

Dinesh K Chellappan

List of Publications by Year in descending order

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Version: 2024-02-01

263
papers

6,326
citations

87401

40
h-index

139680

61
g-index

268
all docs

268
docs citations

268
times ranked

5122
citing authors

#	ARTICLE	IF	CITATIONS
1	Nutraceuticals: unlocking newer paradigms in the mitigation of inflammatory lung diseases. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 3302-3332.	5.4	21
2	Recent Trends in Rationally Designed Molecules as Kinase Inhibitors. <i>Current Medicinal Chemistry</i> , 2023, 30, 1529-1567.	1.2	4
3	Role of Brain-Gut-Microbiota Axis in Depression: Emerging Therapeutic Avenues. <i>CNS and Neurological Disorders - Drug Targets</i> , 2023, 22, 276-288.	0.8	18
4	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.	3.0	25
5	Treatment of chronic airway diseases using nutraceuticals: Mechanistic insight. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 7576-7590.	5.4	9
6	Genetic associated complications of type 2 diabetes mellitus. <i>Panminerva Medica</i> , 2022, 64, .	0.2	17
7	Protein and peptide delivery to lungs by using advanced targeted drug delivery. <i>Chemico-Biological Interactions</i> , 2022, 351, 109706.	1.7	21
8	Potentialities of aptasensors in cancer diagnosis. <i>Materials Letters</i> , 2022, 308, 131240.	1.3	18
9	Hydrogel composite containing azelaic acid and tea tree essential oil as a therapeutic strategy for Propionibacterium and testosterone-induced acne. <i>Drug Delivery and Translational Research</i> , 2022, 12, 2501-2517.	3.0	9
10	Advancements in nanotherapeutics targeting senescence in chronic obstructive pulmonary disease. <i>Nanomedicine</i> , 2022, 17, 1757-1760.	1.7	11
11	Nature bioinspired and engineered nanomaterials. , 2022, , 31-58.		4
12	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
13	Studies on Synthesis and Characterization of Fe ₃ O ₄ @SiO ₂ @Ru Hybrid Magnetic Composites for Reusable Photocatalytic Application. <i>Adsorption Science and Technology</i> , 2022, 2022, .	1.5	9
14	Biological databases and tools for neurological disorders. <i>Journal of Integrative Neuroscience</i> , 2022, 21, 041.	0.8	2
15	Preparation and Evaluation of Gefitinib Containing Nanoliposomal Formulation for Lung Cancer Therapy. <i>BioNanoScience</i> , 2022, 12, 241-255.	1.5	12
16	Gastric ulcer healing by chebulinic acid solid dispersion-loaded gastroretentive raft systems: preclinical evidence. <i>Therapeutic Delivery</i> , 2022, 13, 81-93.	1.2	3
17	A new era in oxygen therapeutics? From perfluorocarbon systems to haemoglobin-based oxygen carriers. <i>Blood Reviews</i> , 2022, 54, 100927.	2.8	18
18	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.	1.7	24

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19	Overcoming drug delivery barriers and challenges in topical therapy of atopic dermatitis: A nanotechnological perspective. <i>Biomedicine and Pharmacotherapy</i> , 2022, 147, 112633.	2.5	22
20	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.	1.7	13
21	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
22	Expanding arsenal against diabetes mellitus through nanoformulations loaded with glimepiride and simvastatin: A comparative study. <i>Environmental Science and Pollution Research</i> , 2022, 29, 51976-51988.	2.7	6
23	Role of Nanoparticles in Environmental Remediation: An Insight into Heavy Metal Pollution from Dentistry. <i>Bioinorganic Chemistry and Applications</i> , 2022, 2022, 1-13.	1.8	22
24	Harnessing the therapeutic potential of fisetin and its nanoparticles: Journey so far and road ahead. <i>Chemico-Biological Interactions</i> , 2022, 356, 109869.	1.7	14
25	Discovering multifaceted role of vanillic acid beyond flavours: Nutraceutical and therapeutic potential. <i>Trends in Food Science and Technology</i> , 2022, 122, 187-200.	7.8	56
26	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.	1.7	22
27	Journey of <i>Alpinia galanga</i> from kitchen spice to nutraceutical to folk medicine to nanomedicine. <i>Journal of Ethnopharmacology</i> , 2022, 291, 115144.	2.0	10
28	Overcoming hydrolytic degradation challenges in topical delivery: non-aqueous nano-emulsions. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 23-45.	2.4	6
29	Managing Apoptosis in Lung Diseases using Nano-assisted Drug Delivery System. <i>Current Pharmaceutical Design</i> , 2022, 28, 3202-3211.	0.9	7
30	Biomedical applications of metallic nanoparticles in cancer: Current status and future perspectives. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 112951.	2.5	85
31	Exosomal mediated signal transduction through artificial microRNA (amiRNA): A potential target for inhibition of SARS-CoV-2. <i>Cellular Signalling</i> , 2022, 95, 110334.	1.7	8
32	Pharmacological Properties of Bergapten: Mechanistic and Therapeutic Aspects. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-10.	1.9	36
33	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.	2.2	24
34	Emerging Paradigms in Bioengineering the Lungs. <i>Bioengineering</i> , 2022, 9, 195.	1.6	4
35	Rediscovering the Therapeutic Potential of Agarwood in the Management of Chronic Inflammatory Diseases. <i>Molecules</i> , 2022, 27, 3038.	1.7	11
36	Chronic Light-Distorted Glutamate-Cortisol Signaling, Behavioral and Histological Markers, and Induced Oxidative Stress and Dementia: An Amelioration by Melatonin. <i>ACS Chemical Neuroscience</i> , 2022, , .	1.7	0

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37	Advances in designing of polymeric micelles for biomedical application in brain related diseases. <i>Chemico-Biological Interactions</i> , 2022, 361, 109960.	1.7	21
38	A sojourn into therapeutic and nutraceutical potential of curcumin and its novel drug delivery system: Current achievements and future perspectives. <i>South African Journal of Botany</i> , 2022, 149, 944-962.	1.2	2
39	Drug repurposing: An emerging strategy in alleviating skin cancer. <i>European Journal of Pharmacology</i> , 2022, 926, 175031.	1.7	5
40	Nanoemulsion and Encapsulation Strategy of Hydrophobic Oregano Essential Oil Increased Human Prostate Cancer Cell Death via Apoptosis by Attenuating Lipid Metabolism. <i>Bioinorganic Chemistry and Applications</i> , 2022, 2022, 1-11.	1.8	9
41	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.	2.0	16
42	RP-HPLC method development and validation for simultaneous estimation of mesalamine and curcumin in bulk form as well as nanostructured lipid carriers. <i>South African Journal of Botany</i> , 2022, 151, 529-537.	1.2	9
43	Autoantibodies and autoimmune disorders in SARS-CoV-2 infection: pathogenicity and immune regulation. <i>Environmental Science and Pollution Research</i> , 2022, 29, 54072-54087.	2.7	11
44	Biomedical Applications of polymeric micelles in the treatment of diabetes mellitus: Current success and future approaches. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 771-793.	2.4	4
45	Advances and applications of monoolein as a novel nanomaterial in mitigating chronic lung diseases. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 74, 103541.	1.4	7
46	Recent Progress in Development of Dressings Used for Diabetic Wounds with Special Emphasis on Scaffolds. <i>BioMed Research International</i> , 2022, 2022, 1-43.	0.9	12
47	Nutraceuticals and mitochondrial oxidative stress: bridging the gap in the management of bronchial asthma. <i>Environmental Science and Pollution Research</i> , 2022, 29, 62733-62754.	2.7	11
48	Special focus issue on targeted drug delivery for inflammatory lung diseases. <i>Nanomedicine</i> , 2022, 17, 813-815.	1.7	2
49	Advances and applications of dextran-based nanomaterials targeting inflammatory respiratory diseases. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 74, 103598.	1.4	9
50	Expanding arsenal against diabetic wounds using nanomedicines and nanomaterials: Success so far and bottlenecks. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 74, 103534.	1.4	4
51	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
52	Emerging concepts and directed therapeutics for the management of asthma: regulating the regulators. <i>Inflammopharmacology</i> , 2021, 29, 15-33.	1.9	8
53	Genus <i>Blepharis</i> (Acanthaceae): A review of ethnomedicinally used species, and their phytochemistry and pharmacological activities. <i>Journal of Ethnopharmacology</i> , 2021, 265, 113255.	2.0	9
54	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

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55	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
56	Potential anti-epileptic phytoconstituents: An updated review. <i>Journal of Ethnopharmacology</i> , 2021, 268, 113565.	2.0	22
57	Nanocarriers for treatment of dermatological diseases: Principle, perspective and practices. <i>European Journal of Pharmacology</i> , 2021, 890, 173691.	1.7	25
58	Identification of Phytoconstituents of <i>Tragia Involucrata</i> leaf Extracts and Evaluate their Correlation with Anti-inflammatory & Antioxidant Properties. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2021, 20, 308-315.	1.1	5
59	Novel Controlled Release Pulmonary Drug Delivery Systems: Current updates and Challenges. , 2021, , 253-272.		4
60	Targeting siRNAs in cancer drug delivery. , 2021, , 447-460.		3
61	Introduction to Chronic Respiratory Diseases: A Pressing Need for Novel Therapeutic Approaches. , 2021, , 47-84.		2
62	Human Genetic Variation Influences Enteric Fever Progression. <i>Cells</i> , 2021, 10, 345.	1.8	2
63	Targeting Cancer using Curcumin Encapsulated Vesicular Drug Delivery Systems. <i>Current Pharmaceutical Design</i> , 2021, 27, 2-14.	0.9	29
64	Targeting eosinophils in respiratory diseases: Biological axis, emerging therapeutics and treatment modalities. <i>Life Sciences</i> , 2021, 267, 118973.	2.0	16
65	Current Understanding of Novel Coronavirus: Molecular Pathogenesis, Diagnosis, and Treatment Approaches. <i>Immuno</i> , 2021, 1, 30-66.	0.6	15
66	Drug delivery advances in mitigating inflammation via matrix metalloproteinases in respiratory diseases. <i>Nanomedicine</i> , 2021, 16, 437-439.	1.7	5
67	Calcium sensing receptor hyperactivation through viral envelop protein E of <sc>SARS CoV2</sc>: A novel target for cardio-renal damage in <sc>COVID</sc>-19 infection. <i>Drug Development Research</i> , 2021, 82, 784-788.	1.4	7
68	Alleviation of diabetic nephropathy by zinc oxide nanoparticles in streptozotocin-induced type 1 diabetes in rats. <i>IET Nanobiotechnology</i> , 2021, 15, 473-483.	1.9	17
69	An overview of vaccine development for COVID-19. <i>Therapeutic Delivery</i> , 2021, 12, 235-244.	1.2	51
70	Synthesis and Anticancer Properties of Azole™ Based Chemotherapeutics as Emerging Chemical Moieties: A Comprehensive Review. <i>Current Organic Chemistry</i> , 2021, 25, 654-668.	0.9	17
71	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
72	Asperuloside Enhances Taste Perception and Prevents Weight Gain in High-Fat Fed Mice. <i>Frontiers in Endocrinology</i> , 2021, 12, 615446.	1.5	8

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73	The <sc>FBXW7</sc>â€”NOTCH interactome</sc>: A ubiquitin proteasomal systemâ€”induced crosstalk modulating oncogenic transformation in human tissues. <i>Cancer Reports</i> , 2021, 4, e1369.	0.6	12
74	Applications and practice of advanced drug delivery systems for targeting Toll-like receptors in pulmonary diseases. <i>Nanomedicine</i> , 2021, 16, 783-786.	1.7	7
75	Phytochemistry and pharmacological activity of the genus artemisia. <i>Archives of Pharmacal Research</i> , 2021, 44, 439-474.	2.7	85
76	Oral Nanoemulsion of Fenofibrate: Formulation, Characterization, and <i>In Vitro</i> Drug Release Studies. <i>Assay and Drug Development Technologies</i> , 2021, 19, 246-261.	0.6	6
77	Current-status and applications of polysaccharides in drug delivery systems. <i>Colloids and Interface Science Communications</i> , 2021, 42, 100418.	2.0	66
78	Harnessing amphiphilic polymeric micelles for diagnostic and therapeutic applications: Breakthroughs and bottlenecks. <i>Journal of Controlled Release</i> , 2021, 334, 64-95.	4.8	57
79	Middle East Respiratory Syndrome (MERS) Virusâ€”Pathophysiological Axis and the Current Treatment Strategies. <i>AAPS PharmSciTech</i> , 2021, 22, 173.	1.5	17
80	Therapeutic Potential of Phytoconstituents in Management of Alzheimerâ€™s Disease. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-19.	0.5	41
81	Advanced drug delivery systems targeting NF-Î²B in respiratory diseases. <i>Future Medicinal Chemistry</i> , 2021, 13, 1087-1090.	1.1	7
82	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
83	Advances in nanotechnology-based drug delivery in targeting PI3K signaling in respiratory diseases. <i>Nanomedicine</i> , 2021, 16, 1351-1355.	1.7	5
84	An Appraisal of the Current Scenario in Vaccine Research for COVID-19. <i>Viruses</i> , 2021, 13, 1397.	1.5	6
85	Pharmaceutical Aspects of Green Synthesized Silver Nanoparticles: A Boon to Cancer Treatment. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, 1490-1509.	0.9	10
86	Emerging cases of mucormycosis under <sc>COVID</sc>â€”19 pandemic in India: Misuse of antibiotics. <i>Drug Development Research</i> , 2021, 82, 880-882.	1.4	11
87	Bracing NK cell based therapy to relegate pulmonary inflammation in COVID-19. <i>Heliyon</i> , 2021, 7, e07635.	1.4	9
88	Exploring role of polysaccharides present in Ganoderma lucidium extract powder and probiotics as solid carriers in development of liquisolid formulation loaded with quercetin: A novel study. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 1630-1639.	3.6	7
89	The viral capsid as novel nanomaterials for drug delivery. <i>Future Science OA</i> , 2021, 7, FSO744.	0.9	14
90	Overview of key molecular and pharmacological targets for diabetes and associated diseases. <i>Life Sciences</i> , 2021, 278, 119632.	2.0	6

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91	Harnessing the Potential of CRISPR/Cas in Atherosclerosis: Disease Modeling and Therapeutic Applications. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8422.	1.8	7
92	Hypoxia-Inducible Factor (HIF): Fuel for Cancer Progression. <i>Current Molecular Pharmacology</i> , 2021, 14, 321-332.	0.7	20
93	Mitochondrial dysfunctions associated with chronic respiratory diseases and their targeted therapies: an update. <i>Future Medicinal Chemistry</i> , 2021, 13, 1249-1251.	1.1	9
94	Versatility of liquid crystalline nanoparticles in inflammatory lung diseases. <i>Nanomedicine</i> , 2021, 16, 1545-1548.	1.7	25
95	Current trends on resveratrol bioactivities to treat periodontitis. <i>Food Bioscience</i> , 2021, 42, 101205.	2.0	4
96	Nutritional Profile, Antioxidative and Antihyperglycemic Properties of <i>Padina tetrastratica</i> from Tioman Island, Malaysia. <i>Foods</i> , 2021, 10, 1932.	1.9	7
97	Nuclear factor-kappa B and its role in inflammatory lung disease. <i>Chemico-Biological Interactions</i> , 2021, 345, 109568.	1.7	110
98	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.	1.7	16
99	In vitro evaluation of the involvement of Nrf2 in maslinic acid-mediated anti-inflammatory effects in atheroma pathogenesis. <i>Life Sciences</i> , 2021, 278, 119658.	2.0	2
100	Effects of curcumin-loaded poly(lactic-co-glycolic acid) nanoparticles in MDA-MB231 human breast cancer cells. <i>Nanomedicine</i> , 2021, 16, 1763-1773.	1.7	21
101	Advanced drug delivery approaches in managing TGF- β -mediated remodeling in lung diseases. <i>Nanomedicine</i> , 2021, 16, 2243-2247.	1.7	3
102	Recent updates on animal models for understanding the etiopathogenesis of polycystic ovarian syndrome. <i>Life Sciences</i> , 2021, 280, 119753.	2.0	33
103	Revolutionizing polymer-based nanoparticle-linked vaccines for targeting respiratory viruses: A perspective. <i>Life Sciences</i> , 2021, 280, 119744.	2.0	11
104	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
105	Advances in pulmonary drug delivery targeting microbial biofilms in respiratory diseases. <i>Nanomedicine</i> , 2021, 16, 1905-1923.	1.7	10
106	A global comparison of implementation and effectiveness of materiovigilance program: overview of regulations. <i>Environmental Science and Pollution Research</i> , 2021, 28, 59608-59629.	2.7	5
107	A Potential MRI Agent and an Anticancer Drug Encapsulated within CPMV Virus-Like Particles. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, 1557-1571.	0.6	9
108	Characterisation of Bacterial Isolates from Infected Post-Operative Patients in a Malaysian Tertiary Heart Care Centre. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9828.	1.2	0

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109	Actions and Therapeutic Potential of Madecassoside and Other Major Constituents of Centella asiatica: A Review. Applied Sciences (Switzerland), 2021, 11, 8475.	1.3	19
110	Interleukin-13: A pivotal target against influenza-induced exacerbation of chronic lung diseases. Life Sciences, 2021, 283, 119871.	2.0	12
111	Targeting LIN28: a new hope in prostate cancer theranostics. Future Oncology, 2021, 17, 3873-3880.	1.1	6
112	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. International Journal of Biological Macromolecules, 2021, 189, 744-757.	3.6	24
113	Combination therapy of vanillic acid and oxaliplatin co-loaded in polysaccharide based functionalized polymeric micelles could offer effective treatment for colon cancer: A hypothesis. Medical Hypotheses, 2021, 156, 110679.	0.8	15
114	Inhaled nano-based therapeutics for inflammatory lung diseases: Recent advances and future prospects. Life Sciences, 2021, 285, 119969.	2.0	10
115	Natural products in the management of obesity: Fundamental mechanisms and pharmacotherapy. South African Journal of Botany, 2021, 143, 176-197.	1.2	4
116	Plant-Based Chemical Moieties for Targeting Chronic Respiratory Diseases. , 2021, , 741-781.		3
117	Evidence of Coronavirus (CoV) Pathogenesis and Emerging Pathogen SARS-CoV-2 in the Nervous System: A Review on Neurological Impairments and Manifestations. Journal of Molecular Neuroscience, 2021, 71, 2192-2209.	1.1	89
118	Microfluidic chips: recent advances, critical strategies in design, applications and future perspectives. Microfluidics and Nanofluidics, 2021, 25, 99.	1.0	73
119	Applications of drug-delivery systems targeting inflammasomes in pulmonary diseases. Nanomedicine, 2021, 16, 2407-2410.	1.7	8
120	The science of matcha: Bioactive compounds, analytical techniques and biological properties. Trends in Food Science and Technology, 2021, 118, 735-743.	7.8	19
121	Can dextran-based nanoparticles mitigate inflammatory lung diseases?. Future Medicinal Chemistry, 2021, 13, 2027-2031.	1.1	4
122	Berberine loaded liquid crystalline nanostructure inhibits cancer progression in adenocarcinomic human alveolar basal epithelial cells in vitro. Journal of Food Biochemistry, 2021, 45, e13954.	1.2	25
123	Bioactive Compounds from Zingiber montanum and Their Pharmacological Activities with Focus on Zerumbone. Applied Sciences (Switzerland), 2021, 11, 10205.	1.3	10
124	Nanosuspensions - An Update on Recent Patents, Methods of Preparation, and Evaluation Parameters. Recent Patents on Nanotechnology, 2021, 15, 351-366.	0.7	5
125	Opening eyes to therapeutic perspectives of bioactive polyphenols and their nanoformulations against diabetic neuropathy and related complications. Expert Opinion on Drug Delivery, 2021, 18, 427-448.	2.4	7
126	Induction of Caspase-Mediated Apoptosis in HepG2 Liver Carcinoma Cells Using Mutagenic Antioxidant Conjugated Self-Assembled Novel Carbazole Nanoparticles and In Silico Modeling Studies. ACS Omega, 2021, 6, 265-277.	1.6	11

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127	COVID-19 in underlying COPD Patients. EXCLI Journal, 2021, 20, 248-251.	0.5	2
128	Activation of TWEAK/Fn14 signaling suppresses TRAFs/NF- κ B pathway in the pathogenesis of cancer. EXCLI Journal, 2021, 20, 232-235.	0.5	5
129	Recent update on barbiturate in relation to brain disorder. EXCLI Journal, 2021, 20, 1028-1032.	0.5	1
130	Female gender as a risk factor for developing COPD. EXCLI Journal, 2021, 20, 1290-1293.	0.5	0
131	Azelaic acid and Melaleuca alternifolia essential oil co-loaded vesicular carrier for combinational therapy of acne. Therapeutic Delivery, 2021, , .	1.2	7
132	Recent Advances in Chronotherapy Targeting Respiratory Diseases. Pharmaceutics, 2021, 13, 2008.	2.0	16
133	Acacia catechu seed extract provokes cytotoxicity via apoptosis by intrinsic pathway in HepG2 cells. Environmental Toxicology, 2021, , .	2.1	4
134	Bacterial biofilms associated skin disorders: Pathogenesis, advanced pharmacotherapy and nanotechnology-based drug delivery systems as a treatment approach. Life Sciences, 2021, 287, 120148.	2.0	11
135	Nanomaterials in Alzheimer's disease treatment: a comprehensive review. Frontiers in Bioscience, 2021, 26, 851.	0.8	9
136	Phyllanthus emblica fruit extract attenuates lipid metabolism in 3T3-L1 adipocytes via activating apoptosis mediated cell death. Phytomedicine, 2020, 66, 153129.	2.3	31
137	Albumin Nano-Encapsulation of Piceatannol Enhances Its Anticancer Potential in Colon Cancer Via Downregulation of Nuclear p65 and HIF-1 α . Cancers, 2020, 12, 113.	1.7	74
138	Molecular signaling of G-protein-coupled receptor in chronic heart failure and associated complications. Drug Development Research, 2020, 81, 23-31.	1.4	12
139	Emerging therapeutic potential of the iridoid molecule, asperuloside: A snapshot of its underlying molecular mechanisms. Chemico-Biological Interactions, 2020, 315, 108911.	1.7	23
140	Small interfering RNA for cancer treatment: overcoming hurdles in delivery. Acta Pharmaceutica Sinica B, 2020, 10, 2075-2109.	5.7	116
141	Advanced drug delivery systems can assist in managing influenza virus infection: A hypothesis. Medical Hypotheses, 2020, 144, 110298.	0.8	19
142	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. Journal of Drug Delivery Science and Technology, 2020, 60, 102083.	1.4	23
143	Perspectives and advancements in the design of nanomaterials for targeted cancer theranostics. Chemico-Biological Interactions, 2020, 329, 109221.	1.7	46
144	Rutin loaded liquid crystalline nanoparticles inhibit lipopolysaccharide induced oxidative stress and apoptosis in bronchial epithelial cells in vitro. Toxicology in Vitro, 2020, 68, 104961.	1.1	36

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145	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
146	Probing <scp>3CL</scp> protease: Rationally designed chemical moieties for <scp>COVID</scp>â€19. <i>Drug Development Research</i> , 2020, 81, 911-918.	1.4	10
147	Factors affecting the morphology of some organic and inorganic nanostructures for drug delivery: characterization, modifications, and toxicological perspectives. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 1737-1765.	2.4	5
148	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.	1.9	29
149	Advanced drug delivery systems can assist in targeting coronavirus disease (COVID-19): A hypothesis. <i>Medical Hypotheses</i> , 2020, 144, 110254.	0.8	33
150	Betaâ€catenin nonâ€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.	0.8	17
151	<scp>RAAS</scp> blockers in hypertension posing a higher risk toward the <scp>COVID</scp> â€19. <i>Dermatologic Therapy</i> , 2020, 33, e13501.	0.8	14
152	Plants derived therapeutic strategies targeting chronic respiratory diseases: Chemical and immunological perspective. <i>Chemico-Biological Interactions</i> , 2020, 325, 109125.	1.7	40
153	Emerging dermatological symptoms in coronavirus pandemic. <i>Journal of Cosmetic Dermatology</i> , 2020, 19, 2447-2448.	0.8	8
154	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
155	Hybrid molecules based on 1,3,5â€triazine as potential therapeutics: A focused review. <i>Drug Development Research</i> , 2020, 81, 837-858.	1.4	21
156	Emerging era of â€osomesâ€ polymersomes as versatile drug delivery carrier for cancer diagnostics and therapy. <i>Drug Delivery and Translational Research</i> , 2020, 10, 1171-1190.	3.0	54
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