attributes. Turkish Journal of Pharmaceutical Sciences, 2021, 18, 452-464.	1.4	7
32	Nanoemulsion for the Effective Treatment and Management of Anti-tubercular Drug Therapy. Recent Patents on Anti-infective Drug Discovery, 2018, 12, 85-94.	0.8	7
33	Liposomes as a Novel Carrier for Lipid Based Drug Delivery: Current and Future Directions. Recent Patents on Drug Delivery and Formulation, 2016, 10, 59-71.	2.1	6
34	Application of Quality by Design Paradigms for Development of Solid Dosage Forms. , 2019, , 109-130.		6
35	Formulation Development, Statistical Optimization and Characterization of the Self-Microemulsifying Drug Delivery System (SMEDDS) of Irbesartan. Nanoscience and Nanotechnology - Asia, 2019, 9, 210-228.	0.7	4
36	Design and Characterization of Sustained Release Mucoadhesive Microspheres of Tolterodine Tartrate. Current Drug Delivery, 2013, 10, 413-426.	1.6	4

#	ARTICLE	IF	CITATIONS
37	RP-HPLC Method for Determination of Metaxalone Using Box- Behnken Experimental Design.. Journal of Applied Biopharmaceutics and Pharmacokinetics, 2015, 2, 40-49.	0.1	3
38	Novel Nanocolloidal Carriers for Noninvasive Vaccine Delivery. Current Drug Therapy, 2015, 9, 159-165.	0.3	3
39	Formulation Design, Optimization and Characterization of Eprosartan Mesylate Nanoparticles. Nanoscience and Nanotechnology - Asia, 2018, 8, .	0.7	2
40	Acyclovir Loaded Solid Lipid Nanoparticulate Gel for Ocular Delivery: Optimization by using Factorial Design. Indian Journal of Pharmaceutical Education and Research, 2021, 55, s122-s134.	0.6	1
41	Analytical quality by design based systematic development and optimization of a sensitive bioanalytical method for estimation cinacalcet HCl in rabbit serum. Journal of Pharmacy and Bioallied Sciences, 2021, 13, 360.	0.6	1
42	Introduction to the Application of Experimental Designs in Pharmaceutical Product Development. , 2021, , 1-17.		0
43	Design of Experiments for the Development of Biotechnology Products. , 2021, , 171-188.		0
44	Recent developments in cancer therapy: A brief journey during the last 12 years. Indian Journal of Pharmacy and Pharmacology, 2022, 9, 1-2.	0.2	0
45	An Editorial Note on: Modern Era of Nanobiosensors for Diagnosis and Combating Cancer. Nanoscience and Nanotechnology - Asia, 2022, 12, .	0.7	0