

# Murtaza M Tambuwala

## List of Publications by Year in descending order

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Version: 2024-02-01

201  
papers

6,031  
citations

94269

37  
h-index

102304

66  
g-index

233  
all docs

233  
docs citations

233  
times ranked

6858  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Anticancer Activity of Novel Plant Extracts and Compounds from <i>Curcuma longa</i> in Hepatocellular Carcinoma. <i>Journal of Gastrointestinal Cancer</i> , 2023, 54, 368-390.	0.6	10
2	Biomedical applications of three-dimensional bioprinted craniofacial tissue engineering. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	3.9	16
3	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
4	Periodically aperiodic pattern of SARS-CoV-2 mutations underpins the uncertainty of its origin and evolution. <i>Environmental Research</i> , 2022, 204, 112092.	3.7	4
5	Fourth-generation glucose sensors composed of copper nanostructures for diabetes management: A critical review. <i>Bioengineering and Translational Medicine</i> , 2022, 7, e10248.	3.9	32
6	Immuno-informatics analysis predicts B and T cell consensus epitopes for designing peptide vaccine against SARS-CoV-2 with 99.82% global population coverage. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	5
7	Hydrogel composite containing azelaic acid and tea tree essential oil as a therapeutic strategy for <i>Propionibacterium</i> and testosterone-induced acne. <i>Drug Delivery and Translational Research</i> , 2022, 12, 2501-2517.	3.0	9
8	Molecular nanoinformatics approach assessing the biocompatibility of biogenic silver nanoparticles with channelized intrinsic steatosis and apoptosis. <i>Green Chemistry</i> , 2022, 24, 1190-1210.	4.6	23
9	Recent Advances in Metal-Based Antimicrobial Coatings for High-Touch Surfaces. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1162.	1.8	52
10	Nature bioinspired and engineered nanomaterials. , 2022, , 31-58.		4
11	Formulation Development and Evaluation of Pravastatin-Loaded Nanogel for Hyperlipidemia Management. <i>Gels</i> , 2022, 8, 81.	2.1	20
12	The transcription factor HIF-1 $\alpha$ mediates plasticity of NKp46+ innate lymphoid cells in the gut. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	22
13	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
14	Liquid crystalline polymer-based bio-nanocomposites for spectroscopic applications. , 2022, , 141-162.		2
15	Emergence of unique SARS-CoV-2 ORF10 variants and their impact on protein structure and function. <i>International Journal of Biological Macromolecules</i> , 2022, 194, 128-143.	3.6	13
16	Anti-proliferative, Anti-angiogenic and Anti-inflammatory Effects of <i>Moringa peregrina</i> Leaf Extracts on Testosterone- Induced Benign Prostatic Hyperplasia in Rats. <i>Asian Pacific Journal of Cancer Prevention</i> , 2022, 23, 161-169.	0.5	0
17	Superior fast switching of surface-stabilized liquid crystal switchable devices employing graphene dispersion. , 2022, , 185-199.		0
18	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

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19	A new era in oxygen therapeutics? From perfluorocarbon systems to haemoglobin-based oxygen carriers. <i>Blood Reviews</i> , 2022, 54, 100927.	2.8	18
20	pH-sensitive nanoparticles containing 5-fluorouracil and leucovorin as an improved anti-cancer option for colon cancer. <i>Nanomedicine</i> , 2022, 17, 367-381.	1.7	24
21	Importance of STAT3 signalling in cancer, metastasis and therapeutic interventions. <i>Cellular Signalling</i> , 2022, 92, 110275.	1.7	33
22	The importance of accessory protein variants in the pathogenicity of SARS-CoV-2. <i>Archives of Biochemistry and Biophysics</i> , 2022, 717, 109124.	1.4	20
23	Bugs as drugs: neglected but a promising future therapeutic strategy in cancer. <i>Future Oncology</i> , 2022, 18, 1609-1626.	1.1	4
24	SARS-CoV-2 and Coronavirus Disease Mitigation: Treatment Options, Vaccinations and Variants. <i>Pathogens</i> , 2022, 11, 275.	1.2	9
25	Natural compounds as safe therapeutic options for ulcerative colitis. <i>Inflammopharmacology</i> , 2022, 30, 397-434.	1.9	26
26	Synthesis, Characterization, and Assessment of Anti-Cancer Potential of ZnO Nanoparticles in an In Vitro Model of Breast Cancer. <i>Molecules</i> , 2022, 27, 1827.	1.7	21
27	Gene Therapy for Neuropsychiatric Disorders: Potential Targets and Tools. <i>CNS and Neurological Disorders - Drug Targets</i> , 2022, 21, .	0.8	2
28	An issue of concern: unique truncated ORF8 protein variants of SARS-CoV-2. <i>PeerJ</i> , 2022, 10, e13136.	0.9	7
29	Alginate: Enhancement Strategies for Advanced Applications. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4486.	1.8	50
30	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
31	Would New SARS-CoV-2 Variants Change the War against COVID-19?. <i>Epidemiologia</i> , 2022, 3, 229-237.	1.1	3
32	Associations and Disease–Disease Interactions of COVID-19 with Congenital and Genetic Disorders: A Comprehensive Review. <i>Viruses</i> , 2022, 14, 910.	1.5	6
33	Biosynthesis of gold nanoparticles using leaf extract of <i>Dittrichia viscosa</i> and in vivo assessment of its anti-diabetic efficacy. <i>Drug Delivery and Translational Research</i> , 2022, 12, 2993-2999.	3.0	22
34	Crocin Inhibits Angiogenesis and Metastasis in Colon Cancer via TNF- $\alpha$ /NF- $\kappa$ B/VEGF Pathways. <i>Cells</i> , 2022, 11, 1502.	1.8	41
35	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
36	Conclusion, Outlook, and Prospects: Bionanomaterials in Clinical Utilization. , 2022, , 177-194.		0

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37	Therapeutic Potential of Cannabinoids on Tumor Microenvironment: A Molecular Switch in Neoplasia Transformation. <i>Integrative Cancer Therapies</i> , 2022, 21, 153473542210967.	0.8	4
38	Nanocelluloses in Wound Healing Applications. , 2022, , 649-676.		0
39	Nanocelluloses in Sensing Technology. , 2022, , 745-774.		0
40	Microbiome Medicine: Microbiota in Development and Management of Cardiovascular Diseases. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2022, 22, 1344-1356.	0.6	2
41	Pathogenesis and management of traumatic brain injury (TBI): role of neuroinflammation and anti-inflammatory drugs. <i>Inflammopharmacology</i> , 2022, 30, 1153-1166.	1.9	37
42	PCSK9 conjugated liposomes for targeted delivery of paclitaxel to the cancer cell: A proof-of-concept study. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113428.	2.5	9
43	The structural basis of accelerated host cell entry by SARS-CoV-2. <i>FEBS Journal</i> , 2021, 288, 5010-5020.	2.2	129
44	Emerging concepts and directed therapeutics for the management of asthma: regulating the regulators. <i>Inflammopharmacology</i> , 2021, 29, 15-33.	1.9	8
45	Polyvinyl alcohol (PVA) mixed green clay and aloe vera based polymeric membrane optimization: Peel-off mask formulation for skin care cosmeceuticals in green nanotechnology. <i>Journal of Molecular Structure</i> , 2021, 1229, 129592.	1.8	41
46	Orally administered self-emulsifying drug delivery system in disease management: advancement and patents. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 315-332.	2.4	37
47	Questions concerning the proximal origin of SARS-CoV-2. <i>Journal of Medical Virology</i> , 2021, 93, 1204-1206.	2.5	56
48	Polymeric nanoencapsulation of zaleplon into PLGA nanoparticles for enhanced pharmacokinetics and pharmacological activity. <i>Biopharmaceutics and Drug Disposition</i> , 2021, 42, 12-23.	1.1	24
49	Recent advancement and biomedical applications of fungal metabolites. , 2021, , 47-67.		1
50	Advancements on microparticles-based drug delivery systems for cancer therapy. , 2021, , 351-358.		1
51	Stem Cell-Based Products in the Market. <i>Pancreatic Islet Biology</i> , 2021, , 269-298.	0.1	0
52	Novel Controlled Release Pulmonary Drug Delivery Systems: Current updates and Challenges. , 2021, , 253-272.		4
53	Targeting siRNAs in cancer drug delivery. , 2021, , 447-460.		3
54	Bioinspired Nanomaterials for Improving Sensing and Imaging Spectroscopy. , 2021, , 191-212.		1

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55	Targeting eosinophils in respiratory diseases: Biological axis, emerging therapeutics and treatment modalities. <i>Life Sciences</i> , 2021, 267, 118973.	2.0	16
56	Urgent Need for Field Surveys of Coronaviruses in Southeast Asia to Understand the SARS-CoV-2 Phylogeny and Risk Assessment for Future Outbreaks. <i>Biomolecules</i> , 2021, 11, 398.	1.8	3
57	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
58	An overview of vaccine development for COVID-19. <i>Therapeutic Delivery</i> , 2021, 12, 235-244.	1.2	51
59	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
60	Impacts and Consequences of COVID-19 Epidemic on Global Economy. <i>Coronaviruses</i> , 2021, 2, 77-88.	0.2	5
61	Carbon-Based Nanomaterials: Promising Antiviral Agents to Combat COVID-19 in the Microbial-Resistant Era. <i>ACS Nano</i> , 2021, 15, 8069-8086.	7.3	134
62	Gold Nanoparticles Ameliorate Diabetic Cardiomyopathy in Streptozotocin-Induced Diabetic Rats. <i>Journal of Molecular Structure</i> , 2021, 1231, 130009.	1.8	17
63	Comparative in vitro evaluation of glimepiride containing nanosuspension drug delivery system developed by different techniques. <i>Journal of Molecular Structure</i> , 2021, 1231, 129927.	1.8	11
64	Oral Nanoemulsion of Fenofibrate: Formulation, Characterization, and In Vitro Drug Release Studies. <i>Assay and Drug Development Technologies</i> , 2021, 19, 246-261.	0.6	6
65	Predicting COVID-19 Comorbidity Pathway Crosstalk-Based Targets and Drugs: Towards Personalized COVID-19 Management. <i>Biomedicines</i> , 2021, 9, 556.	1.4	20
66	Innovative Applications of Plant Viruses in Drug Targeting and Molecular Imaging- A Review. <i>Current Medical Imaging</i> , 2021, 17, 491-506.	0.4	6
67	Repurposing of Guanabenz acetate by encapsulation into long-circulating nanopolymersomes for treatment of triple-negative breast cancer. <i>International Journal of Pharmaceutics</i> , 2021, 600, 120532.	2.6	29
68	Current-status and applications of polysaccharides in drug delivery systems. <i>Colloids and Interface Science Communications</i> , 2021, 42, 100418.	2.0	66
69	RAD51-UTR haplotype genetic polymorphisms and susceptibility to breast cancer in women from Jordanian population. <i>Experimental Oncology</i> , 2021, 43, 149-154.	0.4	1
70	A unique view of SARS-CoV-2 through the lens of ORF8 protein. <i>Computers in Biology and Medicine</i> , 2021, 133, 104380.	3.9	48
71	Notable sequence homology of the ORF10 protein introspects the architecture of SARS-CoV-2. <i>International Journal of Biological Macromolecules</i> , 2021, 181, 801-809.	3.6	36
72	COVID-19 Vaccines and Thrombosis: Roadblock or Dead-End Street?. <i>Biomolecules</i> , 2021, 11, 1020.	1.8	28

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73	Advances in nanotechnology-based drug delivery in targeting PI3K signaling in respiratory diseases. <i>Nanomedicine</i> , 2021, 16, 1351-1355.	1.7	5
74	An Appraisal of the Current Scenario in Vaccine Research for COVID-19. <i>Viruses</i> , 2021, 13, 1397.	1.5	6
75	Nanoarchitectures in Management of Fungal Diseases: An Overview. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7119.	1.3	10
76	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
77	Novel polyurethane based particulate formulations of infliximab reduce inflammation in DSS induced murine model of colitis – A preliminary study. <i>International Journal of Pharmaceutics</i> , 2021, 604, 120717.	2.6	5
78	SARS-CoV-2 Research Using Human Pluripotent Stem Cells and Organoids. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1491-1499.	1.6	16
79	The viral capsid as novel nanomaterials for drug delivery. <i>Future Science OA</i> , 2021, 7, FSO744.	0.9	14
80	Overview of key molecular and pharmacological targets for diabetes and associated diseases. <i>Life Sciences</i> , 2021, 278, 119632.	2.0	6
81	Hypoxia-Inducible Factor (HIF): Fuel for Cancer Progression. <i>Current Molecular Pharmacology</i> , 2021, 14, 321-332.	0.7	20
82	<i>Porphyromonas gingivalis</i> (W83) Infection Induces Alzheimer's Disease-Like Pathophysiology in Obese and Diabetic Mice. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 1259-1275.	1.2	9
83	An Overview of Copper Nanoparticles: Synthesis, Characterisation and Anticancer Activity. <i>Current Pharmaceutical Design</i> , 2021, 27, 4416-4432.	0.9	13
84	Perfluorocarbons Therapeutics in Modern Cancer Nanotechnology for Hypoxia-induced Anti-tumor Therapy. <i>Current Pharmaceutical Design</i> , 2021, 27, 4376-4387.	0.9	1
85	An Overview of Nano Delivery Systems for Targeting RNA Interference-based Therapy in Ulcerative Colitis. <i>Current Pharmaceutical Design</i> , 2021, 27, 2904-2914.	0.9	2
86	Autoimmunity roots of the thrombotic events after COVID-19 vaccination. <i>Autoimmunity Reviews</i> , 2021, 20, 102941.	2.5	39
87	Emerging Treatment Strategies for Diabetes Mellitus and Associated Complications: An Update. <i>Pharmaceutics</i> , 2021, 13, 1568.	2.0	9
88	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
89	Potential Molecular Mechanisms of Rare Anti-Tumor Immune Response by SARS-CoV-2 in Isolated Cases of Lymphomas. <i>Viruses</i> , 2021, 13, 1927.	1.5	10
90	The mechanism behind flaring/triggering of autoimmunity disorders associated with COVID-19. <i>Autoimmunity Reviews</i> , 2021, 20, 102909.	2.5	7

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91	Nanotechnology based advanced therapeutic strategies for targeting interleukins in chronic respiratory diseases. <i>Chemico-Biological Interactions</i> , 2021, 348, 109637.	1.7	14
92	Targeting LIN28: a new hope in prostate cancer theranostics. <i>Future Oncology</i> , 2021, 17, 3873-3880.	1.1	6
93	Implications derived from S-protein variants of SARS-CoV-2 from six continents. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 934-955.	3.6	10
94	Clinical utility of novel biosensing platform: Diagnosis of coronavirus SARS-CoV-2 at point of care. <i>Materials Letters</i> , 2021, 304, 130612.	1.3	4
95	Polymorphic Variants in 5'UTR Regions of the RAD51 Gene are Associated With RAD51 Expression and Triple-Negative Breast Cancer (TNBC): A Case-Control Study. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2021, 29, 270-276.	0.6	3
96	The Isolation of a Novel <i>Streptomyces</i> sp. CJ13 from a Traditional Irish Folk Medicine Alkaline Grassland Soil that Inhibits Multiresistant Pathogens and Yeasts. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 173.	1.3	7
97	Role of Glucagon-Like Peptide-1 (GLP-1) Receptor Agonists in Hypoglycemia. <i>Clinical Medicine Insights: Endocrinology and Diabetes</i> , 2021, 14, 117955142110516.	1.0	6
98	Development and evaluation of the effect of ethanol and surfactant in vesicular carriers on Lamivudine permeation through the skin. <i>International Journal of Pharmaceutics</i> , 2021, 610, 121226.	2.6	20
99	Fused deposition modelling: Current status, methodology, applications and future prospects. <i>Additive Manufacturing</i> , 2021, 47, 102378.	1.7	99
100	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
101	Induction of Caspase-Mediated Apoptosis in HepG2 Liver Carcinoma Cells Using Mutagenic Antioxidant Conjugated Self-Assembled Novel Carbazole Nanoparticles and In Silico Modeling Studies. <i>ACS Omega</i> , 2021, 6, 265-277.	1.6	11
102	Azelaic acid and <i>Melaleuca alternifolia</i> essential oil co-loaded vesicular carrier for combinational therapy of acne. <i>Therapeutic Delivery</i> , 2021, , .	1.2	7
103	Exploiting the Metabolism of the Gut Microbiome as a Vehicle for Targeted Drug Delivery to the Colon. <i>Pharmaceutics</i> , 2021, 14, 1211.	1.7	9
104	Nanocelluloses in Sensing Technology. , 2021, , 1-30.		4
105	Designing and Synthesis of Green Polymeric Nanomaterials for Pharmaceutical Applications. , 2021, , 47-64.		0
106	Gold nanoparticles attenuate albuminuria by inhibiting podocyte injury in a rat model of diabetic nephropathy. <i>Drug Delivery and Translational Research</i> , 2020, 10, 216-226.	3.0	37
107	Albumin Nano-Encapsulation of Piceatannol Enhances Its Anticancer Potential in Colon Cancer Via Downregulation of Nuclear p65 and HIF-1. <i>Cancers</i> , 2020, 12, 113.	1.7	74
108	Molecular signaling of G-protein-coupled receptor in chronic heart failure and associated complications. <i>Drug Development Research</i> , 2020, 81, 23-31.	1.4	12

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109	Emerging therapeutic potential of the iridoid molecule, asperuloside: A snapshot of its underlying molecular mechanisms. <i>Chemico-Biological Interactions</i> , 2020, 315, 108911.	1.7	23
110	Small interfering RNA for cancer treatment: overcoming hurdles in delivery. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 2075-2109.	5.7	116
111	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
112	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
113	The Importance of Research on the Origin of SARS-CoV-2. <i>Viruses</i> , 2020, 12, 1203.	1.5	27
114	Co-delivery of a RanGTP inhibitory peptide and doxorubicin using dual-loaded liposomal carriers to combat chemotherapeutic resistance in breast cancer cells. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 1655-1669.	2.4	37
115	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
116	Possible Transmission Flow of SARS-CoV-2 Based on ACE2 Features. <i>Molecules</i> , 2020, 25, 5906.	1.7	33
117	Plants derived therapeutic strategies targeting chronic respiratory diseases: Chemical and immunological perspective. <i>Chemico-Biological Interactions</i> , 2020, 325, 109125.	1.7	40
118	COVID-19 pandemic: an overview of epidemiology, pathogenesis, diagnostics and potential vaccines and therapeutics. <i>Therapeutic Delivery</i> , 2020, 11, 245-268.	1.2	113
119	Application of Nanomaterials in the Diagnosis and Treatment of Genetic Disorders. , 2020, , 125-146.		9
120	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
121	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
122	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
123	The secondary bile acids, ursodeoxycholic acid and lithocholic acid, protect against intestinal inflammation by inhibition of epithelial apoptosis. <i>Physiological Reports</i> , 2020, 8, e14456.	0.7	71
124	Cellular signalling pathways mediating the pathogenesis of chronic inflammatory respiratory diseases: an update. <i>Inflammopharmacology</i> , 2020, 28, 795-817.	1.9	65
125	Dietary Crocin is Protective in Pancreatic Cancer while Reducing Radiation-Induced Hepatic Oxidative Damage. <i>Nutrients</i> , 2020, 12, 1901.	1.7	32
126	Monotherapy of RAAS blockers and mobilization of aldosterone: A mechanistic perspective study in kidney disease. <i>Chemico-Biological Interactions</i> , 2020, 317, 108975.	1.7	15



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127	Emerging trends in clinical implications of bio-conjugated silver nanoparticles in drug delivery. <i>Colloids and Interface Science Communications</i> , 2020, 35, 100244.	2.0	85
128	Efficacy of resveratrol encapsulated microsponges delivered by pectin based matrix tablets in rats with acetic acid-induced ulcerative colitis. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 365-375.	0.9	14
129	Nanocarriers: more than tour de force for thymoquinone. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 479-494.	2.4	27
130	Immunological axis of berberine in managing inflammation underlying chronic respiratory inflammatory diseases. <i>Chemico-Biological Interactions</i> , 2020, 317, 108947.	1.7	36
131	Enhanced oral bioavailability and hepatoprotective activity of thymoquinone in the form of phospholipidic nano-constructs. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 237-253.	2.4	19
132	Nanoencapsulation of sophorolipids in PEGylated poly(lactide-co-glycolide) as a novel approach to target colon carcinoma in the murine model. <i>Drug Delivery and Translational Research</i> , 2020, 10, 1353-1366.	3.0	29
133	The Remarkable Pharmacological Efficacy of Saffron Spice via Antioxidant, Immunomodulatory, and Antitumor Activities. , 2020, , 245-262.		1
134	Molecular mechanisms of action of naringenin in chronic airway diseases. <i>European Journal of Pharmacology</i> , 2020, 879, 173139.	1.7	44
135	Role of immune checkpoint inhibitors in the revolutionization of advanced melanoma care. <i>International Immunopharmacology</i> , 2020, 83, 106417.	1.7	31
136	In vitro Dissolution Profile at Different Biological pH Conditions of Hydroxychloroquine Sulfate Tablets Is Available for the Treatment of COVID-19. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 613393.	1.6	18
137	Targeting neutrophils using novel drug delivery systems in chronic respiratory diseases. <i>Drug Development Research</i> , 2020, 81, 419-436.	1.4	59
138	Oxidative Stress and Immunological Complexities in Multidrug-Resistant Tuberculosis. , 2020, , 107-124.		2
139	Alzheimer's disease-like perturbations in HIV-mediated neuronal dysfunctions: understanding mechanisms and developing therapeutic strategies. <i>Open Biology</i> , 2020, 10, 200286.	1.5	19
140	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
141	Nucleic Acid Aptamers as a Potential Nucleus Targeted Drug Delivery System. <i>Current Drug Delivery</i> , 2020, 17, 101-111.	0.8	19
142	Recent Advances in Self-Assembled Nanoparticles for Drug Delivery. <i>Current Drug Delivery</i> , 2020, 17, 279-291.	0.8	29
143	Circadian Rhythm Disruption and Alzheimer's Disease: The Dynamics of a Vicious Cycle. <i>Current Neuropharmacology</i> , 2020, 19, 248-264.	1.4	22
144	COVID-19: Underpinning Research for Detection, Therapeutics, and Vaccines Development. <i>Pharmaceutical Nanotechnology</i> , 2020, 8, 323-353.	0.6	13

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145	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
146	Advancement in translational respiratory research using nanotechnology. , 2020, , 211-225.		0
147	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
148	Chronic respiratory diseases: An introduction and need for novel drug delivery approaches. , 2020, , 1-31.		10
149	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
150	Targeting lung cancer using advanced drug delivery systems. , 2020, , 493-516.		4
151	Effects of <i>Artemisia judaica</i> essential oil and ethanolic extract on experimentally-induced benign prostatic hyperplasia. <i>Pharmacognosy Magazine</i> , 2020, 16, 569.	0.3	1
152	Current biological and pharmacological updates on wogonin. <i>EXCLI Journal</i> , 2020, 19, 635-640.	0.5	2
153	Dynamics of Prolyl Hydroxylases Levels During Disease Progression in Experimental Colitis. <i>Inflammation</i> , 2019, 42, 2032-2036.	1.7	14
154	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.	1.4	19
155	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
156	Su1810 "Combinatorial Treatment with a Hif-Hydroxylase Inhibitor and Cyclosporine Provides Enhanced Protection in Colitis Through Improved Barrier Function. <i>Gastroenterology</i> , 2019, 156, S-621.	0.6	0
157	Gold-coated plant virus as computed tomography imaging contrast agent. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 1983-1993.	1.5	28
158	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
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