

# Murtaza M Tambuwala

## List of Publications by Year in descending order

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Version: 2024-02-01

201  
papers

6,031  
citations

94433

37  
h-index

102487

66  
g-index

233  
all docs

233  
docs citations

233  
times ranked

6858  
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA-155 Promotes Resolution of Hypoxia-Inducible Factor 1 $\alpha$ Activity during Prolonged Hypoxia. <i>Molecular and Cellular Biology</i> , 2011, 31, 4087-4096.	2.3	253
2	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
3	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.	3.8	236
4	Loss of Prolyl Hydroxylase-1 Protects Against Colitis Through Reduced Epithelial Cell Apoptosis and Increased Barrier Function. <i>Gastroenterology</i> , 2010, 139, 2093-2101.	1.3	175
5	PGC-1 $\alpha$ is coupled to HIF-1 $\alpha$ -dependent gene expression by increasing mitochondrial oxygen consumption in skeletal muscle cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2188-2193.	7.1	172
6	Ursodeoxycholic acid and lithocholic acid exert anti-inflammatory actions in the colon. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, G550-G558.	3.4	170
7	Regulation of IL-1 $\beta$ -induced NF- $\kappa$ B by hydroxylases links key hypoxic and inflammatory signaling pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18490-18495.	7.1	145
8	An Intact Canonical NF- $\kappa$ B Pathway Is Required for Inflammatory Gene Expression in Response to Hypoxia. <i>Journal of Immunology</i> , 2011, 186, 1091-1096.	0.8	134
9	Carbon-Based Nanomaterials: Promising Antiviral Agents to Combat COVID-19 in the Microbial-Resistant Era. <i>ACS Nano</i> , 2021, 15, 8069-8086.	14.6	134
10	The structural basis of accelerated host cell entry by SARS-CoV-2. <i>FEBS Journal</i> , 2021, 288, 5010-5020.	4.7	129
11	Intermittent hypoxia in obstructive sleep apnoea mediates insulin resistance through adipose tissue inflammation. <i>European Respiratory Journal</i> , 2017, 49, 1601731.	6.7	117
12	Small interfering RNA for cancer treatment: overcoming hurdles in delivery. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 2075-2109.	12.0	116
13	COVID-19 pandemic: an overview of epidemiology, pathogenesis, diagnostics and potential vaccines and therapeutics. <i>Therapeutic Delivery</i> , 2020, 11, 245-268.	2.2	113
14	A dynamic model of the hypoxia-inducible factor 1-alpha (HIF-1 $\alpha$ ) network. <i>Journal of Cell Science</i> , 2013, 126, 1454-63.	2.0	112
15	Fused deposition modelling: Current status, methodology, applications and future prospects. <i>Additive Manufacturing</i> , 2021, 47, 102378.	3.0	99
16	The Hydroxylase Inhibitor Dimethyloxallyl Glycine Attenuates Endotoxic Shock Via Alternative Activation of Macrophages and IL-10 Production by B1 Cells. <i>Shock</i> , 2011, 36, 295-302.	2.1	90
17	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
18	Emerging trends in clinical implications of bio-conjugated silver nanoparticles in drug delivery. <i>Colloids and Interface Science Communications</i> , 2020, 35, 100244.	4.1	85

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19	Albumin Nano-Encapsulation of Piceatannol Enhances Its Anticancer Potential in Colon Cancer Via Downregulation of Nuclear p65 and HIF-1 $\alpha$ . <i>Cancers</i> , 2020, 12, 113.	3.7	74
20	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.	1.7	71
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	Targeted delivery of the hydroxylase inhibitor DMOG provides enhanced efficacy with reduced systemic exposure in a murine model of colitis. <i>Journal of Controlled Release</i> , 2015, 217, 221-227.	9.9	63
24	REST is a hypoxia-responsive transcriptional repressor. <i>Scientific Reports</i> , 2016, 6, 31355.	3.3	60
25	Polymeric Nano-Encapsulation of Curcumin Enhances its Anti-Cancer Activity in Breast (MDA-MB231) and Lung (A549) Cancer Cells Through Reduction in Expression of HIF-1 $\alpha$ and Nuclear p65 (Rel A). <i>Current Drug Delivery</i> , 2018, 15, 286-295.	1.6	60
26	Targeting neutrophils using novel drug delivery systems in chronic respiratory diseases. <i>Drug Development Research</i> , 2020, 81, 419-436.	2.9	59
27	Questions concerning the proximal origin of SARS-CoV-2. <i>Journal of Medical Virology</i> , 2021, 93, 1204-1206.	5.0	56
28	Three-dimensional bio-printing: A new frontier in oncology research. <i>World Journal of Clinical Oncology</i> , 2017, 8, 21.	2.3	55
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	Recent Advances in Metal-Based Antimicrobial Coatings for High-Touch Surfaces. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1162.	4.1	52
31	An overview of vaccine development for COVID-19. <i>Therapeutic Delivery</i> , 2021, 12, 235-244.	2.2	51
32	Alginate: Enhancement Strategies for Advanced Applications. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4486.	4.1	50
33	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
34	A unique view of SARS-CoV-2 through the lens of ORF8 protein. <i>Computers in Biology and Medicine</i> , 2021, 133, 104380.	7.0	48
35	Caffeic acid phenethyl ester is protective in experimental ulcerative colitis via reduction in levels of pro-inflammatory mediators and enhancement of epithelial barrier function. <i>Inflammopharmacology</i> , 2018, 26, 561-569.	3.9	47
36	Molecular mechanisms of action of naringenin in chronic airway diseases. <i>European Journal of Pharmacology</i> , 2020, 879, 173139.	3.5	44

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37	Enhanced cutaneous wound healing in rats following topical delivery of insulin-loaded nanoparticles embedded in poly(vinyl alcohol)-borate hydrogels. <i>Drug Delivery and Translational Research</i> , 2018, 8, 1053-1065.	5.8	41
38	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.	3.6	41
39	Crocin Inhibits Angiogenesis and Metastasis in Colon Cancer via TNF- $\alpha$ /NF- $\kappa$ B/VEGF Pathways. <i>Cells</i> , 2022, 11, 1502.	4.1	41
40	Albumin nano-encapsulation of caffeic acid phenethyl ester and piceatannol potentiated its ability to modulate HIF and NF- $\kappa$ B pathways and improves therapeutic outcome in experimental colitis. <i>Drug Delivery and Translational Research</i> , 2019, 9, 14-24.	5.8	40
41	Plants derived therapeutic strategies targeting chronic respiratory diseases: Chemical and immunological perspective. <i>Chemico-Biological Interactions</i> , 2020, 325, 109125.	4.0	40
42	Autoimmunity roots of the thrombotic events after COVID-19 vaccination. <i>Autoimmunity Reviews</i> , 2021, 20, 102941.	5.8	39
43	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.	5.8	37
44	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.	5.0	37
45	Orally administered self-emulsifying drug delivery system in disease management: advancement and patents. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 315-332.	5.0	37
46	Pathogenesis and management of traumatic brain injury (TBI): role of neuroinflammation and anti-inflammatory drugs. <i>Inflammopharmacology</i> , 2022, 30, 1153-1166.	3.9	37
47	Immunological axis of berberine in managing inflammation underlying chronic respiratory inflammatory diseases. <i>Chemico-Biological Interactions</i> , 2020, 317, 108947.	4.0	36
48	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.	7.5	36
49	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
50	Smart dendrimers: Synergizing the targeting of anticancer bioactives. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 52, 15-26.	3.0	34
51	Nanoneuromedicine for management of neurodegenerative disorder. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 49, 477-490.	3.0	34
52	Possible Transmission Flow of SARS-CoV-2 Based on ACE2 Features. <i>Molecules</i> , 2020, 25, 5906.	3.8	33
53	Importance of STAT3 signalling in cancer, metastasis and therapeutic interventions. <i>Cellular Signalling</i> , 2022, 92, 110275.	3.6	33
54	Dietary Crocin is Protective in Pancreatic Cancer while Reducing Radiation-Induced Hepatic Oxidative Damage. <i>Nutrients</i> , 2020, 12, 1901.	4.1	32

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55	Fourth-generation glucose sensors composed of copper nanostructures for diabetes management: A critical review. <i>Bioengineering and Translational Medicine</i> , 2022, 7, e10248.	7.1	32
56	Role of immune checkpoint inhibitors in the revolutionization of advanced melanoma care. <i>International Immunopharmacology</i> , 2020, 83, 106417.	3.8	31
57	Effect of poly(ethylene glycol) content and formulation parameters on particulate properties and intraperitoneal delivery of insulin from PLGA nanoparticles prepared using the double-emulsion evaporation procedure. <i>Pharmaceutical Development and Technology</i> , 2018, 23, 370-381.	2.4	30
58	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.	5.8	29
59	Repurposing of Guanabenz acetate by encapsulation into long-circulating nanopolymerosomes for treatment of triple-negative breast cancer. <i>International Journal of Pharmaceutics</i> , 2021, 600, 120532.	5.2	29
60	Recent Advances in Self-Assembled Nanoparticles for Drug Delivery. <i>Current Drug Delivery</i> , 2020, 17, 279-291.	1.6	29
61	Natural Nuclear Factor Kappa Beta Inhibitors. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 719-723.	1.9	28
62	Gold-coated plant virus as computed tomography imaging contrast agent. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 1983-1993.	2.8	28
63	COVID-19 Vaccines and Thrombosis—Roadblock or Dead-End Street?. <i>Biomolecules</i> , 2021, 11, 1020.	4.0	28
64	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
65	The Importance of Research on the Origin of SARS-CoV-2. <i>Viruses</i> , 2020, 12, 1203.	3.3	27
66	Nanocarriers: more than tour de force for thymoquinone. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 479-494.	5.0	27
67	Prolyl hydroxylase-1 regulates hepatocyte apoptosis in an NF- $\kappa$ B-dependent manner. <i>Biochemical and Biophysical Research Communications</i> , 2016, 474, 579-586.	2.1	26
68	Natural compounds as safe therapeutic options for ulcerative colitis. <i>Inflammopharmacology</i> , 2022, 30, 397-434.	3.9	26
69	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
70	Nanoemulsions as Effective Carriers for the Treatment of Lung Cancer. , 2019, , 217-247.		24
71	Polymeric nanoencapsulation of zaleplon into PLGA nanoparticles for enhanced pharmacokinetics and pharmacological activity. <i>Biopharmaceutics and Drug Disposition</i> , 2021, 42, 12-23.	1.9	24
72	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

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73	pH-sensitive nanoparticles containing 5-fluorouracil and leucovorin as an improved anti-cancer option for colon cancer. <i>Nanomedicine</i> , 2022, 17, 367-381.	3.3	24
74	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
75	Frankincense essential oil suppresses melanoma cancer through down regulation of Bcl-2/Bax cascade signaling and ameliorates hepatotoxicity via phase I and II drug metabolizing enzymes. <i>Oncotarget</i> , 2019, 10, 3472-3490.	1.8	23
76	Application of three-dimensional printing for colon targeted drug delivery systems. <i>International Journal of Pharmaceutical Investigation</i> , 2017, 7, 47.	0.3	23
77	Molecular nanoinformatics approach assessing the biocompatibility of biogenic silver nanoparticles with channelized intrinsic steatosis and apoptosis. <i>Green Chemistry</i> , 2022, 24, 1190-1210.	9.0	23
78	Circadian Rhythm Disruption and Alzheimer's Disease: The Dynamics of a Vicious Cycle. <i>Current Neuropharmacology</i> , 2020, 19, 248-264.	2.9	22
79	The transcription factor HIF-1 $\alpha$ mediates plasticity of NKp46+ innate lymphoid cells in the gut. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	22
80	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.	5.8	22
81	Hydroxylase inhibition regulates inflammation-induced intestinal fibrosis through the suppression of ERK-mediated TGF- $\beta$ 1 signaling. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, G1076-G1090.	3.4	21
82	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
83	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.	3.8	21
84	Predicting COVID-19's Comorbidity Pathway Crosstalk-Based Targets and Drugs: Towards Personalized COVID-19 Management. <i>Biomedicines</i> , 2021, 9, 556.	3.2	20
85	Hypoxia-Inducible Factor (HIF): Fuel for Cancer Progression. <i>Current Molecular Pharmacology</i> , 2021, 14, 321-332.	1.5	20
86	Dendrimer Based Nanoarchitectures in Diabetes Management: An Overview. <i>Current Pharmaceutical Design</i> , 2019, 25, 2569-2583.	1.9	20
87	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.	5.2	20
88	Formulation Development and Evaluation of Pravastatin-Loaded Nanogel for Hyperlipidemia Management. <i>Gels</i> , 2022, 8, 81.	4.5	20
89	The importance of accessory protein variants in the pathogenicity of SARS-CoV-2. <i>Archives of Biochemistry and Biophysics</i> , 2022, 717, 109124.	3.0	20
90	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

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91	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.	5.0	19
92	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
93	Nucleic Acid Aptamers as a Potential Nucleus Targeted Drug Delivery System. <i>Current Drug Delivery</i> , 2020, 17, 101-111.	1.6	19
94	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.	3.5	18
95	A new era in oxygen therapeutics? From perfluorocarbon systems to haemoglobin-based oxygen carriers. <i>Blood Reviews</i> , 2022, 54, 100927.	5.7	18
96	Caffeic acid phenethyl ester (CAPE) reverses fibrosis caused by chronic colon inflammation in murine model of colitis. <i>Pathology Research and Practice</i> , 2018, 214, 1909-1911.	2.3	17
97	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
98	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
99	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
100	Gold Nanoparticles Ameliorate Diabetic Cardiomyopathy in Streptozotocin-Induced Diabetic Rats. <i>Journal of Molecular Structure</i> , 2021, 1231, 130009.	3.6	17
101	Targeting eosinophils in respiratory diseases: Biological axis, emerging therapeutics and treatment modalities. <i>Life Sciences</i> , 2021, 267, 118973.	4.3	16
102	SARS-CoV-2 Research Using Human Pluripotent Stem Cells and Organoids. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1491-1499.	3.3	16
103	Biomedical applications of three-dimensional bioprinted craniofacial tissue engineering. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	7.1	16
104	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
105	Dynamics of Prolyl Hydroxylases Levels During Disease Progression in Experimental Colitis. <i>Inflammation</i> , 2019, 42, 2032-2036.	3.8	14
106	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.	2.0	14
107	The viral capsid as novel nanomaterials for drug delivery. <i>Future Science OA</i> , 2021, 7, FSO744.	1.9	14
108	Nanotechnology based advanced therapeutic strategies for targeting interleukins in chronic respiratory diseases. <i>Chemico-Biological Interactions</i> , 2021, 348, 109637.	4.0	14



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109	An Overview of Copper Nanoparticles: Synthesis, Characterisation and Anticancer Activity. <i>Current Pharmaceutical Design</i> , 2021, 27, 4416-4432.	1.9	13
110	COVID-19: Underpinning Research for Detection, Therapeutics, and Vaccines Development. <i>Pharmaceutical Nanotechnology</i> , 2020, 8, 323-353.	1.5	13
111	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.	7.5	13
112	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
113	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
114	In Vivo Anti Cancer Potential of Pyrogallol in Murine Model of Colon Cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2019, 20, 2645-2651.	1.2	12
115	Comparative in vitro evaluation of glimepiride containing nanosuspension drug delivery system developed by different techniques. <i>Journal of Molecular Structure</i> , 2021, 1231, 129927.	3.6	11
116	Induction of Caspase-Mediated Apoptosis in HepG2 Liver Carcinoma Cells Using Mutagen-Antioxidant Conjugated Self-Assembled Novel Carbazole Nanoparticles and In Silico Modeling Studies. <i>ACS Omega</i> , 2021, 6, 265-277.	3.5	11
117	Hypoxia-inducible factor hydroxylase inhibition enhances the protective effects of cyclosporine in colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, G90-G97.	3.4	10
118	Probing 3CL protease: Rationally designed chemical moieties for COVID-19. <i>Drug Development Research</i> , 2020, 81, 911-918.	2.9	10
119	Nanoarchitectures in Management of Fungal Diseases: An Overview. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7119.	2.5	10
120	Pharmaceutical Aspects of Green Synthesized Silver Nanoparticles: A Boon to Cancer Treatment. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, 1490-1509.	1.7	10
121	Potential Molecular Mechanisms of Rare Anti-Tumor Immune Response by SARS-CoV-2 in Isolated Cases of Lymphomas. <i>Viruses</i> , 2021, 13, 1927.	3.3	10
122	Implications derived from S-protein variants of SARS-CoV-2 from six continents. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 934-955.	7.5	10
123	Beyond the Obvious: Smoking and Respiratory Infection Implications on Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020, 19, 698-708.	1.4	10
124	Chronic respiratory diseases: An introduction and need for novel drug delivery approaches. , 2020, , 1-31.		10
125	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.	0.9	10
126	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.	1.3	10



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127	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.	1.2	9
128	Application of Nanomaterials in the Diagnosis and Treatment of Genetic Disorders. , 2020, , 125-146.		9
129	<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.	2.6	9
130	Emerging Treatment Strategies for Diabetes Mellitus and Associated Complications: An Update. <i>Pharmaceutics</i> , 2021, 13, 1568.	4.5	9
131	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.	1.1	9
132	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.	5.8	9
133	Exploiting the Metabolism of the Gut Microbiome as a Vehicle for Targeted Drug Delivery to the Colon. <i>Pharmaceutics</i> , 2021, 14, 1211.	3.8	9
134	SARS-CoV-2 and Coronavirus Disease Mitigation: Treatment Options, Vaccinations and Variants. <i>Pathogens</i> , 2022, 11, 275.	2.8	9
135	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.	5.6	9
136	Emergence of Three Dimensional Printed Cardiac Tissue: Opportunities and Challenges in Cardiovascular Diseases. <i>Current Cardiology Reviews</i> , 2019, 15, 188-204.	1.5	8
137	Emerging concepts and directed therapeutics for the management of asthma: regulating the regulators. <i>Inflammopharmacology</i> , 2021, 29, 15-33.	3.9	8
138	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.	1.2	8
139	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.	2.3	8
140	Exosomal mediated signal transduction through artificial microRNA (amiRNA): A potential target for inhibition of SARS-CoV-2. <i>Cellular Signalling</i> , 2022, 95, 110334.	3.6	8
141	The mechanism behind flaring/triggering of autoimmunity disorders associated with COVID-19. <i>Autoimmunity Reviews</i> , 2021, 20, 102909.	5.8	7
142	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.	2.5	7
143	Azelaic acid and <i>Melaleuca alternifolia</i> essential oil co-loaded vesicular carrier for combinational therapy of acne. <i>Therapeutic Delivery</i> , 2021, , .	2.2	7
144	An issue of concern: unique truncated ORF8 protein variants of SARS-CoV-2. <i>PeerJ</i> , 2022, 10, e13136.	2.0	7

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145	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.	1.2	6
146	Innovative Applications of Plant Viruses in Drug Targeting and Molecular Imaging- A Review. <i>Current Medical Imaging</i> , 2021, 17, 491-506.	0.8	6
147	An Appraisal of the Current Scenario in Vaccine Research for COVID-19. <i>Viruses</i> , 2021, 13, 1397.	3.3	6
148	Overview of key molecular and pharmacological targets for diabetes and associated diseases. <i>Life Sciences</i> , 2021, 278, 119632.	4.3	6
149	Targeting LIN28: a new hope in prostate cancer theranostics. <i>Future Oncology</i> , 2021, 17, 3873-3880.	2.4	6
150	Role of Glucagon-Like Peptide-1 (GLP-1) Receptor Agonists in Hypoglycemia. <i>Clinical Medicine Insights: Endocrinology and Diabetes</i> , 2021, 14, 117955142110516.	1.9	6
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