

Sai H S Boddu

List of Publications by Citations

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

87
papers

2,240
citations

24
h-index

46
g-index

91
ext. papers

2,697
ext. citations

3.6
avg, IF

5.22
L-index

#	Paper	IF	Citations
87	Approaches for enhancing oral bioavailability of peptides and proteins. <i>International Journal of Pharmaceutics</i> , 2013 , 447, 75-93	6.5	410
86	Recent perspectives in ocular drug delivery. <i>Pharmaceutical Research</i> , 2009 , 26, 1197-216	4.5	381
85	Novel approaches to retinal drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2007 , 4, 371-88	8	142
84	Ocular Drug Delivery Barriers-Role of Nanocarriers in the Treatment of Anterior Segment Ocular Diseases. <i>Pharmaceutics</i> , 2018 , 10,	6.4	122
83	Biomedical Applications of Electrospun Nanofibers: Drug and Nanoparticle Delivery. <i>Pharmaceutics</i> , 2018 , 11,	6.4	115
82	Alternatives to Biological Skin in Permeation Studies: Current Trends and Possibilities. <i>Pharmaceutics</i> , 2020 , 12,	6.4	86
81	Peptide prodrugs: improved oral absorption of lopinavir, a HIV protease inhibitor. <i>International Journal of Pharmaceutics</i> , 2008 , 359, 7-14	6.5	52
80	Effects of MS-153 on chronic ethanol consumption and GLT1 modulation of glutamate levels in male alcohol-preferring rats. <i>Frontiers in Behavioral Neuroscience</i> , 2014 , 8, 366	3.5	48
79	Development and validation of a fast and sensitive bioanalytical method for the quantitative determination of glucocorticoids—quantitative measurement of dexamethasone in rabbit ocular matrices by liquid chromatography tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 52, 525-33	3.5	46
78	Comparison of electrospun and solvent cast polylactic acid (PLA)/poly(vinyl alcohol) (PVA) inserts as potential ocular drug delivery vehicles. <i>Materials Science and Engineering C</i> , 2017 , 77, 895-903	8.3	42
77	Drug delivery to the back of the eye following topical administration: an update on research and patenting activity. <i>Recent Patents on Drug Delivery and Formulation</i> , 2014 , 8, 27-36	1.4	41
76	Molecular expression and functional evidence of a drug efflux pump (BCRP) in human corneal epithelial cells. <i>Current Eye Research</i> , 2009 , 34, 1-9	2.9	38
75	Vitreous pharmacokinetics of biotinylated ganciclovir: role of sodium-dependent multivitamin transporter expressed on retina. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2009 , 25, 39-49	2.6	38
74	Effects of ampicillin, cefazolin and cefoperazone treatments on GLT-1 expressions in the mesocorticolimbic system and ethanol intake in alcohol-preferring rats. <i>Neuroscience</i> , 2015 , 295, 164-74	3.9	36
73	Characterization and evaluation of 5-fluorouracil-loaded solid lipid nanoparticles prepared via a temperature-modulated solidification technique. <i>AAPS PharmSciTech</i> , 2014 , 15, 1498-508	3.9	31
72	Ocular sustained release nanoparticles containing stereoisomeric dipeptide prodrugs of acyclovir. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2011 , 27, 163-72	2.6	31
71	Novel nanoparticulate gel formulations of steroids for the treatment of macular edema. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2010 , 26, 37-48	2.6	31

70	Ocular microdialysis: a continuous sampling technique to study pharmacokinetics and pharmacodynamics in the eye. <i>Bioanalysis</i> , 2010 , 2, 487-507	2.1	30
69	Recent patents on ophthalmic nanoformulations and therapeutic implications. <i>Recent Patents on Drug Delivery and Formulation</i> , 2014 , 8, 193-201	1.4	28
68	Masking the bitter taste of injectable lidocaine HCl formulation for dental procedures. <i>AAPS PharmSciTech</i> , 2015 , 16, 455-65	3.9	26
67	In vitro evaluation of a targeted and sustained release system for retinoblastoma cells using Doxorubicin as a model drug. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2010 , 26, 459-68	2.6	26
66	Dry Eye Disease: Present Challenges in the Management and Future Trends. <i>Current Pharmaceutical Design</i> , 2016 , 22, 4470-90	3.3	26
65	Development and evaluation of dexamethasone nanomicelles with potential for treating posterior uveitis after topical application. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2015 , 31, 215-27	2.6	25
64	Folate Decorated Nanomicelles Loaded with a Potent Curcumin Analogue for Targeting Retinoblastoma. <i>Pharmaceutics</i> , 2017 , 9,	6.4	24
63	Organogels in Drug Delivery: A Special Emphasis on Pluronic Lecithin Organogels. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2016 , 19, 252	3.4	18
62	Development and Evaluation of a Novel Microemulsion of Dexamethasone and Tobramycin for Topical Ocular Administration. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2018 , 34, 312-324	2.6	16
61	Development and characterization of nanostructured mists with potential for actively targeting poorly water-soluble compounds into the lungs. <i>Pharmaceutical Research</i> , 2013 , 30, 2625-39	4.5	16
60	Differential expression of folate receptor-alpha, sodium-dependent multivitamin transporter, and amino acid transporter (B (0, +)) in human retinoblastoma (Y-79) and retinal pigment epithelial (ARPE-19) cell lines. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2012 , 28, 237-44	2.6	16
59	Development and validation of a sensitive bioanalytical method for the quantitative estimation of pantoprazole in human plasma samples by LC-MS/MS: application to bioequivalence study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010 , 878, 1499-505	3.2	15
58	Development and characterization of erythrosine nanoparticles with potential for treating sinusitis using photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2015 , 12, 9-18	3.5	14
57	Polymeric Nanoparticles for Ophthalmic Drug Delivery: An Update on Research and Patenting Activity. <i>Recent Patents on Nanomedicine</i> , 2012 , 2, 96-112		13
56	Elucidation of the orientation of selected drugs with 2-hydroxypropyl-β-cyclodextrin using 2D-NMR spectroscopy and molecular modeling. <i>International Journal of Pharmaceutics</i> , 2018 , 545, 357-365	6.5	12
55	Advances in Ultrasound Mediated Transdermal Drug Delivery. <i>Current Pharmaceutical Design</i> , 2019 , 25, 413-423	3.3	12
54	Resveratrol-loaded nanomedicines for cancer applications. <i>Cancer Reports</i> , 2021 , 4, e1353	1.5	12
53	Formulation and In Vitro Evaluation of Cyclosporine-A Inserts Prepared Using Hydroxypropyl Methylcellulose for Treating Dry Eye Disease. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2016 , 32, 451-62	2.6	10

52	Tanshinone IIA Inhibits VEGF Secretion and HIF-1 β Expression in Cultured Human Retinal Pigment Epithelial Cells under Hypoxia. <i>Current Eye Research</i> , 2017 , 42, 1667-1673	2.9	10
51	Anti-inflammatory effects of a novel ricinoleic acid poloxamer gel system for transdermal delivery. <i>International Journal of Pharmaceutics</i> , 2015 , 479, 207-11	6.5	10
50	Vitreous pharmacokinetics of peptide-transporter-targeted prodrugs of ganciclovir in conscious animals. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2010 , 26, 265-71	2.6	10
49	Lipid Nanoparticles as a Promising Drug Delivery Carrier for Topical Ocular Therapy-An Overview on Recent Advances.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	10
48	Functional characterization of folate transport proteins in Statens Serum Institut rabbit corneal epithelial cell line. <i>Current Eye Research</i> , 2011 , 36, 404-16	2.9	9
47	Novel Thienopyrimidine Derivative, RP-010, Induces β Catenin Fragmentation and Is Efficacious against Prostate Cancer Cells. <i>Cancers</i> , 2019 , 11,	6.6	8
46	Preparation and Characterization of Furosemide-Silver Complex Loaded Chitosan Nanoparticles. <i>Processes</i> , 2019 , 7, 206	2.9	8
45	Organogels in Drug Delivery: A Special Emphasis on Pluronic Lecithin Organogels. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2016 , 19, 252-73	3.4	8
44	Development and characterization of a ricinoleic acid poloxamer gel system for transdermal eyelid delivery. <i>Drug Development and Industrial Pharmacy</i> , 2015 , 41, 605-12	3.6	7
43	A Short Review on the Intranasal Delivery of Diazepam for Treating Acute Repetitive Seizures. <i>Pharmaceutics</i> , 2020 , 12,	6.4	7
42	Biocompatible SPME fibers for direct monitoring of nicotine and its metabolites at ultra trace concentration in rabbit plasma following the application of smoking cessation formulations. <i>Journal of Chromatography A</i> , 2020 , 1626, 461333	4.5	7
41	Assessing development in critical thinking: One institution's experience. <i>Currents in Pharmacy Teaching and Learning</i> , 2016 , 8, 271-278	1.5	7
40	Utility of transporter/receptor(s) in drug delivery to the eye. <i>World Journal of Pharmacology</i> , 2013 , 2, 1	1.8	7
39	Transdermal Delivery of Chemotherapeutics: Strategies, Requirements, and Opportunities. <i>Pharmaceutics</i> , 2021 , 13,	6.4	7
38	Imaging Techniques in the Diagnosis and Management of Ocular Tumors: Prospects and Challenges. <i>AAPS Journal</i> , 2018 , 20, 97	3.7	7
37	Smart Polymers in Drug Delivery 2015 , 169-199		6
36	An Updated Overview of the Emerging Role of Patch and Film-Based Buccal Delivery Systems. <i>Pharmaceutics</i> , 2021 , 13,	6.4	6
35	Evaluation of topical econazole nitrate formulations with potential for treating Raynaud's phenomenon. <i>Pharmaceutical Development and Technology</i> , 2019 , 24, 689-699	3.4	5

34	Evaluation of the percutaneous absorption of chlorpromazine from PLO gels across porcine ear and human abdominal skin. <i>Drug Development and Industrial Pharmacy</i> , 2016 , 42, 1258-66	3.6	5
33	Preclinical evaluation of a ricinoleic acid poloxamer gel system for transdermal eyelid delivery. <i>International Journal of Pharmaceutics</i> , 2014 , 470, 158-61	6.5	5
32	Solid Lipid Nanoparticles in Drug Delivery 2017 , 291-330		5
31	Recent overview of ocular patents. <i>Recent Patents on Drug Delivery and Formulation</i> , 2012 , 6, 95-106	1.4	5
30	FSE-Ag complex NS: preparation and evaluation of antibacterial activity. <i>IET Nanobiotechnology</i> , 2018 , 12, 836-840	2	5
29	Ultrasound-mediated topical delivery of econazole nitrate with potential for treating Raynaud's phenomenon. <i>International Journal of Pharmaceutics</i> , 2020 , 580, 119229	6.5	4
28	Compatibility of conivaptan injection with select cardiovascular medications. <i>American Journal of Health-System Pharmacy</i> , 2014 , 71, 1534-5	2.2	4
27	Flavonoids as Multi-Target Compounds: A Special Emphasis on their Potential as Chemo-adjuvants in Cancer Therapy. <i>Current Pharmaceutical Design</i> , 2020 , 26, 1712-1728	3.3	4
26	Excipient Applications in Formulation Design and Drug Delivery 2015 , 1-10		3
25	Preparation and in vitro evaluation of a pluronic lecithin organogel containing ricinoleic acid for transdermal delivery. <i>International Journal of Pharmaceutical Compounding</i> , 2014 , 18, 256-61	0.2	3
24	Physical compatibility of valproate sodium injection with dobutamine and dopamine. <i>American Journal of Health-System Pharmacy</i> , 2017 , 74, 280-281	2.2	2
23	Excipients That Facilitate Amorphous Drug Stabilization 2015 , 463-495		2
22	Role of Innovator Product Characterization in Generic Product Development 2015 , 521-538		2
21	Selection of Excipients Based on the Biopharmaceutics Classification System of Drugs 2015 , 351-383		2
20	Physical compatibility of levetiracetam injection with heparin, dobutamine, and dopamine. <i>American Journal of Health-System Pharmacy</i> , 2018 , 75, 510-512	2.2	2
19	Compatibility, Stability, and Efficacy of Vancomycin Combined With Gentamicin or Ethanol in Sodium Citrate as a Catheter Lock Solution. <i>Hospital Pharmacy</i> , 2017 , 52, 685-690	1.1	2
18	Physical compatibility of sodium citrate with alcohol and cefepime. <i>American Journal of Health-System Pharmacy</i> , 2013 , 70, 932, 937	2.2	2
17	MDCK Cells and Other Cell-Culture Models of Oral Drug Absorption 2011 , 443-459		2

16	The Role of Nano-ophthalmology in Treating Dry Eye Disease. <i>Pharmaceutical Nanotechnology</i> , 2020 , 8, 258-289	4	2
15	pH-Sensitive Liposomes for Enhanced Cellular Uptake and Cytotoxicity of Daunorubicin in Melanoma (B16-BL6) Cell Lines. <i>Pharmaceutics</i> , 2022 , 14, 1128	6.4	2
14	Evaluation of Oleic Acid and Polyethylene Glycol Monomethyl Ether Conjugate (PEGylated Oleic Acid) as a Solubility Enhancer of Furosemide. <i>Processes</i> , 2019 , 7, 520	2.9	1
13	Tailoring the Release of Drugs Using Excipients 2015 , 201-236		1
12	Compatibility of argatroban injection with select antiarrhythmic drugs. <i>American Journal of Health-System Pharmacy</i> , 2014 , 71, 1831-2	2.2	1
11	Niosomal formulation of hydroxytyrosol, a polyphenolic antioxidant, for enhancing transdermal delivery across human cadaver skin.. <i>Pharmaceutical Development and Technology</i> , 2022 , 1-26	3.4	1
10	Physical compatibility of milrinone with levofloxacin and ceftriaxone injection. <i>American Journal of Health-System Pharmacy</i> , 2018 , 75, 1010-1012	2.2	1
9	The use of zebrafish model in prostate cancer therapeutic development and discovery. <i>Cancer Chemotherapy and Pharmacology</i> , 2021 , 87, 311-325	3.5	1
8	Surface nanoarchitected metal-organic frameworks-based sensor for reduced glutathione sensing: a review. <i>Journal of Nanostructure in Chemistry</i> , 1	7.6	1
7	Transscleral Iontophoretic Drug Delivery for Treating Retinal Diseases 2018 , 241-269		0
6	Prodrug Strategies to Enhance Oral Drug Absorption 2011 , 355-369		
5	Physical Compatibility, Antimicrobial Activity, and Stability of Cefazolin Combined with Gentamicin or Ethanol in Sodium Citrate as a Catheter Lock Solution.. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2021 , 13, 298-304	1.1	
4	Excipients and Non-medicinal Agents as Active Pharmaceutical Ingredients 2015 , 613-636		
3	Design and In Vitro Evaluation of Intranasal Diazepam for Treating Acute Repetitive Seizures: a Technical Note. <i>Journal of Pharmaceutical Innovation</i> , 2020 , 1	1.8	
2	The Physical Compatibility of Clinically Used Concentrations of Diltiazem Hydrochloride With Heparin Sodium. <i>Journal of Pharmacy Technology</i> , 2020 , 36, 126-129	0.6	
1	Percutaneous Absorption of Lorazepam, Diphenhydramine Hydrochloride, and Haloperidol from ABH Gel. <i>International Journal of Pharmaceutical Compounding</i> , 2020 , 24, 168-175	0.2	