

Murtaza M Tambuwala

List of Publications by Citations

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Version: 2024-04-20

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

189
papers

3,188
citations

29
h-index

50
g-index

233
ext. papers

4,513
ext. citations

5
avg, IF

5.57
L-index

#	Paper	IF	Citations
189	MicroRNA-155 promotes resolution of hypoxia-inducible factor 1 α activity during prolonged hypoxia. <i>Molecular and Cellular Biology</i> , 2011 , 31, 4087-96	4.8	204
188	Loss of prolyl hydroxylase-1 protects against colitis through reduced epithelial cell apoptosis and increased barrier function. <i>Gastroenterology</i> , 2010 , 139, 2093-101	13.3	142
187	PGC-1 α is coupled to HIF-1 α -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, 2188-93	11.5	142
186	An intact canonical NF- κ B pathway is required for inflammatory gene expression in response to hypoxia. <i>Journal of Immunology</i> , 2011 , 186, 1091-6	5.3	117
185	Regulation of IL-1 β -induced NF- κ 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, 18490-5	11.5	115
184	Emerging trends in the novel drug delivery approaches for the treatment of lung cancer. <i>Chemico-Biological Interactions</i> , 2019 , 309, 108720	5	94
183	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	6.7	93
182	Ursodeoxycholic acid and lithocholic acid exert anti-inflammatory actions in the colon. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 312, G550-G558	5.1	87
181	A dynamic model of the hypoxia-inducible factor 1 α /HIF-1 α network. <i>Journal of Cell Science</i> , 2013 , 126, 1454-63	5.3	82
180	Intermittent hypoxia in obstructive sleep apnoea mediates insulin resistance through adipose tissue inflammation. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	81
179	The hydroxylase inhibitor dimethyloxallyl glycine attenuates endotoxemic shock via alternative activation of macrophages and IL-10 production by B1 cells. <i>Shock</i> , 2011 , 36, 295-302	3.4	79
178	Correction for O'Hagan et al., PGC-1 α is coupled to HIF-1 α -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, 5449-5449	11.5	78
177	The structural basis of accelerated host cell entry by SARS-CoV-2. <i>FEBS Journal</i> , 2021 , 288, 5010-5020	5.7	73
176	COVID-19 pandemic: an overview of epidemiology, pathogenesis, diagnostics and potential vaccines and therapeutics. <i>Therapeutic Delivery</i> , 2020 , 11, 245-268	3.8	69
175	Carbon-Based Nanomaterials: Promising Antiviral Agents to Combat COVID-19 in the Microbial-Resistant Era. <i>ACS Nano</i> , 2021 , 15, 8069-8086	16.7	59
174	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, 221-7	11.7	52
173	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,	6.6	52

172	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 α and Nuclear p65 (Rel A). <i>Current Drug Delivery</i> , 2018 , 15, 286-295	3.2	45
171	REST is a hypoxia-responsive transcriptional repressor. <i>Scientific Reports</i> , 2016 , 6, 31355	4.9	42
170	Emerging trends in clinical implications of bio-conjugated silver nanoparticles in drug delivery. <i>Colloids and Interface Science Communications</i> , 2020 , 35, 100244	5.4	41
169	Three-dimensional bio-printing: A new frontier in oncology research. <i>World Journal of Clinical Oncology</i> , 2017 , 8, 21-36	2.5	41
168	The potential of siRNA based drug delivery in respiratory disorders: Recent advances and progress. <i>Drug Development Research</i> , 2019 , 80, 714-730	5.1	40
167	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	5.1	37
166	Targeting neutrophils using novel drug delivery systems in chronic respiratory diseases. <i>Drug Development Research</i> , 2020 , 81, 419-436	5.1	37
165	Cellular signalling pathways mediating the pathogenesis of chronic inflammatory respiratory diseases: an update. <i>Inflammopharmacology</i> , 2020 , 28, 795-817	5.1	35
164	Emerging era of "somes": polymersomes as versatile drug delivery carrier for cancer diagnostics and therapy. <i>Drug Delivery and Translational Research</i> , 2020 , 10, 1171-1190	6.2	34
163	Questions concerning the proximal origin of SARS-CoV-2. <i>Journal of Medical Virology</i> , 2021 , 93, 1204-1206	6.7	31
162	Small interfering RNA for cancer treatment: overcoming hurdles in delivery. <i>Acta Pharmaceutica Sinica B</i> , 2020 , 10, 2075-2109	15.5	30
161	Molecular mechanisms of action of naringenin in chronic airway diseases. <i>European Journal of Pharmacology</i> , 2020 , 879, 173139	5.3	29
160	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	2.6	26
159	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	7.9	25
158	Plants derived therapeutic strategies targeting chronic respiratory diseases: Chemical and immunological perspective. <i>Chemico-Biological Interactions</i> , 2020 , 325, 109125	5	24
157	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	3.4	24
156	A unique view of SARS-CoV-2 through the lens of ORF8 protein. <i>Computers in Biology and Medicine</i> , 2021 , 133, 104380	7	23
155	Albumin nano-encapsulation of caffeic acid phenethyl ester and piceatannol potentiated its ability to modulate HIF and NF- κ B pathways and improves therapeutic outcome in experimental colitis. <i>Drug Delivery and Translational Research</i> , 2019 , 9, 14-24	6.2	23

154	Nanoneuromedicine for management of neurodegenerative disorder. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 49, 477-490	4.5	22
153	Smart dendrimers: Synergizing the targeting of anticancer bioactives. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 52, 15-26	4.5	21
152	Possible Transmission Flow of SARS-CoV-2 Based on ACE2 Features. <i>Molecules</i> , 2020 , 25,	4.8	21
151	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	6.2	21
150	Emerging Complexity and the Need for Advanced Drug Delivery in Targeting Candida Species. <i>Current Topics in Medicinal Chemistry</i> , 2019 , 19, 2593-2609	3	21
149	Prolyl hydroxylase-1 regulates hepatocyte apoptosis in an NF- κ B-dependent manner. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 474, 579-586	3.4	21
148	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	6.2	20
147	Natural Nuclear Factor Kappa Beta Inhibitors: Safe Therapeutic Options for Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2016 , 22, 719-23	4.5	20
146	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	6.2	20
145	Gold-coated plant virus as computed tomography imaging contrast agent. <i>Beilstein Journal of Nanotechnology</i> , 2019 , 10, 1983-1993	3	19
144	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	8	19
143	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	6.5	18
142	Role of immune checkpoint inhibitors in the revolutionization of advanced melanoma care. <i>International Immunopharmacology</i> , 2020 , 83, 106417	5.8	18
141	Fused deposition modelling: Current status, methodology, applications and future prospects. <i>Additive Manufacturing</i> , 2021 , 47, 102378	6.1	18
140	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	4.5	17
139	An overview of vaccine development for COVID-19. <i>Therapeutic Delivery</i> , 2021 , 12, 235-244	3.8	17
138	Current-status and applications of polysaccharides in drug delivery systems. <i>Colloids and Interface Science Communications</i> , 2021 , 42, 100418	5.4	17
137	Antiproliferative effects of boswellic acid-loaded chitosan nanoparticles on human lung cancer cell line A549. <i>Future Medicinal Chemistry</i> , 2020 , 12, 2019-2034	4.1	16

136	Hydroxylase inhibition regulates inflammation-induced intestinal fibrosis through the suppression of ERK-mediated TGF- β signaling. [corrected]. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 311, G1076-G1090	5.1	16
135	Immunological axis of berberine in managing inflammation underlying chronic respiratory inflammatory diseases. <i>Chemico-Biological Interactions</i> , 2020 , 317, 108947	5	15
134	Application of three-dimensional printing for colon targeted drug delivery systems. <i>International Journal of Pharmaceutical Investigation</i> , 2017 , 7, 47-59	1.5	15
133	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	6.5	15
132	Nanoemulsions as Effective Carriers for the Treatment of Lung Cancer 2019 , 217-247		15
131	Dietary Crocin is Protective in Pancreatic Cancer while Reducing Radiation-Induced Hepatic Oxidative Damage. <i>Nutrients</i> , 2020 , 12,	6.7	14
130	Nanocarriers: more than tour de force for thymoquinone. <i>Expert Opinion on Drug Delivery</i> , 2020 , 17, 479-494		14
129	Recent Advances in Self-Assembled Nanoparticles for Drug Delivery. <i>Current Drug Delivery</i> , 2020 , 17, 279-291	3.2	14
128	Emerging therapeutic potential of the iridoid molecule, asperuloside: A snapshot of its underlying molecular mechanisms. <i>Chemico-Biological Interactions</i> , 2020 , 315, 108911	5	14
127	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	3.4	14
126	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	2.8	13
125	Circadian Rhythm Disruption and Alzheimer's Disease: The Dynamics of a Vicious Cycle. <i>Current Neuropharmacology</i> , 2021 , 19, 248-264	7.6	13
124	COVID-19 Vaccines and Thrombosis-Roadblock or Dead-End Street?. <i>Biomolecules</i> , 2021 , 11,	5.9	13
123	Orally administered self-emulsifying drug delivery system in disease management: advancement and patents. <i>Expert Opinion on Drug Delivery</i> , 2021 , 18, 315-332	8	13
122	Polymeric nanoencapsulation of zaleplon into PLGA nanoparticles for enhanced pharmacokinetics and pharmacological activity. <i>Biopharmaceutics and Drug Disposition</i> , 2021 , 42, 12-23	1.7	13
121	Hybrid molecules based on 1,3,5-triazine as potential therapeutics: A focused review. <i>Drug Development Research</i> , 2020 , 81, 837-858	5.1	12
120	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	3.4	12
119	Nucleic Acid Aptamers as a Potential Nucleus Targeted Drug Delivery System. <i>Current Drug Delivery</i> , 2020 , 17, 101-111	3.2	11

118	Monotherapy of RAAS blockers and mobilization of aldosterone: A mechanistic perspective study in kidney disease. <i>Chemico-Biological Interactions</i> , 2020 , 317, 108975	5	10
117	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	2.2	9
116	Gold Nanoparticles Ameliorate Diabetic Cardiomyopathy in Streptozotocin-Induced Diabetic Rats. <i>Journal of Molecular Structure</i> , 2021 , 1231, 130009	3.4	9
115	Autoimmunity roots of the thrombotic events after COVID-19 vaccination. <i>Autoimmunity Reviews</i> , 2021 , 20, 102941	13.6	9
114	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	3.3	8
113	Dendrimer Based Nanoarchitectures in Diabetes Management: An Overview. <i>Current Pharmaceutical Design</i> , 2019 , 25, 2569-2583	3.3	8
112	COVID-19: Underpinning Research for Detection, Therapeutics, and Vaccines Development. <i>Pharmaceutical Nanotechnology</i> , 2020 , 8, 323-353	4	8
111	Synthesis and Anticancer Properties of Azole Based Chemotherapeutics as Emerging Chemical Moieties: A Comprehensive Review. <i>Current Organic Chemistry</i> , 2021 , 25, 654-668	1.7	8
110	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	5.6	8
109	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	7.9	7
108	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	5.1	7
107	Application of Nanomaterials in the Diagnosis and Treatment of Genetic Disorders 2020 , 125-146		7
106	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	8	7
105	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	2.1	7
104	Chronic respiratory diseases: An introduction and need for novel drug delivery approaches 2020 , 1-31		7
103	Molecular signaling of G-protein-coupled receptor in chronic heart failure and associated complications. <i>Drug Development Research</i> , 2020 , 81, 23-31	5.1	7
102	Predicting COVID-19-Comorbidity Pathway Crosstalk-Based Targets and Drugs: Towards Personalized COVID-19 Management. <i>Biomedicines</i> , 2021 , 9,	4.8	7
101	Dynamics of Prolyl Hydroxylases Levels During Disease Progression in Experimental Colitis. <i>Inflammation</i> , 2019 , 42, 2032-2036	5.1	6

100	Recent Advances in Metal-Based Antimicrobial Coatings for High-Touch Surfaces.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	6
99	pH-Sensitive nanoparticles containing 5-fluorouracil and leucovorin as an improved anti-cancer option for colon cancer.. <i>Nanomedicine</i> , 2022 ,	5.6	6
98	Notable sequence homology of the ORF10 protein introspects the architecture of SARS-COV-2		6
97	Emergence of Three Dimensional Printed Cardiac Tissue: Opportunities and Challenges in Cardiovascular Diseases. <i>Current Cardiology Reviews</i> , 2019 , 15, 188-204	2.4	6
96	Targeting eosinophils in respiratory diseases: Biological axis, emerging therapeutics and treatment modalities. <i>Life Sciences</i> , 2021 , 267, 118973	6.8	6
95	The transcription factor HIF-1 β mediates plasticity of NKp46+ innate lymphoid cells in the gut.. <i>Journal of Experimental Medicine</i> , 2022 , 219,	16.6	5
94	Alzheimer's disease-like perturbations in HIV-mediated neuronal dysfunctions: understanding mechanisms and developing therapeutic strategies. <i>Open Biology</i> , 2020 , 10, 200286	7	5
93	A unique view of SARS-CoV-2 through the lens of ORF8 protein		5
92	Probing 3CL protease: Rationally designed chemical moieties for COVID-19. <i>Drug Development Research</i> , 2020 , 81, 911	5.1	5
91	Advances in nanotechnology-based drug delivery in targeting PI3K signaling in respiratory diseases. <i>Nanomedicine</i> , 2021 , 16, 1351-1355	5.6	5
90	SARS-CoV-2 research using human pluripotent stem cells and organoids. <i>Stem Cells Translational Medicine</i> , 2021 , 10, 1491-1499	6.9	5
89	Natural compounds as safe therapeutic options for ulcerative colitis.. <i>Inflammopharmacology</i> , 2022 , 30, 397	5.1	5
88	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	3.6	4
87	Formulation Development and Evaluation of Pravastatin-Loaded Nanogel for Hyperlipidemia Management.. <i>Gels</i> , 2022 , 8,	4.2	4
86	Molecular nanoinformatics approach assessing the biocompatibility of biogenic silver nanoparticles with channelized intrinsic steatosis and apoptosis. <i>Green Chemistry</i> ,	10	4
85	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	6.5	4
84	Variability of Accessory Proteins Rules the SARS-CoV-2 Pathogenicity		4
83	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	0.9	4

82	Oral Nanoemulsion of Fenofibrate: Formulation, Characterization, and Drug Release Studies. <i>Assay and Drug Development Technologies</i> , 2021 , 19, 246-261	2.1	4
81	Emerging concepts and directed therapeutics for the management of asthma: regulating the regulators. <i>Inflammopharmacology</i> , 2021 , 29, 15-33	5.1	4
80	Pharmaceutical Aspects of Green Synthesized Silver Nanoparticles: A Boon to Cancer Treatment. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021 , 21, 1490-1509	2.2	4
79	Overview of key molecular and pharmacological targets for diabetes and associated diseases. <i>Life Sciences</i> , 2021 , 278, 119632	6.8	4
78	Hypoxia-Inducible Factor (HIF): Fuel for Cancer Progression. <i>Current Molecular Pharmacology</i> , 2021 , 14, 321-332	3.7	4
77	Porphyromonas gingivalis (W83) Infection Induces Alzheimer's Disease-Like Pathophysiology in Obese and Diabetic Mice. <i>Journal of Alzheimer's Disease</i> , 2021 , 82, 1259-1275	4.3	4
76	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	1.3	4
75	The mechanism behind flaring/triggering of autoimmunity disorders associated with COVID-19. <i>Autoimmunity Reviews</i> , 2021 , 20, 102909	13.6	4
74	SARS-CoV-2 and Coronavirus Disease Mitigation: Treatment Options, Vaccinations and Variants.. <i>Pathogens</i> , 2022 , 11,	4.5	4
73	Importance of STAT3 signalling in cancer, metastasis and therapeutic interventions.. <i>Cellular Signalling</i> , 2022 , 110275	4.9	3
72	The Isolation of a Novel Streptomyces 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	2.6	3
71	Alleviation of diabetic nephropathy by zinc oxide nanoparticles in streptozotocin-induced type 1 diabetes in rats. <i>IET Nanobiotechnology</i> , 2021 , 15, 473-483	2	3
70	Impacts and Consequences of COVID-19 Epidemic on Global Economy. <i>Coronaviruses</i> , 2021 , 2, 77-88	1.5	3
69	The viral capsid as novel nanomaterials for drug delivery. <i>Future Science OA</i> , 2021 , 7, FSO744	2.7	3
68	Crocic Acid Inhibits Angiogenesis and Metastasis in Colon Cancer via TNF- α /NF- κ B/VEGF Pathways.. <i>Cells</i> , 2022 , 11,	7.9	3
67	Emergence of unique SARS-CoV-2 ORF10 variants and their impact on protein structure and function. <i>International Journal of Biological Macromolecules</i> , 2021 , 194, 128-143	7.9	2
66	The importance of accessory protein variants in the pathogenicity of SARS-CoV-2.. <i>Archives of Biochemistry and Biophysics</i> , 2022 , 717, 109124	4.1	2
65	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	1.3	2

64	Current biological and pharmacological updates on wogonin. <i>EXCLI Journal</i> , 2020 , 19, 635-640	2.4	2
63	Exploiting the Metabolism of the Gut Microbiome as a Vehicle for Targeted Drug Delivery to the Colon.. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
62	Nanocelluloses in Sensing Technology 2021 , 1-30		2
61	Bio-analytical Assay Methods used in Therapeutic Drug Monitoring of Antiretroviral Drugs-A Review. <i>Current Drug Therapy</i> , 2019 , 14, 16-57	0.7	2
60	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	1.7	2
59	Role of Glucagon-Like Peptide-1 (GLP-1) Receptor Agonists in Hypoglycemia. <i>Clinical Medicine Insights: Endocrinology and Diabetes</i> , 2021 , 14, 11795514211051697	4.3	2
58	Unique features concerning the proximal origin of SARS-CoV-2		2
57	Beyond the Obvious: Smoking and Respiratory Infection Implications on Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020 , 19, 698-708	2.6	2
56	Oxidative Stress and Immunological Complexities in Multidrug-Resistant Tuberculosis 2020 , 107-124		2
55	An Appraisal of the Current Scenario in Vaccine Research for COVID-19. <i>Viruses</i> , 2021 , 13,	6.2	2
54	Oral adjuvant therapy for colorectal cancer: recent developments and future targets. <i>Therapeutic Delivery</i> , 2019 , 10, 659-669	3.8	2
53	Novel Controlled Release Pulmonary Drug Delivery Systems: Current updates and Challenges 2021 , 253-272		2
52	Nanotechnology based advanced therapeutic strategies for targeting interleukins in chronic respiratory diseases. <i>Chemico-Biological Interactions</i> , 2021 , 348, 109637	5	2
51	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	1.9	2
50	Synthesis, Characterization, and Assessment of Anti-Cancer Potential of ZnO Nanoparticles in an In Vitro Model of Breast Cancer.. <i>Molecules</i> , 2022 , 27,	4.8	2
49	Nanocelluloses as a Novel Vehicle for Controlled Drug Delivery 2021 , 1-37		1
48	Concepts of advanced therapeutic delivery systems for the management of remodeling and inflammation in airway diseases.. <i>Future Medicinal Chemistry</i> , 2022 ,	4.1	1
47	A new era in oxygen therapeutics? From perfluorocarbon systems to haemoglobin-based oxygen carriers.. <i>Blood Reviews</i> , 2022 , 100927	11.1	1

46	Targeting lung cancer using advanced drug delivery systems 2020 , 493-516		1
45	Effects of <i>Artemisia judaica</i> essential oil and ethanolic extract on experimentally-induced benign prostatic hyperplasia. <i>Pharmacognosy Magazine</i> , 2020 , 16, 569	0.8	1
44	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> , 2021 , 1	6.2	1
43	Nanosuspensions - An Update on Recent Patents, Methods of Preparation, and Evaluation Parameters. <i>Recent Patents on Nanotechnology</i> , 2021 , 15, 351-366	1.2	1
42	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	3.9	1
41	Prolyl Hydroxylase 1 (PHD1) and Factor Inhibiting HIF (FIH) regulate IL-1 β -induced NF- κ B activity linking key hypoxic and inflammatory signaling pathways. <i>FASEB Journal</i> , 2013 , 27, 717.9	0.9	1
40	An Issue of Concern: Unique Truncated ORF8 Protein Variants of SARS-CoV-2		1
39	Comparative in vitro evaluation of glimepiride containing nanosuspension drug delivery system developed by different techniques. <i>Journal of Molecular Structure</i> , 2021 , 1231, 129927	3.4	1
38	Innovative Applications of Plant Viruses in Drug Targeting and Molecular Imaging- A Review. <i>Current Medical Imaging</i> , 2021 , 17, 491-506	1.2	1
37	Targeting siRNAs in cancer drug delivery 2021 , 447-460		1
36	Bioinspired Nanomaterials for Improving Sensing and Imaging Spectroscopy 2021 , 191-212		1
35	An Overview of Copper Nanoparticles: Synthesis, Characterisation and Anticancer Activity. <i>Current Pharmaceutical Design</i> , 2021 , 27, 4416-4432	3.3	1
34	An Overview of Nano Delivery Systems for Targeting RNA Interference-based Therapy in Ulcerative Colitis. <i>Current Pharmaceutical Design</i> , 2021 , 27, 2904-2914	3.3	1
33	Periodically aperiodic pattern of SARS-CoV-2 mutations underpins the uncertainty of its origin and evolution. <i>Environmental Research</i> , 2021 , 204, 112092	7.9	1
32	Potential Molecular Mechanisms of Rare Anti-Tumor Immune Response by SARS-CoV-2 in Isolated Cases of Lymphomas. <i>Viruses</i> , 2021 , 13,	6.2	1
31	Targeting LIN28: a new hope in prostate cancer theranostics. <i>Future Oncology</i> , 2021 , 17, 3873-3880	3.6	1
30	Implications derived from S-protein variants of SARS-CoV-2 from six continents. <i>International Journal of Biological Macromolecules</i> , 2021 , 191, 934-955	7.9	1
29	Clinical utility of novel biosensing platform: Diagnosis of coronavirus SARS-CoV-2 at point of care. <i>Materials Letters</i> , 2021 , 304, 130612	3.3	1

28	Recent Advances in Anticancer Activity of Novel Plant Extracts and Compounds from Curcuma longa in Hepatocellular Carcinoma.. <i>Journal of Gastrointestinal Cancer</i> , 2022 , 1	1.6	1
27	An issue of concern: unique truncated ORF8 protein variants of SARS-CoV-2.. <i>PeerJ</i> , 2022 , 10, e13136	3.1	1
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