

Bapi Gorain

List of Publications by Year in descending order

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Version: 2024-02-01

121
papers

4,674
citations

108046

37
h-index

129628

63
g-index

121
all docs

121
docs citations

121
times ranked

5044
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the role of mesoporous silica nanoparticle in the development of novel drug delivery systems. Drug Delivery and Translational Research, 2022, 12, 105-123.	3.0	34
2	An Insight into the Role of Artificial Intelligence in the Early Diagnosis of Alzheimer's Disease. CNS and Neurological Disorders - Drug Targets, 2022, 21, 901-912.	0.8	3
3	Environmental and occupational exposure of metals and female reproductive health. Environmental Science and Pollution Research, 2022, 29, 62067-62092.	2.7	47
4	Surface engineering of nanoparticles for imparting multifunctionality. , 2022, , 181-210.		4
5	Advances and Challenges in Intranasal Delivery of Antipsychotic Agents Targeting the Central Nervous System. Frontiers in Pharmacology, 2022, 13, 865590.	1.6	8
6	Advanced drug delivery systems containing herbal components for wound healing. International Journal of Pharmaceutics, 2022, 617, 121617.	2.6	38
7	Recent Update on Bacteria as a Delivery Carrier in Cancer Therapy: From Evil to Allies. Pharmaceutical Research, 2022, 39, 1115-1134.	1.7	9
8	Mucoadhesive Nanocarriers as a Promising Strategy to Enhance Intracellular Delivery against Oral Cavity Carcinoma. Pharmaceutics, 2022, 14, 795.	2.0	11
9	Clinical progress of therapeutics and vaccines: Rising hope against COVID-19 treatment. Process Biochemistry, 2022, 118, 154-170.	1.8	4
10	Nanocarrier-based co-delivery approaches of chemotherapeutics with natural P-glycoprotein inhibitors in the improvement of multidrug resistance cancer therapy. Journal of Drug Targeting, 2022, 30, 801-818.	2.1	3
11	Sustained-release ginseng/sodium alginate nano hydrogel formulation, characterization, and in vivo assessment to facilitate wound healing. Journal of Drug Delivery Science and Technology, 2022, 74, 103565.	1.4	4
12	Delivery of Therapeutics from Layer-by-Layer Electrospun Nanofiber Matrix for Wound Healing: An Update. Journal of Pharmaceutical Sciences, 2021, 110, 635-653.	1.6	81
13	Dendrimer for solubility enhancement. , 2021, , 273-283.		7
14	Safety and toxicity issues of dendrimers. , 2021, , 143-162.		5
15	History and introduction of dendrimers. , 2021, , 1-14.		4
16	Physiology of the biological barriers. , 2021, , 79-95.		3
17	Nanomedicine for inflammatory bowel disease. , 2021, , 209-233.		0
18	Flavonoids as potential phytotherapeutics to combat cytokine storm in SARS-CoV-2. Phytotherapy Research, 2021, 35, 4258-4283.	2.8	36

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19	Enhanced Solubility and Bioavailability of Dolutegravir by Solid Dispersion Method: In Vitro and In Vivo Evaluation – a Potential Approach for HIV Therapy. <i>AAPS PharmSciTech</i> , 2021, 22, 127.	1.5	20
20	Antipsychotic Potential and Safety Profile of TPGS-Based Mucoadhesive Aripiprazole Nanoemulsion: Development and Optimization for Nose-To-Brain Delivery. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 1761-1778.	1.6	22
21	Potential of Stimuli-Responsive In Situ Gel System for Sustained Ocular Drug Delivery: Recent Progress and Contemporary Research. <i>Polymers</i> , 2021, 13, 1340.	2.0	35
22	Recent update of toxicity aspects of nanoparticulate systems for drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 161, 100-119.	2.0	44
23	Development and optimization of chitosan coated nanoemulgel of telmisartan for intranasal delivery: A comparative study. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 62, 102341.	1.4	28
24	Emerging innovations in nano-enabled therapy against age-related macular degeneration: A paradigm shift. <i>International Journal of Pharmaceutics</i> , 2021, 600, 120499.	2.6	13
25	Budesonide-Loaded Pectin/Polyacrylamide Hydrogel for Sustained Delivery: Fabrication, Characterization and In Vitro Release Kinetics. <i>Molecules</i> , 2021, 26, 2704.	1.7	24
26	Understanding the role of ACE-2 receptor in pathogenesis of COVID-19 disease: a potential approach for therapeutic intervention. <i>Pharmacological Reports</i> , 2021, 73, 1539-1550.	1.5	48
27	An Updated Overview of the Emerging Role of Patch and Film-Based Buccal Delivery Systems. <i>Pharmaceutics</i> , 2021, 13, 1206.	2.0	43
28	Development of In-Situ Spray for Local Delivery of Antibacterial Drug for Hidradenitis Suppurativa: Investigation of Alternative Formulation. <i>Polymers</i> , 2021, 13, 2770.	2.0	9
29	Multivesicular Liposome: A Lipid-based Drug Delivery System for Efficient Drug Delivery. <i>Current Pharmaceutical Design</i> , 2021, 27, 4404-4415.	0.9	15
30	Nose-to-brain delivery of amisulpride-loaded lipid-based poloxamer-gellan gum nanoemulgel: In vitro and in vivo pharmacological studies. <i>International Journal of Pharmaceutics</i> , 2021, 607, 121050.	2.6	21
31	Recent advances in nanoparticles mediated photothermal therapy induced tumor regression. <i>International Journal of Pharmaceutics</i> , 2021, 606, 120848.	2.6	67
32	Nano-enabled strategies to combat methicillin-resistant <i>Staphylococcus aureus</i> . <i>Materials Science and Engineering C</i> , 2021, 129, 112384.	3.8	25
33	Quantum dot: Heralding a brighter future in neurodegenerative disorders. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 65, 102700.	1.4	12
34	Formulation and characterisation of deferoxamine nanofiber as potential wound dressing for the treatment of diabetic foot ulcer. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102751.	1.4	13
35	Encapsulation of Ellagic Acid in Di-Block Copolymeric Micelle for Non-Small Cell Lung Cancer Therapy. <i>Science of Advanced Materials</i> , 2021, 13, 66-72.	0.1	3
36	Formulation development and characterization of lumefantrine nanosuspension for enhanced antimalarial activity. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021, 32, 833-857.	1.9	14

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37	Tocotrienols-rich naringenin nanoemulgel for the management of diabetic wound: Fabrication, characterization and comparative in vitro evaluations. <i>Current Research in Pharmacology and Drug Discovery</i> , 2021, 2, 100019.	1.7	22
38	Characterization of dendrimers. , 2021, , 125-141.		5
39	Advancement on Sustained Antiviral Ocular Drug Delivery for Herpes Simplex Virus Keratitis: Recent Update on Potential Investigation. <i>Pharmaceutics</i> , 2021, 13, 1.	2.0	95
40	Promising Drug Delivery Approaches to Treat Microbial Infections in the Vagina: A Recent Update. <i>Polymers</i> , 2021, 13, 26.	2.0	34
41	Optimized Rivastigmine Nanoparticles Coated with Eudragit for Intranasal Application to Brain Delivery: Evaluation and Nasal Ciliotoxicity Studies. <i>Materials</i> , 2021, 14, 6291.	1.3	19
42	Constant Voltage Iontophoresis Technique to Deliver Terbinafine via Transungual Delivery System: Formulation Optimization Using Box-Behnken Design and In Vitro Evaluation. <i>Pharmaceutics</i> , 2021, 13, 1692.	2.0	13
43	Development and Optimization of Asenapine Sublingual Film Using QbD Approach. <i>AAPS PharmSciTech</i> , 2021, 22, 244.	1.5	3
44	Development, Optimization, and Evaluation of Luliconazole Nanoemulgel for the Treatment of Fungal Infection. <i>Journal of Chemistry</i> , 2021, 2021, 1-13.	0.9	7
45	Recent Advances in Pharmaceutical Cocrystals: From Bench to Market. <i>Frontiers in Pharmacology</i> , 2021, 12, 780582.	1.6	29
46	Advanced nanoscale carrier-based approaches to overcome biopharmaceutical issues associated with anticancer drug â€Etoposideâ€™. <i>Materials Science and Engineering C</i> , 2020, 106, 110275.	3.8	35
47	Role of therapeutic agents on repolarisation of tumour-associated macrophage to halt lung cancer progression. <i>Journal of Drug Targeting</i> , 2020, 28, 166-175.	2.1	10
48	Recent advances in targeted nanomedicine as promising antitumor therapeutics. <i>Drug Discovery Today</i> , 2020, 25, 2227-2244.	3.2	71
49	A Critical Review on Emerging Trends in Dry Powder Inhaler Formulation for the Treatment of Pulmonary Aspergillosis. <i>Pharmaceutics</i> , 2020, 12, 1161.	2.0	8
50	Development and Optimization of Naringenin-Loaded Chitosan-Coated Nanoemulsion for Topical Therapy in Wound Healing. <i>Pharmaceutics</i> , 2020, 12, 893.	2.0	66
51	Novel Approaches for the Treatment of Pulmonary Tuberculosis. <i>Pharmaceutics</i> , 2020, 12, 1196.	2.0	26
52	Fighting Strategies Against the Novel Coronavirus Pandemic: Impact on Global Economy. <i>Frontiers in Public Health</i> , 2020, 8, 606129.	1.3	18
53	Development of HPLC Method for Quantification of Sinigrin from <i>Raphanus sativus</i> Roots and Evaluation of Its Anticancer Potential. <i>Molecules</i> , 2020, 25, 4947.	1.7	2
54	Preparation, characterization, and optimization of asenapine maleate mucoadhesive nanoemulsion using Box-Behnken design: In vitro and in vivo studies for brain targeting. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119499.	2.6	41

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55	Polymeric micelle-based drug delivery systems for tuberculosis treatment. , 2020, , 175-191.		13
56	3D printing for oral drug delivery: a new tool to customize drug delivery. Drug Delivery and Translational Research, 2020, 10, 986-1001.	3.0	69
57	Theranostic application of nanoemulsions in chemotherapy. Drug Discovery Today, 2020, 25, 1174-1188.	3.2	85
58	Hyaluronic acid functionalized nanoparticles for simultaneous delivery of curcumin and resveratrol for management of chronic diabetic wounds: Fabrication, characterization, stability and in vitro release kinetics. Journal of Drug Delivery Science and Technology, 2020, 57, 101747.	1.4	29
59	Silver nanoparticles: Advanced and promising technology in diabetic wound therapy. Materials Science and Engineering C, 2020, 112, 110925.	3.8	105
60	Macrophage targeted amphotericin B nanodelivery systems against visceral leishmaniasis. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2020, 258, 114571.	1.7	17
61	Screening of nanoemulsion components for asenapine maleate using validated RP-HPLC method. Annales Pharmaceutiques Francaises, 2020, 78, 379-387.	0.4	2
62	Nose to Brain Delivery of Nanocarriers Towards Attenuation of Demented Condition. Current Pharmaceutical Design, 2020, 26, 2233-2246.	0.9	20
63	Folic Acid Conjugated Nanocarriers for Efficient Targetability and Promising Anticancer Efficacy for Treatment of Breast Cancer: A Review of Recent Updates. Current Pharmaceutical Design, 2020, 26, 5365-5379.	0.9	12
64	Recent Advances in Self-Assembled Nanoparticles for Drug Delivery. Current Drug Delivery, 2020, 17, 279-291.	0.8	29
65	Nanoparticles Based Intranasal Delivery of Drug to Treat Alzheimer's Disease: A Recent Update. CNS and Neurological Disorders - Drug Targets, 2020, 19, 648-662.	0.8	8
66	Polyester, Polyhydroxyalkanoate Nanoparticles as a Promising Tool for Anticancer Therapeutics. , 2019, , 101-121.		3
67	Formulation development and evaluation of rotigotine mucoadhesive nanoemulsion for intranasal delivery. Journal of Drug Delivery Science and Technology, 2019, 54, 101301.	1.4	42
68	Clinical Aspects and Regulatory Requirements for Nanomedicines. , 2019, , 733-752.		9
69	Up-to-Date Implications of Nanomaterials in Dental Science. , 2019, , 301-336.		0
70	Targeted drug delivery to the brain via intranasal nanoemulsion: Available proof of concept and existing challenges. International Journal of Pharmaceutics, 2019, 565, 258-268.	2.6	124
71	Strategizing biodegradable polymeric nanoparticles to cross the biological barriers for cancer targeting. International Journal of Pharmaceutics, 2019, 565, 509-522.	2.6	75
72	Dendrimer-entrapped gold nanoparticles as promising nanocarriers for anticancer therapeutics and imaging. Progress in Materials Science, 2019, 103, 484-508.	16.0	126

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73	Dendrimer entrapped micro sponge gel of dithranol for effective topical treatment. <i>Heliyon</i> , 2019, 5, e01343.	1.4	65
74	Rising horizon in circumventing multidrug resistance in chemotherapy with nanotechnology. <i>Materials Science and Engineering C</i> , 2019, 101, 596-613.	3.8	71
75	Intranasal teriflunomide microemulsion: An improved chemotherapeutic approach in glioblastoma. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 51, 276-289.	1.4	44
76	An Overview of the Anatomy and Physiology of the Lung. , 2019, , 1-20.		4
77	Overexpressed Receptors and Proteins in Lung Cancer. , 2019, , 39-75.		14
78	Dendrimer-Based Nanocarriers in Lung Cancer Therapy. , 2019, , 161-192.		19
79	Nanoemulsions as Effective Carriers for the Treatment of Lung Cancer. , 2019, , 217-247.		24
80	The potential of dendrimer in delivery of therapeutics for dentistry. <i>Heliyon</i> , 2019, 5, e02544.	1.4	39
81	The use of nanoparticles as biomaterials in dentistry. <i>Drug Discovery Today</i> , 2019, 24, 85-98.	3.2	95
82	Hyaluronic acid-modified betamethasone encapsulated polymeric nanoparticles: fabrication, characterisation, in vitro release kinetics, and dermal targeting. <i>Drug Delivery and Translational Research</i> , 2019, 9, 520-533.	3.0	78
83	Three-Dimensional (3-D) Printing Technology Exploited for the Fabrication of Drug Delivery Systems. <i>Current Pharmaceutical Design</i> , 2019, 24, 5019-5028.	0.9	9
84	Adenosine Receptors in Modulation of Central Nervous System Disorders. <i>Current Pharmaceutical Design</i> , 2019, 25, 2808-2827.	0.9	17
85	Adenosine Receptors as Novel Targets for the Treatment of Various Cancers. <i>Current Pharmaceutical Design</i> , 2019, 25, 2828-2841.	0.9	17
86	Type-3c Diabetes Mellitus, Diabetes of Exocrine Pancreas - An Update. <i>Current Diabetes Reviews</i> , 2019, 15, 382-394.	0.6	31
87	Mechanistic Description of Natural Herbs in the Treatment of Dementia: A Systematic Review. <i>Current Psychopharmacology</i> , 2019, 7, 149-164.	0.1	7
88	Nanotechnology based approaches for anti-diabetic drugs delivery. <i>Diabetes Research and Clinical Practice</i> , 2018, 136, 52-77.	1.1	136
89	An update on natural compounds in the remedy of diabetes mellitus: A systematic review. <i>Journal of Traditional and Complementary Medicine</i> , 2018, 8, 361-376.	1.5	265
90	Carbon nanotube scaffolds as emerging nanoplatform for myocardial tissue regeneration: A review of recent developments and therapeutic implications. <i>Biomedicine and Pharmacotherapy</i> , 2018, 104, 496-508.	2.5	112

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91	An overview of application of silver nanoparticles for biomaterials in dentistry. <i>Materials Science and Engineering C</i> , 2018, 91, 881-898.	3.8	242
92	Paclitaxel loaded vitamin E-TPGS nanoparticles for cancer therapy. <i>Materials Science and Engineering C</i> , 2018, 91, 868-880.	3.8	82
93	Dendrimers as Effective Carriers for the Treatment of Brain Tumor. , 2018, , 267-305.		11
94	Drug-Excipient Interaction and Incompatibilities. , 2018, , 363-402.		17
95	Drug Complexation. , 2018, , 473-512.		5
96	Transferrin receptors-targeting nanocarriers for efficient targeted delivery and transcytosis of drugs into the brain tumors: a review of recent advancements and emerging trends. <i>Drug Delivery and Translational Research</i> , 2018, 8, 1545-1563.	3.0	123
97	Perspectives of Nanoemulsion Strategies in The Improvement of Oral, Parenteral and Transdermal Chemotherapy. <i>Current Pharmaceutical Biotechnology</i> , 2018, 19, 276-292.	0.9	46
98	Recent Updates on Novel Approaches in Insulin Drug Delivery: A Review of Challenges and Pharmaceutical Implications. <i>Current Drug Targets</i> , 2018, 19, 1782-1800.	1.0	10
99	Current updates on pharmacological roles of glucagon-like peptide 1 in obesity. <i>Panminerva Medica</i> , 2018, 60, 224-225.	0.2	5
100	The use of nanoscaffolds and dendrimers in tissue engineering. <i>Drug Discovery Today</i> , 2017, 22, 652-664.	3.2	108
101	Recent Update on Nanoemulgel as Topical Drug Delivery System. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 1736-1751.	1.6	118
102	Development and validation of a high throughput LC-MS/MS method for simultaneous quantitation of pioglitazone and telmisartan in rat plasma and its application to a pharmacokinetic study. <i>Journal of Pharmaceutical Analysis</i> , 2017, 7, 381-387.	2.4	28
103	Recent advances in TPGS-based nanoparticles of docetaxel for improved chemotherapy. <i>International Journal of Pharmaceutics</i> , 2017, 529, 506-522.	2.6	95
104	Safety against nephrotoxicity in paclitaxel treatment: Oral nanocarrier as an effective tool in preclinical evaluation with marked in vivo antitumor activity. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 91, 179-189.	1.3	46
105	Development and Validation of an LC-MS/MS-ESI Method for Comparative Pharmacokinetic Study of Ciprofloxacin in Healthy Male Subjects. <i>Drug Research</i> , 2017, 67, 94-102.	0.7	6
106	Pharmacokinetic and Pharmacodynamic Features of Nanoemulsion Following Oral, Intravenous, Topical and Nasal Route. <i>Current Pharmaceutical Design</i> , 2017, 23, 2504-2531.	0.9	112
107	Comparative biodistribution and safety profiling of olmesartan medoxomil oil-in-water oral nanoemulsion. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 82, 20-31.	1.3	67
108	Toxicological assessment of PEG functionalized f-block rare earth phosphate nanorods. <i>Toxicology Research</i> , 2015, 4, 966-975.	0.9	12

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109	Nanoemulsion strategy for olmesartan medoxomil improves oral absorption and extended antihypertensive activity in hypertensive rats. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 115, 286-294.	2.5	123
110	Improvement of cellular uptake, in vitro antitumor activity and sustained release profile with increased bioavailability from a nanoemulsion platform. <i>International Journal of Pharmaceutics</i> , 2014, 460, 131-143.	2.6	169
111	Development and Validation of RP-HPLC Method: Scope of Application in the Determination of Oil Solubility of Paclitaxel. <i>Journal of Chromatographic Science</i> , 2014, 52, 68-74.	0.7	28
112	Arylamine N-acetyl Transferase (NAT) in the blue secretion of <i>Telescopium telescopium</i> : xenobiotic metabolizing enzyme as a biomarker for detection of environmental pollution. <i>SpringerPlus</i> , 2014, 3, 666.	1.2	0
113	Development and Validation of a Sensitive HPLC-MS/MS-ESI Method for Determination of Febuxostat: Application to Pharmacokinetic Study. <i>Current Analytical Chemistry</i> , 2014, 10, 528-536.	0.6	12
114	A randomized two-way crossover comparative pharmacokinetic study of two different tablet formulations containing ilaprazole in healthy human Indian volunteers. <i>Archives of Medicine and Health Sciences</i> , 2014, 2, 160.	0.0	1
115	Development and validation of an HPLC-UV method for simultaneous determination of zidovudine, lamivudine, and nevirapine in human plasma and its application to pharmacokinetic study in human volunteers. <i>Drug Testing and Analysis</i> , 2013, 5, 485-491.	1.6	14
116	A novel approach for nanoemulsion components screening and nanoemulsion assay of olmesartan medoxomil through a developed and validated HPLC method. <i>RSC Advances</i> , 2013, 3, 10887.	1.7	26
117	A Comparative Pharmacokinetic Study of a Fixed Dose Combination for Essential Hypertensive Patients: A Randomized Crossover Study in Healthy Human Volunteers. <i>Drug Research</i> , 2013, 63, 177-184.	0.7	4
118	Development and Validation of an HPLC Method for Simultaneous Detection and Quantification of Paracetamol and Etodolac in Human Plasma and Its Application to a Pharmacokinetic Study. <i>Journal of AOAC INTERNATIONAL</i> , 2013, 96, 573-579.	0.7	11
119	The Gastroprotective Role of <i>Acanthus ilicifolius</i> – A Study to Unravel the Underlying Mechanism of Anti-Ulcer Activity. <i>Scientia Pharmaceutica</i> , 2012, 80, 701-717.	0.7	22
120	Anti-inflammatory activity of <i>Acanthus ilicifolius</i> . <i>Journal of Ethnopharmacology</i> , 2008, 120, 7-12.	2.0	55
121	Current Strategies in Breast Cancer Therapy: Role of Epigenetics and Nanomedicine. <i>Particle and Particle Systems Characterization</i> , 0, , 2100276.	1.2	0