

Dinesh K Chellappan

List of Publications by Year in descending order

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Version: 2024-02-01

263
papers

6,326
citations

76326

40
h-index

123424

61
g-index

268
all docs

268
docs citations

268
times ranked

4746
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging trends in the novel drug delivery approaches for the treatment of lung cancer. <i>Chemico-Biological Interactions</i> , 2019, 309, 108720.	4.0	253
2	Antibacterial and antioxidant potential of biosynthesized copper nanoparticles mediated through <i>Cissus annotiana</i> plant extract. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 197, 111531.	3.8	236
3	Oligonucleotide therapy: An emerging focus area for drug delivery in chronic inflammatory respiratory diseases. <i>Chemico-Biological Interactions</i> , 2019, 308, 206-215.	4.0	234
4	Small interfering RNA for cancer treatment: overcoming hurdles in delivery. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 2075-2109.	12.0	116
5	Nuclear factor-kappa B and its role in inflammatory lung disease. <i>Chemico-Biological Interactions</i> , 2021, 345, 109568.	4.0	110
6	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.	4.0	96
7	Evidence of Coronavirus (CoV) Pathogenesis and Emerging Pathogen SARS-CoV-2 in the Nervous System: A Review on Neurological Impairments and Manifestations. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 2192-2209.	2.3	89
8	The potential of siRNA based drug delivery in respiratory disorders: Recent advances and progress. <i>Drug Development Research</i> , 2019, 80, 714-730.	2.9	85
9	Phytochemistry and pharmacological activity of the genus <i>artemisia</i> . <i>Archives of Pharmacal Research</i> , 2021, 44, 439-474.	6.3	85
10	Biomedical applications of metallic nanoparticles in cancer: Current status and future perspectives. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 112951.	5.6	85
11	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.	4.0	84
12	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.	5.0	79
13	Molecular modulators of celastrol as the keystones for its diverse pharmacological activities. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1785-1792.	5.6	79
14	Anti-inflammatory and anticancer activities of Naringenin-loaded liquid crystalline nanoparticles in vitro. <i>Journal of Food Biochemistry</i> , 2021, 45, e13572.	2.9	77
15	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.	3.7	74
16	Microfluidic chips: recent advances, critical strategies in design, applications and future perspectives. <i>Microfluidics and Nanofluidics</i> , 2021, 25, 99.	2.2	73
17	Ethnomedical survey of plants used by the Orang Asli in Kampung Bawong, Perak, West Malaysia. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2010, 6, 5.	2.6	69
18	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.	5.6	68

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19	Emerging landscape in psoriasis management: From topical application to targeting biomolecules. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 707-713.	5.6	68
20	Patented therapeutic drug delivery strategies for targeting pulmonary diseases. <i>Expert Opinion on Therapeutic Patents</i> , 2020, 30, 375-387.	5.0	67
21	Current-status and applications of polysaccharides in drug delivery systems. <i>Colloids and Interface Science Communications</i> , 2021, 42, 100418.	4.1	66
22	Cellular signalling pathways mediating the pathogenesis of chronic inflammatory respiratory diseases: an update. <i>Inflammopharmacology</i> , 2020, 28, 795-817.	3.9	65
23	Protective effect of pioglitazone, a PPAR α agonist against acetaminophen-induced hepatotoxicity in rats. <i>Molecular and Cellular Biochemistry</i> , 2014, 393, 223-228.	3.1	61
24	Targeting neutrophils using novel drug delivery systems in chronic respiratory diseases. <i>Drug Development Research</i> , 2020, 81, 419-436.	2.9	59
25	Gene therapy and type 1 diabetes mellitus. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 1188-1200.	5.6	58
26	Rutin loaded liquid crystalline nanoparticles inhibit non-small cell lung cancer proliferation and migration in vitro. <i>Life Sciences</i> , 2021, 276, 119436.	4.3	58
27	Harnessing amphiphilic polymeric micelles for diagnostic and therapeutic applications: Breakthroughs and bottlenecks. <i>Journal of Controlled Release</i> , 2021, 334, 64-95.	9.9	57
28	Discovering multifaceted role of vanillic acid beyond flavours: Nutraceutical and therapeutic potential. <i>Trends in Food Science and Technology</i> , 2022, 122, 187-200.	15.1	56
29	Emerging era of "osomes" polymersomes as versatile drug delivery carrier for cancer diagnostics and therapy. <i>Drug Delivery and Translational Research</i> , 2020, 10, 1171-1190.	5.8	54
30	An overview of vaccine development for COVID-19. <i>Therapeutic Delivery</i> , 2021, 12, 235-244.	2.2	51
31	Tumor suppressor role of miR-503. <i>Panminerva Medica</i> , 2018, 60, 17-24.	0.8	49
32	Antiproliferative effects of boswellic acid-loaded chitosan nanoparticles on human lung cancer cell line A549. <i>Future Medicinal Chemistry</i> , 2020, 12, 2019-2034.	2.3	49
33	Attitudes and Readiness of Students of Healthcare Professions towards Interprofessional Learning. <i>PLoS ONE</i> , 2017, 12, e0168863.	2.5	48
34	Recent update on anti-dengue drug discovery. <i>European Journal of Medicinal Chemistry</i> , 2019, 176, 431-455.	5.5	46
35	Perspectives and advancements in the design of nanomaterials for targeted cancer theranostics. <i>Chemico-Biological Interactions</i> , 2020, 329, 109221.	4.0	46
36	A clinical update on metformin and lung cancer in diabetic patients. <i>Panminerva Medica</i> , 2018, 60, 70-75.	0.8	45

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37	Molecular mechanisms of action of naringenin in chronic airway diseases. <i>European Journal of Pharmacology</i> , 2020, 879, 173139.	3.5	44
38	The role of pazopanib on tumour angiogenesis and in the management of cancers: A review. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 768-781.	5.6	43
39	MicroRNAs as Biomarker for Breast Cancer. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020, 20, 1597-1610.	1.2	43
40	The role of bevacizumab on tumour angiogenesis and in the management of gynaecological cancers: A review. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 1127-1144.	5.6	42
41	Current therapies and targets for type 2 diabetes mellitus. <i>Panminerva Medica</i> , 2018, 60, 117-131.	0.8	42
42	Rosmarinic acid attenuates inflammation in experimentally induced arthritis in Wistar rats, using Freund's complete adjuvant. <i>International Journal of Rheumatic Diseases</i> , 2019, 22, 1247-1254.	1.9	42
43	Therapeutic Potential of Phytoconstituents in Management of Alzheimer's Disease. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-19.	1.2	41
44	Plants derived therapeutic strategies targeting chronic respiratory diseases: Chemical and immunological perspective. <i>Chemico-Biological Interactions</i> , 2020, 325, 109125.	4.0	40
45	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.	5.3	40
46	Formulation and characterization of glibenclamide and quercetin-loaded chitosan nanogels targeting skin permeation. <i>Therapeutic Delivery</i> , 2019, 10, 281-293.	2.2	39
47	The Protective Action of the Aqueous Extract of <i>Auricularia polytricha</i> in Paracetamol Induced Hepatotoxicity in Rats. <i>Recent Patents on Drug Delivery and Formulation</i> , 2016, 10, 72-76.	2.1	37
48	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.	2.4	36
49	Immunological axis of berberine in managing inflammation underlying chronic respiratory inflammatory diseases. <i>Chemico-Biological Interactions</i> , 2020, 317, 108947.	4.0	36
50	Pharmacological Properties of Bergapten: Mechanistic and Therapeutic Aspects. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-10.	4.0	36
51	Identification of biomarkers and genetic approaches toward chronic obstructive pulmonary disease. <i>Journal of Cellular Physiology</i> , 2019, 234, 16703-16723.	4.1	35
52	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.	5.2	35
53	Advanced drug delivery systems can assist in targeting coronavirus disease (COVID-19): A hypothesis. <i>Medical Hypotheses</i> , 2020, 144, 110254.	1.5	33
54	Recent updates on animal models for understanding the etiopathogenesis of polycystic ovarian syndrome. <i>Life Sciences</i> , 2021, 280, 119753.	4.3	33

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55	Dietary Crocin is Protective in Pancreatic Cancer while Reducing Radiation-Induced Hepatic Oxidative Damage. <i>Nutrients</i> , 2020, 12, 1901.	4.1	32
56	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.	3.4	32
57	Nephrotoxicity in Rats Exposed to Paracetamol: The Protective Role of Morabosteroid, a Steroidal Glycoside. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2017, 36, 113-119.	1.2	31
58	Phyllanthus emblica fruit extract attenuates lipid metabolism in 3T3-L1 adipocytes via activating apoptosis mediated cell death. <i>Phytomedicine</i> , 2020, 66, 153129.	5.3	31
59	<scp>SARS CoV</scp>â€² aggravates cellular metabolism mediated complications in<scp>COVID</scp>â€¹9 infection. <i>Dermatologic Therapy</i> , 2020, 33, e13871.	1.7	31
60	Applications of Nanocarriers as Drug Delivery Vehicles for Active Phytoconstituents. <i>Current Pharmaceutical Design</i> , 2020, 26, 4580-4590.	1.9	31
61	Hibiscus vitifolius (Linn.) root extracts shows potent protective action against anti-tubercular drug induced hepatotoxicity. <i>Journal of Ethnopharmacology</i> , 2012, 141, 396-402.	4.1	30
62	Hepatoprotective activity of morabosteroid, a steroidal glycoside isolated from Morus alba. <i>Oriental Pharmacy and Experimental Medicine</i> , 2014, 14, 285-289.	1.2	29
63	Peroxisome proliferator-activated receptor gamma: promising target in glioblastoma. <i>Panminerva Medica</i> , 2018, 60, 109-116.	0.8	29
64	Interactions between microbiome and lungs: Paving new paths for microbiome based bio-engineered drug delivery systems in chronic respiratory diseases. <i>Chemico-Biological Interactions</i> , 2019, 310, 108732.	4.0	29
65	Bioprospecting Cultivated Tropical Green Algae, <i>Caulerpa racemosa</i> (Forsskal) J. Agardh: A Perspective on Nutritional Properties, Antioxidative Capacity and Anti-Diabetic Potential. <i>Foods</i> , 2020, 9, 1313.	4.3	29
66	Emerging role of nanocarriers based topical delivery of <scp>antiâ€ƒfungal</scp> agents in combating growing fungal infections. <i>Dermatologic Therapy</i> , 2020, 33, e13905.	1.7	29
67	Targeting Cancer using Curcumin Encapsulated Vesicular Drug Delivery Systems. <i>Current Pharmaceutical Design</i> , 2021, 27, 2-14.	1.9	29
68	Role of the Tristetraprolin (Zinc Finger Protein 36 Homolog) Gene in Cancer. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2018, 28, 217-221.	0.9	28
69	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.	3.0	27
70	Nanocarriers: more than tour de force for thymoquinone. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 479-494.	5.0	27
71	<scp>COVID</scp>â€¹9 transmission through host cell directed network of <scp>GPCR</scp>. <i>Drug Development Research</i> , 2020, 81, 647-649.	2.9	27
72	Pharmacological Evaluation of Antidepressant-Like Effect of Genistein and Its Combination with Amitriptyline: An Acute and Chronic Study. <i>Advances in Pharmacological Sciences</i> , 2015, 2015, 1-6.	3.7	26

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73	Nanocarriers for treatment of dermatological diseases: Principle, perspective and practices. <i>European Journal of Pharmacology</i> , 2021, 890, 173691.	3.5	25
74	Versatility of liquid crystalline nanoparticles in inflammatory lung diseases. <i>Nanomedicine</i> , 2021, 16, 1545-1548.	3.3	25
75	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.	2.9	25
76	Self-nanoemulsifying drug delivery system (SNEDDS) mediated improved oral bioavailability of thymoquinone: optimization, characterization, pharmacokinetic, and hepatotoxicity studies. <i>Drug Delivery and Translational Research</i> , 2023, 13, 292-307.	5.8	25
77	Development of mushroom polysaccharide and probiotics based solid self-nanoemulsifying drug delivery system loaded with curcumin and quercetin to improve their dissolution rate and permeability: State of the art. <i>International Journal of Biological Macromolecules</i> , 2021, 189, 744-757.	7.5	24
78	Emerging Complexity and the Need for Advanced Drug Delivery in Targeting Candida Species. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 2593-2609.	2.1	24
79	Nuclear factor-kappa B (NF- κ B) inhibition as a therapeutic target for plant nutraceuticals in mitigating inflammatory lung diseases. <i>Chemico-Biological Interactions</i> , 2022, 354, 109842.	4.0	24
80	Attenuation of Cigarette-Smoke-Induced Oxidative Stress, Senescence, and Inflammation by Berberine-Loaded Liquid Crystalline Nanoparticles: In Vitro Study in 16HBE and RAW264.7 Cells. <i>Antioxidants</i> , 2022, 11, 873.	5.1	24
81	Emerging therapeutic potential of the iridoid molecule, asperuloside: A snapshot of its underlying molecular mechanisms. <i>Chemico-Biological Interactions</i> , 2020, 315, 108911.	4.0	23
82	Overcoming the dissolution rate, gastrointestinal permeability and oral bioavailability of glimepiride and simvastatin co-delivered in the form of nanosuspension and solid self-nanoemulsifying drug delivery system: A comparative study. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 102083.	3.0	23
83	Potential anti-epileptic phytoconstituents: An updated review. <i>Journal of Ethnopharmacology</i> , 2021, 268, 113565.	4.1	22
84	Circadian Rhythm Disruption and Alzheimer's Disease: The Dynamics of a Vicious Cycle. <i>Current Neuropharmacology</i> , 2020, 19, 248-264.	2.9	22
85	Molecular and Immunological Mechanisms Underlying the Various Pharmacological Properties of the Potent Bioflavonoid, Rutin. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020, 20, 1590-1596.	1.2	22
86	Overcoming drug delivery barriers and challenges in topical therapy of atopic dermatitis: A nanotechnological perspective. <i>Biomedicine and Pharmacotherapy</i> , 2022, 147, 112633.	5.6	22
87	Role of Nanoparticles in Environmental Remediation: An Insight into Heavy Metal Pollution from Dentistry. <i>Bioinorganic Chemistry and Applications</i> , 2022, 2022, 1-13.	4.1	22
88	Gut Microbiota Disruption in COVID-19 or Post-COVID Illness Association with severity biomarkers: A Possible Role of Pre / Pro-biotics in manipulating microflora. <i>Chemico-Biological Interactions</i> , 2022, 358, 109898.	4.0	22
89	An Overview of Circular RNAs. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1087, 3-14.	1.6	21
90	Hybrid molecules based on 1,3,5-triazine as potential therapeutics: A focused review. <i>Drug Development Research</i> , 2020, 81, 837-858.	2.9	21

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91	Effects of curcumin-loaded poly(lactic-co-glycolic acid) nanoparticles in MDA-MB231 human breast cancer cells. <i>Nanomedicine</i> , 2021, 16, 1763-1773.	3.3	21
92	Recent trends of NF κ B decoy oligodeoxynucleotide-based nanotherapeutics in lung diseases. <i>Journal of Controlled Release</i> , 2021, 337, 629-644.	9.9	21
93	Metformin: A Salutary Candidate for Colorectal Cancer Treatment in Patients with Diabetes. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2019, 38, 133-141.	1.2	21
94	Protein and peptide delivery to lungs by using advanced targeted drug delivery. <i>Chemico-Biological Interactions</i> , 2022, 351, 109706.	4.0	21
95	Nutraceuticals: unlocking newer paradigms in the mitigation of inflammatory lung diseases. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 3302-3332.	10.3	21
96	Advances in designing of polymeric micelles for biomedical application in brain related diseases. <i>Chemico-Biological Interactions</i> , 2022, 361, 109960.	4.0	21
97	Hypoxia-Inducible Factor (HIF): Fuel for Cancer Progression. <i>Current Molecular Pharmacology</i> , 2021, 14, 321-332.	1.5	20
98	Pharmacological Evaluation of the Recuperative Effect of Morusin Against Aluminium Trichloride (AlCl ₃)-Induced Memory Impairment in Rats. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2017, 17, 196-200.	1.1	20
99	Immunological axis of curcumin-loaded vesicular drug delivery systems. <i>Future Medicinal Chemistry</i> , 2018, 10, 839-844.	2.3	19
100	Combinational effect of angiotensin receptor blocker and folic acid therapy on uric acid and creatinine level in hyperhomocysteinemia-associated hypertension. <i>Biotechnology and Applied Biochemistry</i> , 2019, 66, 715-719.	3.1	19
101	Advanced drug delivery systems can assist in managing influenza virus infection: A hypothesis. <i>Medical Hypotheses</i> , 2020, 144, 110298.	1.5	19
102	Vesicular drug delivery systems as theranostics in COVID-19. <i>Future Medicinal Chemistry</i> , 2020, 12, 1607-1609.	2.3	19
103	Actions and Therapeutic Potential of Madecassoside and Other Major Constituents of <i>Centella asiatica</i> : A Review. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8475.	2.5	19
104	Alzheimer's disease-like perturbations in HIV-mediated neuronal dysfunctions: understanding mechanisms and developing therapeutic strategies. <i>Open Biology</i> , 2020, 10, 200286.	3.6	19
105	Nucleic Acid Aptamers as a Potential Nucleus Targeted Drug Delivery System. <i>Current Drug Delivery</i> , 2020, 17, 101-111.	1.6	19
106	Targeting microRNAs using nanotechnology in pulmonary diseases. <i>Panminerva Medica</i> , 2018, 60, 230-231.	0.8	19
107	The science of matcha: Bioactive compounds, analytical techniques and biological properties. <i>Trends in Food Science and Technology</i> , 2021, 118, 735-743.	15.1	19
108	3D-printing: an emerging and a revolutionary technology in pharmaceuticals. <i>Panminerva Medica</i> , 2018, 60, 170-173.	0.8	18

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109	Potentialities of aptasensors in cancer diagnosis. <i>Materials Letters</i> , 2022, 308, 131240.	2.6	18
110	A new era in oxygen therapeutics? From perfluorocarbon systems to haemoglobin-based oxygen carriers. <i>Blood Reviews</i> , 2022, 54, 100927.	5.7	18
111	Role of Brain-Gut-Microbiota Axis in Depression: Emerging Therapeutic Avenues. <i>CNS and Neurological Disorders - Drug Targets</i> , 2023, 22, 276-288.	1.4	18
112	Current Status on Immunological Therapies for Type 1 Diabetes Mellitus. <i>Current Diabetes Reports</i> , 2019, 19, 22.	4.2	17
113	Beta-catenin non-canonical pathway: A potential target for inflammatory and hyperproliferative state via expression of transglutaminase 2 in psoriatic skin keratinocyte. <i>Dermatologic Therapy</i> , 2020, 33, e14209.	1.7	17
114	miRNA nanotherapeutics: potential and challenges in respiratory disorders. <i>Future Medicinal Chemistry</i> , 2020, 12, 987-990.	2.3	17
115	Alleviation of diabetic nephropathy by zinc oxide nanoparticles in streptozotocin-induced type 1 diabetes in rats. <i>IET Nanobiotechnology</i> , 2021, 15, 473-483.	3.8	17
116	Synthesis and Anticancer Properties of Azole Based Chemotherapeutics as Emerging Chemical Moieties: A Comprehensive Review. <i>Current Organic Chemistry</i> , 2021, 25, 654-668.	1.6	17
117	Middle East Respiratory Syndrome (MERS) Virus Pathophysiological Axis and the Current Treatment Strategies. <i>AAPS PharmSciTech</i> , 2021, 22, 173.	3.3	17
118	Adenosine Receptors in Modulation of Central Nervous System Disorders. <i>Current Pharmaceutical Design</i> , 2019, 25, 2808-2827.	1.9	17
119	Nanotechnology and Diabetic Wound Healing: A Review. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2017, 17, 87 - 95.	1.2	17
120	Genetic associated complications of type 2 diabetes mellitus. <i>Panminerva Medica</i> , 2022, 64, .	0.8	17
121	Emerging trends in nanomedicine for topical delivery in skin disorders: Current and translational approaches. <i>Dermatologic Therapy</i> , 2020, 33, e13292.	1.7	16
122	Targeting respiratory diseases using miRNA inhibitor based nanotherapeutics: Current status and future perspectives. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 31, 102303.	3.3	16
123	Targeting eosinophils in respiratory diseases: Biological axis, emerging therapeutics and treatment modalities. <i>Life Sciences</i> , 2021, 267, 118973.	4.3	16
124	Rutin-loaded liquid crystalline nanoparticles attenuate oxidative stress in bronchial epithelial cells: a PCR validation. <i>Future Medicinal Chemistry</i> , 2021, 13, 543-549.	2.3	16
125	A novel nano therapeutic using convalescent plasma derived exosomal (CPExo) for COVID-19: A combined hyperactive immune modulation and diagnostics. <i>Chemico-Biological Interactions</i> , 2021, 344, 109497.	4.0	16
126	Recent Advances in Chronotherapy Targeting Respiratory Diseases. <i>Pharmaceutics</i> , 2021, 13, 2008.	4.5	16

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127	Evaluation of the Cytotoxic Activity and Anti-Migratory Effect of Berberine-Phytantriol Liquid Crystalline Nanoparticle Formulation on Non-Small-Cell Lung Cancer In Vitro. <i>Pharmaceutics</i> , 2022, 14, 1119.	4.5	16
128	The Therapeutic Potential of the Labdane Diterpenoid Forskolin. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4089.	2.5	15
129	Incipient need of targeting airway remodeling using advanced drug delivery in chronic respiratory diseases. <i>Future Medicinal Chemistry</i> , 2020, 12, 873-875.	2.3	15
130	Monotherapy of RAAS blockers and mobilization of aldosterone: A mechanistic perspective study in kidney disease. <i>Chemico-Biological Interactions</i> , 2020, 317, 108975.	4.0	15
131	Current Understanding of Novel Coronavirus: Molecular Pathogenesis, Diagnosis, and Treatment Approaches. <i>Immuno</i> , 2021, 1, 30-66.	1.5	15
132	Combination therapy of vanillic acid and oxaliplatin co-loaded in polysaccharide based functionalized polymeric micelles could offer effective treatment for colon cancer: A hypothesis. <i>Medical Hypotheses</i> , 2021, 156, 110679.	1.5	15
133	Oral Insulin: Current Status, Challenges, and Future Perspectives. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2017, 36, 283-291.	1.2	15
134	Dynamics of Prolyl Hydroxylases Levels During Disease Progression in Experimental Colitis. <i>Inflammation</i> , 2019, 42, 2032-2036.	3.8	14
135	RAAS blockers in hypertension posing a higher risk toward the COVID-19. <i>Dermatologic Therapy</i> , 2020, 33, e13501.	1.7	14
136	The viral capsid as novel nanomaterials for drug delivery. <i>Future Science OA</i> , 2021, 7, FSO744.	1.9	14
137	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.	1.2	14
138	Harnessing the therapeutic potential of fisetin and its nanoparticles: Journey so far and road ahead. <i>Chemico-Biological Interactions</i> , 2022, 356, 109869.	4.0	14
139	Advancements in nano drug delivery systems: a challenge for biofilms in respiratory diseases. <i>Panminerva Medica</i> , 2018, 60, 35-36.	0.8	13
140	COVID-19: Underpinning Research for Detection, Therapeutics, and Vaccines Development. <i>Pharmaceutical Nanotechnology</i> , 2020, 8, 323-353.	1.5	13
141	Unravelling the molecular mechanisms underlying chronic respiratory diseases for the development of novel therapeutics via in vitro experimental models. <i>European Journal of Pharmacology</i> , 2022, 919, 174821.	3.5	13
142	Central composite designed formulation, characterization and in vitro cytotoxic effect of erlotinib loaded chitosan nanoparticulate system. <i>International Journal of Biological Macromolecules</i> , 2019, 141, 596-610.	7.5	12
143	Molecular signaling of G-protein-coupled receptor in chronic heart failure and associated complications. <i>Drug Development Research</i> , 2020, 81, 23-31.	2.9	12
144	The FBXW7-NOTCH interactome: A ubiquitin proteasomal system-induced crosstalk modulating oncogenic transformation in human tissues. <i>Cancer Reports</i> , 2021, 4, e1369.	1.4	12

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145	Interleukin-13: A pivotal target against influenza-induced exacerbation of chronic lung diseases. <i>Life Sciences</i> , 2021, 283, 119871.	4.3	12
146	Anticonvulsant effect of liraglutide, GLP-1 agonist by averting a change in GABA and brain glutathione level on picrotoxin-induced seizures. <i>EXCLI Journal</i> , 2017, 16, 752-754.	0.7	12
147	Preparation and Evaluation of Gefitinib Containing Nanoliposomal Formulation for Lung Cancer Therapy. <i>BioNanoScience</i> , 2022, 12, 241-255.	3.5	12
148	Recent Progress in Development of Dressings Used for Diabetic Wounds with Special Emphasis on Scaffolds. <i>BioMed Research International</i> , 2022, 2022, 1-43.	1.9	12
149	Emerging cases of mucormycosis under COVID-19 pandemic in India: Misuse of antibiotics. <i>Drug Development Research</i> , 2021, 82, 880-882.	2.9	11
150	Revolutionizing polymer-based nanoparticle-linked vaccines for targeting respiratory viruses: A perspective. <i>Life Sciences</i> , 2021, 280, 119744.	4.3	11
151	Advancing of Cellular Signaling Pathways in Respiratory Diseases Using Nanocarrier Based Drug Delivery Systems. <i>Current Pharmaceutical Design</i> , 2020, 26, 5380-5392.	1.9	11
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