

Gaurav Gupta

List of Publications by Year in Descending Order

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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.

254
papers

4,613
citations

33
h-index

52
g-index

277
ext. papers

6,159
ext. citations

4.6
avg, IF

5.93
L-index

#	Paper	IF	Citations
254	Nature bioinspired and engineered nanomaterials 2022 , 31-58		0
253	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, 1-18	3.6	3
252	Biological databases and tools for neurological disorders.. <i>Journal of Integrative Neuroscience</i> , 2022 , 21, 41	1.5	0
251	Preparation and Evaluation of Gefitinib Containing Nanoliposomal Formulation for Lung Cancer Therapy. <i>BioNanoScience</i> , 2022 , 12, 241	3.4	0
250	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	5	5
249	Overcoming drug delivery barriers and challenges in topical therapy of atopic dermatitis: A nanotechnological perspective.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 147, 112633	7.5	6
248	One-step synthesis of picolinohydrazides from fusaric acid: DFT, structural characterization and molecular inhibitory studies on metastatic tumor-derived exosomal and non-exosomal proteins. <i>Journal of Molecular Structure</i> , 2022 , 1255, 132442	3.4	1
247	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	5.3	1
246	Berberine-loaded liquid crystalline nanoparticles inhibit non-small cell lung cancer proliferation and migration in vitro.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	5
245	Role of platelet rich plasma mediated repair and regeneration of cell in early stage of cardiac injury.. <i>Regenerative Therapy</i> , 2022 , 19, 144-153	3.7	0
244	Expanding arsenal against diabetes mellitus through nanoformulations loaded with glimepiride and simvastatin: A comparative study.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	1
243	Molecular mechanisms of developmental pathways in neurological disorders: a pharmacological and therapeutic review.. <i>Open Biology</i> , 2022 , 12, 210289	7	1
242	Harnessing the therapeutic potential of fisetin and its nanoparticles: Journey so far and road ahead.. <i>Chemico-Biological Interactions</i> , 2022 , 109869	5	1
241	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	5	6
240	Journey of Alpinia galanga from kitchen spice to nutraceutical to folk medicine to nanomedicine.. <i>Journal of Ethnopharmacology</i> , 2022 , 115144	5	1
239	Dendrimers: Properties and Applications in Biomedical Field 2022 , 215-243		1
238	Vesicular Drug Delivery Systems in Respiratory Diseases 2022 , 125-141		

237	Biomedical applications of metallic nanoparticles in cancer: Current status and future perspectives.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 150, 112951	7.5	8
236	Sepsis triggered oxidative stress-inflammatory axis: the pathobiology of reprogramming in the normal sleep-wake cycle.. <i>Molecular and Cellular Biochemistry</i> , 2022 , 1	4.2	0
235	Exosomal mediated signal transduction through artificial microRNA (amiRNA): A potential target for inhibition of SARS-CoV-2.. <i>Cellular Signalling</i> , 2022 , 110334	4.9	0
234	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	7.1	3
233	Emerging Paradigms in Bioengineering the Lungs. <i>Bioengineering</i> , 2022 , 9, 195	5.3	1
232	Rediscovering the Therapeutic Potential of Agarwood in the Management of Chronic Inflammatory Diseases.. <i>Molecules</i> , 2022 , 27,	4.8	2
231	Advances in designing of polymeric micelles for biomedical application in brain related diseases.. <i>Chemico-Biological Interactions</i> , 2022 , 361, 109960	5	4
230	Phytochemical constituents, Ethno medicinal properties and Applications of Plant: Litsea glutinosa (Lour.) C.B. Robinson (Lauraceae). <i>Research Journal of Pharmacy and Technology</i> , 2021 , 6113-6118	1.7	
229	COVID-19 in underlying COPD Patients. <i>EXCLI Journal</i> , 2021 , 20, 248-251	2.4	1
228	Activation of TWEAK/Fn14 signaling suppresses TRAFs/NF- κ B pathway in the pathogenesis of cancer. <i>EXCLI Journal</i> , 2021 , 20, 232-235	2.4	2
227	Recent update on barbiturate in relation to brain disorder. <i>EXCLI Journal</i> , 2021 , 20, 1028-1032	2.4	
226	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> , 2021 , 1	6.2	1
225	Protein and peptide delivery to lungs by using advanced targeted drug delivery. <i>Chemico-Biological Interactions</i> , 2021 , 351, 109706	5	2
224	Nutraceuticals: unlocking newer paradigms in the mitigation of inflammatory lung diseases. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-31	11.5	7
223	Microfluidic chips: recent advances, critical strategies in design, applications and future perspectives. <i>Microfluidics and Nanofluidics</i> , 2021 , 25, 99	2.8	10
222	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
221	A review on epidermal growth factor receptor's role in breast and non-small cell lung cancer. <i>Chemico-Biological Interactions</i> , 2021 , 351, 109735	5	3
220	Calcium sensing receptor hyperactivation through viral envelop protein E of SARS CoV2: A novel target for cardio-renal damage in COVID-19 infection. <i>Drug Development Research</i> , 2021 , 82, 784-788	5.1	1

219	An overview of vaccine development for COVID-19. <i>Therapeutic Delivery</i> , 2021 , 12, 235-244	3.8	17
218	Synthesis and Anticancer Properties of β -azole-Based Chemotherapeutics as Emerging Chemical Moieties: A Comprehensive Review. <i>Current Organic Chemistry</i> , 2021 , 25, 654-668	1.7	8
217	Rutin-loaded liquid crystalline nanoparticles attenuate oxidative stress in bronchial epithelial cells: a PCR validation. <i>Future Medicinal Chemistry</i> , 2021 , 13, 543-549	4.1	6
216	The FBXW7-NOTCH interactome: A ubiquitin proteasomal system-induced crosstalk modulating oncogenic transformation in human tissues. <i>Cancer Reports</i> , 2021 , 4, e1369	1.5	5
215	Treatment of chronic airway diseases using nutraceuticals: Mechanistic insight. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-15	11.5	2
214	Harnessing amphiphilic polymeric micelles for diagnostic and therapeutic applications: Breakthroughs and bottlenecks. <i>Journal of Controlled Release</i> , 2021 , 334, 64-95	11.7	21
213	Middle East Respiratory Syndrome (MERS) Virus-Pathophysiological Axis and the Current Treatment Strategies. <i>AAPS PharmSciTech</i> , 2021 , 22, 173	3.9	6
212	N-terminal domain of SARS CoV-2 spike protein mutation associated reduction in effectivity of neutralizing antibody with vaccinated individuals. <i>Journal of Medical Virology</i> , 2021 , 93, 5726-5728	19.7	5
211	Rutin loaded liquid crystalline nanoparticles inhibit non-small cell lung cancer proliferation and migration in vitro. <i>Life Sciences</i> , 2021 , 276, 119436	6.8	13
210	Advances in nanotechnology-based drug delivery in targeting PI3K signaling in respiratory diseases. <i>Nanomedicine</i> , 2021 , 16, 1351-1355	5.6	5
209	Celastrol-loaded liquid crystalline nanoparticles as an anti-inflammatory intervention for the treatment of asthma. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021 , 70, 754-763	3	22
208	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	5	4
207	QbD-driven formulation development and evaluation of topical hydrogel containing ketoconazole loaded cubosomes. <i>Materials Science and Engineering C</i> , 2021 , 119, 111548	8.3	22
206	Anti-inflammatory and anticancer activities of Naringenin-loaded liquid crystalline nanoparticles in vitro. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13572	3.3	20
205	Osteoarthritis: Prognosis and emerging therapeutic approach for disease management. <i>Drug Development Research</i> , 2021 , 82, 49-58	5.1	3
204	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	2	
203	Novel Controlled Release Pulmonary Drug Delivery Systems: Current updates and Challenges 2021 , 253-272		2
202	Impact of Bariatric Surgery in Reducing Macrovascular Complications in Severely Obese T2DM Patients. <i>Obesity Surgery</i> , 2021 , 31, 1929-1936	3.7	2

201	Role of Epithelial-to-Mesenchymal Transition Markers in Different Stages of Endometriosis: Expression of the Snail, Slug, ZEB1, and Twist Genes. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2021 , 31, 89-95	1.3	1
200	Bioinspired Nanomaterials for Improving Sensing and Imaging Spectroscopy 2021 , 191-212		1
199	Targeting eosinophils in respiratory diseases: Biological axis, emerging therapeutics and treatment modalities. <i>Life Sciences</i> , 2021 , 267, 118973	6.8	6
198	Emerging cases of mucormycosis under COVID-19 pandemic in India: Misuse of antibiotics. <i>Drug Development Research</i> , 2021 , 82, 880-882	5.1	5
197	Bracing NK cell based therapy to relegate pulmonary inflammation in COVID-19. <i>Heliyon</i> , 2021 , 7, e07635	5.6	6
196	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	7.9	1
195	The viral capsid as novel nanomaterials for drug delivery. <i>Future Science OA</i> , 2021 , 7, FSO744	2.7	3
194	Overview of key molecular and pharmacological targets for diabetes and associated diseases. <i>Life Sciences</i> , 2021 , 278, 119632	6.8	4
193	Hypoxia-Inducible Factor (HIF): Fuel for Cancer Progression. <i>Current Molecular Pharmacology</i> , 2021 , 14, 321-332	3.7	4
192	Effect of Remdesivir on COVID-19 PCR Positivity and Cycle Threshold in Kidney Transplant Recipients. <i>Transplantology</i> , 2021 , 2, 291-293	1	1
191	Nuclear factor-kappa B and its role in inflammatory lung disease. <i>Chemico-Biological Interactions</i> , 2021 , 345, 109568	5	23
190	A novel nano therapeutic using convalescent plasma derived exosomal (CP) for COVID-19: A combined hyperactive immune modulation and diagnostics. <i>Chemico-Biological Interactions</i> , 2021 , 344, 109497	5	6
189	Advanced drug delivery approaches in managing TGF- β -mediated remodeling in lung diseases. <i>Nanomedicine</i> , 2021 , 16, 2243-2247	5.6	1
188	Recent updates on animal models for understanding the etiopathogenesis of polycystic ovarian syndrome. <i>Life Sciences</i> , 2021 , 280, 119753	6.8	3
187	Revolutionizing polymer-based nanoparticle-linked vaccines for targeting respiratory viruses: A perspective. <i>Life Sciences</i> , 2021 , 280, 119744	6.8	4
186	The role of HGF/MET in liver cancer. <i>Future Medicinal Chemistry</i> , 2021 , 13, 1829-1832	4.1	3
185	A global comparison of implementation and effectiveness of materiovigilance program: overview of regulations. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 59608-59629	5.1	1
184	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

183	Disruption of the biological activity of protease-activated receptors2/4 in adults rather than children in SARS CoV-2 virus-mediated mortality in COVID-19 infection. <i>Drug Development Research</i> , 2021 , 82, 1075-1078	5.1	3
182	Development of mushroom polysaccharide and probiotics based solid self-nanoemulsifying drug delivery system loaded with curcumin and quercetin to improve their dissolution rate and permeability: State of the art. <i>International Journal of Biological Macromolecules</i> , 2021 , 189, 744-757	7.9	4
181	Current update on psyllium and alginate incorporate for interpenetrating polymer network (IPN) and their biomedical applications. <i>International Journal of Biological Macromolecules</i> , 2021 , 191, 432-444	7.9	3
180	Combination therapy of vanillic acid and oxaliplatin co-loaded in polysaccharide based functionalized polymeric micelles could offer effective treatment for colon cancer: A hypothesis. <i>Medical Hypotheses</i> , 2021 , 156, 110679	3.8	0
179	Evidence of Coronavirus (CoV) Pathogenesis and Emerging Pathogen SARS-CoV-2 in the Nervous System: A Review on Neurological Impairments and Manifestations. <i>Journal of Molecular Neuroscience</i> , 2021 , 71, 2192-2209	3.3	32
178	Complete Blood-count-based Inflammatory Score (CBCS) of COVID-19 Patients at Tertiary Care Center. <i>Alternative Therapies in Health and Medicine</i> , 2021 , 27, 18-24	2.5	5
177	RAAS blockers in hypertension posing a higher risk toward the COVID-19. <i>Dermatologic Therapy</i> , 2020 , 33, e13501	2.2	9
176	Plants derived therapeutic strategies targeting chronic respiratory diseases: Chemical and immunological perspective. <i>Chemico-Biological Interactions</i> , 2020 , 325, 109125	5	24
175	Emerging dermatological symptoms in coronavirus pandemic. <i>Journal of Cosmetic Dermatology</i> , 2020 , 19, 2447-2448	2.5	5
174	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
173	Oxidative Stress in Neurology and in Neurodegenerative Processes 2020 , 49-65		7
172	SARS CoV-2 aggravates cellular metabolism mediated complications in COVID-19 infection. <i>Dermatologic Therapy</i> , 2020 , 33, e13871	2.2	23
171	Cellular signalling pathways mediating the pathogenesis of chronic inflammatory respiratory diseases: an update. <i>Inflammopharmacology</i> , 2020 , 28, 795-817	5.1	35
170	Carbazole-based green and blue-BODIPY dyads and triads as donors for bulk heterojunction organic solar cells. <i>Dalton Transactions</i> , 2020 , 49, 5606-5617	4.3	20
169	Emerging trends in nanomedicine for topical delivery in skin disorders: Current and translational approaches. <i>Dermatologic Therapy</i> , 2020 , 33, e13292	2.2	13
168	Dietary Crocin is Protective in Pancreatic Cancer while Reducing Radiation-Induced Hepatic Oxidative Damage. <i>Nutrients</i> , 2020 , 12,	6.7	14
167	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
166	Nanocarriers: more than tour de force for thymoquinone. <i>Expert Opinion on Drug Delivery</i> , 2020 , 17, 479-494		14

165	The influence of the terminal acceptor and oligomer length on the photovoltaic properties of ADA small molecule donors. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 4763-4770	7.1	8
164	Immunological axis of berberine in managing inflammation underlying chronic respiratory inflammatory diseases. <i>Chemico-Biological Interactions</i> , 2020 , 317, 108947	5	15
163	Nanomedicine advances in cancer therapy 2020 , 219-253		12
162	COVID-19 transmission through host cell directed network of GPCR. <i>Drug Development Research</i> , 2020 , 81, 647-649	5.1	17
161	Molecular mechanisms of action of naringenin in chronic airway diseases. <i>European Journal of Pharmacology</i> , 2020 , 879, 173139	5.3	29
160	Applications of 3D printing for the advancement of oral dosage forms 2020 , 39-57		2
159	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
158	Therapeutic Role of Natural Agents in the Management of Coronary Artery Disease: A Review. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2020 , 39, 159-177	2.1	5
157	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
156	Current biological and pharmacological updates on wogonin. <i>EXCLI Journal</i> , 2020 , 19, 635-640	2.4	2
155	Interferon therapy for preventing COPD exacerbations. <i>EXCLI Journal</i> , 2020 , 19, 1477-1480	2.4	
154	Emerging prospects of vitamin D3 in metabolic syndrome: A proof of concept (POC) approach targeting inflammation. <i>EXCLI Journal</i> , 2020 , 19, 1512-1516	2.4	1
153	Applications of Nanocarriers as Drug Delivery Vehicles for Active Phytoconstituents. <i>Current Pharmaceutical Design</i> , 2020 , 26, 4580-4590	3.3	17
152	MicroRNAs as Biomarker for Breast Cancer. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020 , 20, 1597-1610	2.2	10
151	Molecular and Immunological Mechanisms Underlying the Various Pharmacological Properties of the Potent Bioflavonoid, Rutin. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020 , 20, 1590-1596	2.2	10
150	COVID-19: Underpinning Research for Detection, Therapeutics, and Vaccines Development. <i>Pharmaceutical Nanotechnology</i> , 2020 , 8, 323-353	4	8
149	Curcumin-loaded niosomes downregulate mRNA expression of pro-inflammatory markers involved in asthma: an study. <i>Nanomedicine</i> , 2020 , 15, 2955-2970	5.6	5
148	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

147	Advancement in translational respiratory research using nanotechnology 2020 , 211-225		
146	Pulmonary Bioadhesive Drug Delivery Systems and Their Applications 2020 , 371-390		4
145	Plant-based drug delivery systems in respiratory diseases 2020 , 517-539		2
144	Obesity and Diabetes: Pathophysiology of Obesity-Induced Hyperglycemia and Insulin Resistance 2020 , 81-97		4
143	Albumin Nano-Encapsulation of Piceatannol Enhances Its Anticancer Potential in Colon Cancer Via Downregulation of Nuclear p65 and HIF-1 β <i>Cancers</i> , 2020 , 12,	6.6	52
142	A bis(diketopyrrolopyrrole) dimer-containing ligand in platinum(II) polyene oligomers exhibiting ultrafast photoinduced electron transfer with PCBM and solar cell properties. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 2363-2380	7.1	3
141	Accepting to Donate: NDI-Based Small Molecule as a Donor for Bulk Heterojunction Binary Solar Cells. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 1603-1610	3.2	4
140	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
139	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
138	Polymer solar cell based on ternary active layer consists of medium bandgap polymer and two non-fullerene acceptors. <i>Solar Energy</i> , 2020 , 207, 1427-1433	6.8	3
137	Small interfering RNA for cancer treatment: overcoming hurdles in delivery. <i>Acta Pharmaceutica Sinica B</i> , 2020 , 10, 2075-2109	15.5	30
136	Advanced drug delivery systems can assist in managing influenza virus infection: A hypothesis. <i>Medical Hypotheses</i> , 2020 , 144, 110298	3.8	10
135	Perspectives and advancements in the design of nanomaterials for targeted cancer theranostics. <i>Chemico-Biological Interactions</i> , 2020 , 329, 109221	5	28
134	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
133	Identification of a Protective Antigen Dihydrolipoyl Dehydrogenase and Its Responding CD4 T Cells at Clonal Level. <i>Journal of Immunology</i> , 2020 , 205, 1355-1364	5.3	0
132	Probing 3CL protease: Rationally designed chemical moieties for COVID-19. <i>Drug Development Research</i> , 2020 , 81, 911	5.1	5
131	Advanced drug delivery systems can assist in targeting coronavirus disease (COVID-19): A hypothesis. <i>Medical Hypotheses</i> , 2020 , 144, 110254	3.8	17
130	Efficient Fullerene-Free Organic Solar Cells Using a Coumarin-Based Wide-Band-Gap Donor Material. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 41869-41876	9.5	14

129	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
128	Targeting neutrophils using novel drug delivery systems in chronic respiratory diseases. <i>Drug Development Research</i> , 2020 , 81, 419-436	5.1	37
127	Gender and Age Differences Reveal Risk Patterns in COVID-19 Outbreak. <i>Alternative Therapies in Health and Medicine</i> , 2020 , 26, 54-55	2.5	12
126	Emerging trends in the novel drug delivery approaches for the treatment of lung cancer. <i>Chemico-Biological Interactions</i> , 2019 , 309, 108720	5	94
125	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
124	Oligonucleotide therapy: An emerging focus area for drug delivery in chronic inflammatory respiratory diseases. <i>Chemico-Biological Interactions</i> , 2019 , 308, 206-215	5	52
123	Antiretroviral agents in pre-exposure prophylaxis: emerging and advanced trends in HIV prevention. <i>Journal of Pharmacy and Pharmacology</i> , 2019 , 71, 1339-1352	4.8	6
122	Rosmarinic acid attenuates inflammation in experimentally induced arthritis in Wistar rats, using Freund's complete adjuvant. <i>International Journal of Rheumatic Diseases</i> , 2019 , 22, 1247-1254	2.3	23
121	Inflammasome gene expression is associated with immunopathology in human localized cutaneous leishmaniasis. <i>Cellular Immunology</i> , 2019 , 341, 103920	4.4	12
120	A contemporary biological pathway of islet amyloid polypeptide for the management of diabetic dementia. <i>Chemico-Biological Interactions</i> , 2019 , 306, 117-122	5	9
119	Interactions with the macrophages: An emerging targeted approach using novel drug delivery systems in respiratory diseases. <i>Chemico-Biological Interactions</i> , 2019 , 304, 10-19	5	59
118	Identification of biomarkers and genetic approaches toward chronic obstructive pulmonary disease. <i>Journal of Cellular Physiology</i> , 2019 , 234, 16703-16723	7	27
117	Current Status on Immunological Therapies for Type 1 Diabetes Mellitus. <i>Current Diabetes Reports</i> , 2019 , 19, 22	5.6	11
116	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
115	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
114	Formulation and characterization of glibenclamide and quercetin-loaded chitosan nanogels targeting skin permeation. <i>Therapeutic Delivery</i> , 2019 , 10, 281-293	3.8	30
113	Interactions between microbiome and lungs: Paving new paths for microbiome based bio-engineered drug delivery systems in chronic respiratory diseases. <i>Chemico-Biological Interactions</i> , 2019 , 310, 108732	5	14
112	Nanoparticle-Based Drug Delivery for Chronic Obstructive Pulmonary Disorder and Asthma: Progress and Challenges 2019 , 59-73		8

111	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
110	Role of Aqueous Extract of the Wood Ear Mushroom, <i>Auricularia polytricha</i> (Agaricomycetes), in Avoidance of Haloperidol-Induced Catalepsy via Oxidative Stress in Rats. <i>International Journal of Medicinal Mushrooms</i> , 2019 , 21, 323-330	1.3	8
109	Metformin: A Salutary Candidate for Colorectal Cancer Treatment in Patients with Diabetes. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2019 , 38, 133-141	2.1	18
108	Recent updates on daidzein against oxidative stress and cancer. <i>EXCLI Journal</i> , 2019 , 18, 950-954	2.4	4
107	3D Printing Technology: A New Milestone in the Development of Pharmaceuticals. <i>Current Pharmaceutical Design</i> , 2019 , 25, 937-945	3.3	14
106	Emerging Complexity and the Need for Advanced Drug Delivery in Targeting <i>Candida</i> Species. <i>Current Topics in Medicinal Chemistry</i> , 2019 , 19, 2593-2609	3	21
105	Targeting bacterial biofilms in pulmonary diseases in pediatric population. <i>Minerva Pediatrica</i> , 2019 , 71, 309-310	1.6	7
104	Mitogen-Activated Protein Kinase (MAPK): New Insights in Breast Cancer. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2019 , 38, 51-59	2.1	23
103	Current Update on Preclinical and Clinical Studies of Resveratrol, a Naturally Occurring Phenolic Compound. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2019 , 29, 529-537	1.3	11
102	Molecular modulators of celastrol as the keystones for its diverse pharmacological activities. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 1785-1792	7.5	53
101	Microneedles: A smart approach and increasing potential for transdermal drug delivery system. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 1249-1258	7.5	325
100	Microsponge: An emerging drug delivery strategy. <i>Drug Development Research</i> , 2019 , 80, 200-208	5.1	17
99	Increasing complexity and interactions of oxidative stress in chronic respiratory diseases: An emerging need for novel drug delivery systems. <i>Chemico-Biological Interactions</i> , 2019 , 299, 168-178	5	71
98	Role of hepatic stellate cell (HSC)-derived cytokines in hepatic inflammation and immunity. <i>Cytokine</i> , 2019 , 124, 154542	4	12
97	The role of bevacizumab on tumour angiogenesis and in the management of gynaecological cancers: A review. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 102, 1127-1144	7.5	27
96	Immunological axis of curcumin-loaded vesicular drug delivery systems. <i>Future Medicinal Chemistry</i> , 2018 , 10, 839-844	4.1	17
95	Antibody mediated rejection due to de-novo DSA causing venous thrombosis of pancreas allograft - A case report. <i>Transplant Immunology</i> , 2018 , 47, 22-25	1.7	2
94	New-onset serositis in a kidney transplant patient. <i>American Journal of Transplantation</i> , 2018 , 18, 518-520.7		

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