

Meenu Mehta

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

3,029
citations

147726

31
h-index

182361

51
g-index

89
all docs

89
docs citations

89
times ranked

2224
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein and peptide delivery to lungs by using advanced targeted drug delivery. <i>Chemico-Biological Interactions</i> , 2022, 351, 109706.	1.7	21
2	Advancements in nanotherapeutics targeting senescence in chronic obstructive pulmonary disease. <i>Nanomedicine</i> , 2022, 17, 1757-1760.	1.7	11
3	Concepts of advanced therapeutic delivery systems for the management of remodeling and inflammation in airway diseases. <i>Future Medicinal Chemistry</i> , 2022, 14, 271-288.	1.1	8
4	Preparation and Evaluation of Gefitinib Containing Nanoliposomal Formulation for Lung Cancer Therapy. <i>BioNanoScience</i> , 2022, 12, 241-255.	1.5	12
5	Berberine-loaded liquid crystalline nanoparticles inhibit non-small cell lung cancer proliferation and migration in vitro. <i>Environmental Science and Pollution Research</i> , 2022, 29, 46830-46847.	2.7	40
6	Celastrol-loaded liquid crystalline nanoparticles as an anti-inflammatory intervention for the treatment of asthma. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 754-763.	1.8	32
7	Targeting respiratory diseases using miRNA inhibitor based nanotherapeutics: Current status and future perspectives. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 31, 102303.	1.7	16
8	Anti-inflammatory and anticancer activities of Naringenin-loaded liquid crystalline nanoparticles in vitro. <i>Journal of Food Biochemistry</i> , 2021, 45, e13572.	1.2	77
9	Potential anti-epileptic phytoconstituents: An updated review. <i>Journal of Ethnopharmacology</i> , 2021, 268, 113565.	2.0	22
10	Novel Controlled Release Pulmonary Drug Delivery Systems: Current updates and Challenges. , 2021, , 253-272.		4
11	Targeting Cancer using Curcumin Encapsulated Vesicular Drug Delivery Systems. <i>Current Pharmaceutical Design</i> , 2021, 27, 2-14.	0.9	29
12	Targeting eosinophils in respiratory diseases: Biological axis, emerging therapeutics and treatment modalities. <i>Life Sciences</i> , 2021, 267, 118973.	2.0	16
13	Drug delivery advances in mitigating inflammation via matrix metalloproteinases in respiratory diseases. <i>Nanomedicine</i> , 2021, 16, 437-439.	1.7	5
14	An overview of vaccine development for COVID-19. <i>Therapeutic Delivery</i> , 2021, 12, 235-244.	1.2	51
15	Rutin-loaded liquid crystalline nanoparticles attenuate oxidative stress in bronchial epithelial cells: a PCR validation. <i>Future Medicinal Chemistry</i> , 2021, 13, 543-549.	1.1	16
16	Rutin loaded liquid crystalline nanoparticles inhibit non-small cell lung cancer proliferation and migration in vitro. <i>Life Sciences</i> , 2021, 276, 119436.	2.0	58
17	Hypoxia-Inducible Factor (HIF): Fuel for Cancer Progression. <i>Current Molecular Pharmacology</i> , 2021, 14, 321-332.	0.7	20
18	Formulation, Characterisation and In vitro Cytotoxic Effect of <i>Lens culinaris Medikus</i> Seeds Extract Loaded Chitosan Microspheres. <i>Current Molecular Pharmacology</i> , 2021, 14, 448-457.	0.7	2

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19	Versatility of liquid crystalline nanoparticles in inflammatory lung diseases. <i>Nanomedicine</i> , 2021, 16, 1545-1548.	1.7	25
20	The Potential for Phospholipids in the Treatment of Airway Inflammation: An Unexplored Solution. <i>Current Molecular Pharmacology</i> , 2021, 14, 333-349.	0.7	1
21	Perfluorocarbons Therapeutics in Modern Cancer Nanotechnology for Hypoxia-induced Anti-tumor Therapy. <i>Current Pharmaceutical Design</i> , 2021, 27, 4376-4387.	0.9	1
22	Recent trends of NF- κ B decoy oligodeoxynucleotide-based nanotherapeutics in lung diseases. <i>Journal of Controlled Release</i> , 2021, 337, 629-644.	4.8	21
23	Nanotechnology based advanced therapeutic strategies for targeting interleukins in chronic respiratory diseases. <i>Chemico-Biological Interactions</i> , 2021, 348, 109637.	1.7	14
24	Berberine loaded liquid crystalline nanostructure inhibits cancer progression in adenocarcinomic human alveolar basal epithelial cells in vitro. <i>Journal of Food Biochemistry</i> , 2021, 45, e13954.	1.2	25
25	Nanosuspensions - An Update on Recent Patents, Methods of Preparation, and Evaluation Parameters. <i>Recent Patents on Nanotechnology</i> , 2021, 15, 351-366.	0.7	5
26	Albumin Nano-Encapsulation of Piceatannol Enhances Its Anticancer Potential in Colon Cancer Via Downregulation of Nuclear p65 and HIF-1 α . <i>Cancers</i> , 2020, 12, 113.	1.7	74
27	Solid lipid nanoparticles containing anti-tubercular drugs attenuate the <i>Mycobacterium marinum</i> infection. <i>Tuberculosis</i> , 2020, 125, 102008.	0.8	37
28	Development of modified apple polysaccharide capped silver nanoparticles loaded with mesalamine for effective treatment of ulcerative colitis. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101980.	1.4	9
29	Advanced drug delivery systems can assist in managing influenza virus infection: A hypothesis. <i>Medical Hypotheses</i> , 2020, 144, 110298.	0.8	19
30	Perspectives and advancements in the design of nanomaterials for targeted cancer theranostics. <i>Chemico-Biological Interactions</i> , 2020, 329, 109221.	1.7	46
31	Rutin loaded liquid crystalline nanoparticles inhibit lipopolysaccharide induced oxidative stress and apoptosis in bronchial epithelial cells in vitro. <i>Toxicology in Vitro</i> , 2020, 68, 104961.	1.1	36
32	Development of a novel HPTLC fingerprint method for simultaneous estimation of berberine and rutin in medicinal plants and their pharmaceutical preparations followed by its application in antioxidant assay. <i>Journal of Planar Chromatography - Modern TLC</i> , 2020, 33, 313-319.	0.6	9
33	Probing 3CL protease: Rationally designed chemical moieties for COVID-19. <i>Drug Development Research</i> , 2020, 81, 911-918.	1.4	10
34	Advanced drug delivery systems can assist in targeting coronavirus disease (COVID-19): A hypothesis. <i>Medical Hypotheses</i> , 2020, 144, 110254.	0.8	33
35	Plants derived therapeutic strategies targeting chronic respiratory diseases: Chemical and immunological perspective. <i>Chemico-Biological Interactions</i> , 2020, 325, 109125.	1.7	40
36	Incipient need of targeting airway remodeling using advanced drug delivery in chronic respiratory diseases. <i>Future Medicinal Chemistry</i> , 2020, 12, 873-875.	1.1	15

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37	Anti-bacterial activity of inorganic nanomaterials and their antimicrobial peptide conjugates against resistant and non-resistant pathogens. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119531.	2.6	35
38	Patented therapeutic drug delivery strategies for targeting pulmonary diseases. <i>Expert Opinion on Therapeutic Patents</i> , 2020, 30, 375-387.	2.4	67
39	Cellular signalling pathways mediating the pathogenesis of chronic inflammatory respiratory diseases: an update. <i>Inflammopharmacology</i> , 2020, 28, 795-817.	1.9	65
40	Emerging trends in nanomedicine for topical delivery in skin disorders: Current and translational approaches. <i>Dermatologic Therapy</i> , 2020, 33, e13292.	0.8	16
41	Vesicular drug delivery systems as theranostics in COVID-19. <i>Future Medicinal Chemistry</i> , 2020, 12, 1607-1609.	1.1	19
42	Dietary Crocin is Protective in Pancreatic Cancer while Reducing Radiation-Induced Hepatic Oxidative Damage. <i>Nutrients</i> , 2020, 12, 1901.	1.7	32
43	Immunological axis of berberine in managing inflammation underlying chronic respiratory inflammatory diseases. <i>Chemico-Biological Interactions</i> , 2020, 317, 108947.	1.7	36
44	Nanomedicine advances in cancer therapy. , 2020, , 219-253.		16
45	miRNA nanotherapeutics: potential and challenges in respiratory disorders. <i>Future Medicinal Chemistry</i> , 2020, 12, 987-990.	1.1	17
46	Molecular mechanisms of action of naringenin in chronic airway diseases. <i>European Journal of Pharmacology</i> , 2020, 879, 173139.	1.7	44
47	Targeting neutrophils using novel drug delivery systems in chronic respiratory diseases. <i>Drug Development Research</i> , 2020, 81, 419-436.	1.4	59
48	Oxidative Stress and Immunological Complexities in Multidrug-Resistant Tuberculosis. , 2020, , 107-124.		2
49	Going Beyond Antibiotics: Natural Plant Extracts as an Emergent Strategy to Combat Biofilm-Associated Infections. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2020, 39, 125-136.	0.6	8
50	Applications of Nanocarriers as Drug Delivery Vehicles for Active Phytoconstituents. <i>Current Pharmaceutical Design</i> , 2020, 26, 4580-4590.	0.9	31
51	Advancing of Cellular Signaling Pathways in Respiratory Diseases Using Nanocarrier Based Drug Delivery Systems. <i>Current Pharmaceutical Design</i> , 2020, 26, 5380-5392.	0.9	11
52	MicroRNAs as Biomarker for Breast Cancer. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020, 20, 1597-1610.	0.6	43
53	Curcumin-loaded niosomes downregulate mRNA expression of pro-inflammatory markers involved in asthma: an <i>in vitro</i> study. <i>Nanomedicine</i> , 2020, 15, 2955-2970.	1.7	8
54	Antiproliferative effects of boswellic acid-loaded chitosan nanoparticles on human lung cancer cell line A549. <i>Future Medicinal Chemistry</i> , 2020, 12, 2019-2034.	1.1	49

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55	Sugar-based nanoparticles for respiratory diseases: a new paradigm in the nanoworld. <i>Future Medicinal Chemistry</i> , 2020, 12, 1887-1890.	1.1	9
56	Beyond the Obvious: Smoking and Respiratory Infection Implications on Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020, 19, 698-708.	0.8	10
57	Plant-based drug delivery systems in respiratory diseases. , 2020, , 517-539.		4
58	Role of the Serine/Threonine Kinase 11 (STK11) or Liver Kinase B1 (LKB1) Gene in Peutz-Jeghers Syndrome. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2020, 30, 245-252.	0.4	10
59	Emerging Nanotechnology in Chronic Respiratory Diseases. , 2020, , 449-468.		5
60	Targeting lung cancer using advanced drug delivery systems. , 2020, , 493-516.		4
61	Interferon therapy for preventing COPD exacerbations. <i>EXCLI Journal</i> , 2020, 19, 1477-1480.	0.5	0
62	Targeting interleukins in chronic airway diseases using advanced drug delivery. <i>Future Medicinal Chemistry</i> , 2020, 12, 1805-1807.	1.1	5
63	Dynamics of Prolyl Hydroxylases Levels During Disease Progression in Experimental Colitis. <i>Inflammation</i> , 2019, 42, 2032-2036.	1.7	14
64	The potential of siRNA based drug delivery in respiratory disorders: Recent advances and progress. <i>Drug Development Research</i> , 2019, 80, 714-730.	1.4	85
65	Formulation and characterization of glibenclamide and quercetin-loaded chitosan nanogels targeting skin permeation. <i>Therapeutic Delivery</i> , 2019, 10, 281-293.	1.2	39
66	Preparation, characterization and in-vitro efficacy of quercetin loaded liquid crystalline nanoparticles for the treatment of asthma. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101297.	1.4	27
67	Emerging trends in the novel drug delivery approaches for the treatment of lung cancer. <i>Chemico-Biological Interactions</i> , 2019, 309, 108720.	1.7	253
68	Antibacterial and antioxidant potential of biosynthesized copper nanoparticles mediated through <i>Cissus arnotiana</i> plant extract. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 197, 111531.	1.7	236
69	Oligonucleotide therapy: An emerging focus area for drug delivery in chronic inflammatory respiratory diseases. <i>Chemico-Biological Interactions</i> , 2019, 308, 206-215.	1.7	234
70	Interactions with the macrophages: An emerging targeted approach using novel drug delivery systems in respiratory diseases. <i>Chemico-Biological Interactions</i> , 2019, 304, 10-19.	1.7	84
71	Identification of biomarkers and genetic approaches toward chronic obstructive pulmonary disease. <i>Journal of Cellular Physiology</i> , 2019, 234, 16703-16723.	2.0	35
72	Molecular modulators of celastrol as the keystones for its diverse pharmacological activities. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1785-1792.	2.5	79

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73	Increasing complexity and interactions of oxidative stress in chronic respiratory diseases: An emerging need for novel drug delivery systems. <i>Chemico-Biological Interactions</i> , 2019, 299, 168-178.	1.7	96
74	Therapeutic potential of <i>Artemisia vulgaris</i> : An insight into underlying immunological mechanisms. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2019, 38, 205-216.	0.6	14
75	Recent Developments in Alpha-Glucosidase Inhibitors for Management of Type-2 Diabetes: An Update. <i>Current Pharmaceutical Design</i> , 2019, 25, 2510-2525.	0.9	50
76	Emerging Complexity and the Need for Advanced Drug Delivery in Targeting <i>Candida</i> Species. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 2593-2609.	1.0	24
77	Immunological axis of curcumin-loaded vesicular drug delivery systems. <i>Future Medicinal Chemistry</i> , 2018, 10, 839-844.	1.1	19
78	DEVELOPMENT OF QUALITATIVE PHARMACOGNOSTIC AND HIGH-PERFORMANCE THIN-LAYER CHROMATOGRAPHIC FINGERPRINTING OF MORPHOLOGICAL SIMILAR SPECIES OF GENUS <i>FICUS</i> . <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2018, 11, 444.	0.3	3
79	Multi-drug resistant <i>Mycobacterium tuberculosis</i> & oxidative stress complexity: Emerging need for novel drug delivery approaches. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 1218-1229.	2.5	68
80	Assessing the potential of liposomes loaded with curcumin as a therapeutic intervention in asthma. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 172, 51-59.	2.5	79
81	Simultaneous HPTLC Densitometric Estimation of KBA and AKBA from <i>Boswellia serrata</i> . <i>Current Analytical Chemistry</i> , 2018, 15, 84-91.	0.6	6
82	Gastro retentive drug delivery systems: An overview. <i>Research Journal of Pharmacy and Technology</i> , 2018, 11, 2157.	0.2	11
83	Development and optimization of boswellic acid-loaded proniosomal gel. <i>Drug Delivery</i> , 2016, 23, 3072-3081.	2.5	38
84	Comparison Between HPLC and HPTLC Densitometry for the Determination of 11-keto-Beta-boswellic acid and 3-acetyl-11-keto-Beta-boswellic acid from <i>Boswellia serrata</i> Extract.. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2016, 50, 418-423.	0.3	12
85	Proniosomal Gel: A Promising Drug Carrier for Boswellic Acids. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , 2015, 15, 130-134.	0.0	12
86	Nanotechnologies for Boswellic Acids. <i>American Journal of Drug Discovery and Development</i> , 2013, 4, 1-11.	0.6	23
87	Enzymatic in vitro Anti-diabetic Activity of Few Traditional Indian Medicinal Plants. <i>Journal of Biological Sciences</i> , 2013, 13, 540-544.	0.1	18