

Sumant Saini

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

708
citations

759233

12
h-index

610901

24
g-index

28
all docs

28
docs citations

28
times ranked

1000
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoporous metal organic frameworks as hybrid polymer-metal composites for drug delivery and biomedical applications. <i>Drug Discovery Today</i> , 2017, 22, 625-637.	6.4	212
2	Anti-Alzheimer's potential of berberine using surface decorated multi-walled carbon nanotubes: A preclinical evidence. <i>International Journal of Pharmaceutics</i> , 2017, 530, 263-278.	5.2	81
3	Solid self-nanoemulsifying systems of olmesartan medoxomil: Formulation development, micromeritic characterization, in vitro and in vivo evaluation. <i>Powder Technology</i> , 2016, 294, 93-104.	4.2	49
4	QbD-driven development and evaluation of nanostructured lipid carriers (NLCs) of Olmesartan medoxomil employing multivariate statistical techniques. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 407-420.	2.0	46
5	Systematically designed chitosan-coated solid lipid nanoparticles of ferulic acid for effective management of Alzheimer's disease: A preclinical evidence. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 205, 111838.	5.0	46
6	Phytoconstituents as pharmacotherapeutics in rheumatoid arthritis: challenges and scope of nano/submicromedicine in its effective delivery. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 69, 1-14.	2.4	41
7	Emergence in the functionalized carbon nanotubes as smart nanocarriers for drug delivery applications. , 2018, , 105-133.		24
8	QbD-steered development and validation of an RP-HPLC method for quantification of ferulic acid: Rational application of chemometric tools. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1155, 122300.	2.3	24
9	Application of chemometric approach for QbD-Enabled development and validation of an RP-HPLC method for estimation of methotrexate. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2019, 42, 502-512.	1.0	23
10	Stimuli-Responsive Systems with Diverse Drug Delivery and Biomedical Applications: Recent Updates and Mechanistic Pathways. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2017, 34, 209-255.	2.2	21
11	Supersaturated LFCS type III self-emulsifying delivery systems of sorafenib tosylate with improved biopharmaceutical performance: QbD-enabled development and evaluation. <i>Drug Delivery and Translational Research</i> , 2020, 10, 839-861.	5.8	21
12	Systematic Development of Drug Nanocargos Using Formulation by Design (FbD): An Updated Overview. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2020, 37, 229-269.	2.2	18
13	Systematic development of a gastroretentive fixed dose combination of lamivudine and zidovudine for increased patient compliance. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 37, 204-215.	3.0	13
14	Lipid-based Vesicular Nanocargoes as Nanotherapeutic Targets for the Effective Management of Rheumatoid Arthritis. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2016, 11, 3-15.	0.8	12
15	Systematic Development of Nanocarriers Employing Quality by Design Paradigms. , 2017, , 110-148.		11
16	Developing a Validated HPLC Method for Quantification of Ceftazidime Employing Analytical Quality by Design and Monte Carlo Simulations. <i>Journal of AOAC INTERNATIONAL</i> , 2021, 104, 620-632.	1.5	11
17	Phospholipid-based complex of raloxifene with enhanced biopharmaceutical potential: Synthesis, characterization and preclinical assessment. <i>International Journal of Pharmaceutics</i> , 2019, 571, 118698.	5.2	9
18	Implementation of analytical quality-by-design and green analytical chemistry approaches for the development of robust and ecofriendly UHPLC analytical method for quantification of chrysin. <i>Separation Science Plus</i> , 2020, 3, 384-398.	0.6	8

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19	Implementation of Analytical Quality-by-Design for Developing a Robust HPLC Method for Quantitative Estimation of Voriconazole: Application in Drug Formulations. <i>Analytical Chemistry Letters</i> , 2021, 11, 168-186.	1.0	8
20	QbD-steered development of mixed nanomicelles of galantamine: Demonstration of enhanced brain uptake, prolonged systemic retention and improved biopharmaceutical attributes. <i>International Journal of Pharmaceutics</i> , 2021, 600, 120482.	5.2	8
21	Nanoemulsion for the Effective Treatment and Management of Anti-tubercular Drug Therapy. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2018, 12, 85-94.	0.8	7
22	Metal-organic frameworks as expanding hybrid carriers with diverse therapeutic applications. , 2018, , 1-34.		4
23	Nanocargos: A Burgeoning Quest in Cancer Management. <i>Current Nanomedicine</i> , 2020, 10, 149-163.	0.6	3
24	Galactosylated nanoconstructs of Berberine with enhanced Biopharmaceutical and cognitive potential: A preclinical evidence in Alzheimer's disease. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102695.	3.0	3
25	Spherical Crystallization: An Overview. <i>International Journal of Drug Delivery Technology</i> , 2017, 4, .	0.1	3
26	A derivatization-based densitometric method for simultaneous estimation of artemether and lumefantrine: Method development, validation and applications. <i>Microchemical Journal</i> , 2021, 171, 106820.	4.5	1
27	Chronotherapy: A Review. <i>International Journal of Drug Delivery Technology</i> , 2014, 4, .	0.1	1
28	Solid Dispersions: A Review. <i>International Journal of Drug Delivery Technology</i> , 2014, 4, .	0.1	0