

Md Jamal Uddin

List of Publications by Citations

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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.

64 papers	848 citations	19 h-index	26 g-index
82 ext. papers	1,310 ext. citations	4.3 avg, IF	4.71 L-index

#	Paper	IF	Citations
64	IRG1 induced by heme oxygenase-1/carbon monoxide inhibits LPS-mediated sepsis and pro-inflammatory cytokine production. <i>Cellular and Molecular Immunology</i> , 2016 , 13, 170-9	15.4	70
63	Salvianolic acid B exerts vasoprotective effects through the modulation of heme oxygenase-1 and arginase activities. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012 , 341, 850-8	4.7	59
62	Delayed treatment with fenofibrate protects against high-fat diet-induced kidney injury in mice: the possible role of AMPK autophagy. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 312, F323-F334	4.3	34
61	Neuroprotective Potentials of Marine Algae and Their Bioactive Metabolites: Pharmacological Insights and Therapeutic Advances. <i>Marine Drugs</i> , 2020 , 18,	6	33
60	Intermittent fasting, a possible priming tool for host defense against SARS-CoV-2 infection: Crosstalk among calorie restriction, autophagy and immune response. <i>Immunology Letters</i> , 2020 , 226, 38-45	4.1	32
59	Cilostazol attenuates murine hepatic ischemia and reperfusion injury via heme oxygenase-dependent activation of mitochondrial biogenesis. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 309, G21-9	5.1	30
58	Phytochemicals as a Complement to Cancer Chemotherapy: Pharmacological Modulation of the Autophagy-Apoptosis Pathway. <i>Frontiers in Pharmacology</i> , 2021 , 12, 639628	5.6	29
57	Novel Plasminogen Activator Inhibitor-1 Inhibitors Prevent Diabetic Kidney Injury in a Mouse Model. <i>PLoS ONE</i> , 2016 , 11, e0157012	3.7	28
56	Carbon monoxide attenuates dextran sulfate sodium-induced colitis via inhibition of GSK-3 β signaling. <i>Oxidative Medicine and Cellular Longevity</i> , 2013 , 2013, 210563	6.7	27
55	Carbon monoxide-releasing molecules reverse leptin resistance induced by endoplasmic reticulum stress. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 304, E780-8	6	25
54	Molecular Insights Into Therapeutic Potential of Autophagy Modulation by Natural Products for Cancer Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 283	5.7	24
53	A novel pan-Nox inhibitor, APX-115, protects kidney injury in streptozotocin-induced diabetic mice: possible role of peroxisomal and mitochondrial biogenesis. <i>Oncotarget</i> , 2017 , 8, 74217-74232	3.3	23
52	Prospects of honey in fighting against COVID-19: pharmacological insights and therapeutic promises. <i>Heliyon</i> , 2020 , 6, e05798	3.6	23
51	PGC-1 α potential therapeutic target against kidney aging. <i>Aging Cell</i> , 2019 , 18, e12994	9.9	22
50	Emerging risk of environmental factors: insight mechanisms of Alzheimer's diseases. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 44659-44672	5.1	21
49	A functional link between heme oxygenase-1 and tristetraprolin in the anti-inflammatory effects of nicotine. <i>Free Radical Biology and Medicine</i> , 2013 , 65, 1331-9	7.8	21
48	Modulatory Effects of Autophagy on APP Processing as a Potential Treatment Target for Alzheimer's Disease. <i>Biomedicines</i> , 2020 , 9,	4.8	20

47	The impaired redox balance in peroxisomes of catalase knockout mice accelerates nonalcoholic fatty liver disease through endoplasmic reticulum stress. <i>Free Radical Biology and Medicine</i> , 2020 , 148, 22-32	7.8	20
46	Revisiting pharmacological potentials of Nigella sativa seed: A promising option for COVID-19 prevention and cure. <i>Phytotherapy Research</i> , 2021 , 35, 1329-1344	6.7	19
45	Pharmacotherapy against Oxidative Stress in Chronic Kidney Disease: Promising Small Molecule Natural Products Targeting Nrf2-HO-1 Signaling. <i>Antioxidants</i> , 2021 , 10,	7.1	19
44	Revisiting potential druggable targets against SARS-CoV-2 and repurposing therapeutics under preclinical study and clinical trials: A comprehensive review. <i>Drug Development Research</i> , 2020 , 81, 919	5.1	17
43	Black Cumin (L.): A Comprehensive Review on Phytochemistry, Health Benefits, Molecular Pharmacology, and Safety. <i>Nutrients</i> , 2021 , 13,	6.7	16
42	Carbon monoxide releasing molecule-2 protects mice against acute kidney injury through inhibition of ER stress. <i>Korean Journal of Physiology and Pharmacology</i> , 2018 , 22, 567-575	1.8	16
41	Carbon Monoxide Inhibits Tenascin-C Mediated Inflammation via IL-10 Expression in a Septic Mouse Model. <i>Mediators of Inflammation</i> , 2015 , 2015, 613249	4.3	14
40	Molecular Insights into the Multifunctional Role of Natural Compounds: Autophagy Modulation and Cancer Prevention. <i>Biomedicines</i> , 2020 , 8,	4.8	14
39	Novel Role of Endogenous Catalase in Macrophage Polarization in Adipose Tissue. <i>Mediators of Inflammation</i> , 2016 , 2016, 8675905	4.3	14
38	Peroxisome 3 deficiency accelerates chronic kidney injury in mice through interactions between macrophages and tubular epithelial cells. <i>Free Radical Biology and Medicine</i> , 2019 , 131, 162-172	7.8	14
37	Tristetraprolin mediates anti-inflammatory effect of carbon monoxide against DSS-induced colitis. <i>PLoS ONE</i> , 2014 , 9, e88776	3.7	12
36	The role of carbon monoxide in metabolic disease. <i>Annals of the New York Academy of Sciences</i> , 2011 , 1229, 156-61	6.5	10
35	Repositioning Vitamin C as a Promising Option to Alleviate Complications associated with COVID-19. <i>Infection and Chemotherapy</i> , 2020 , 52, 461-477	3.9	10
34	Fyn Kinase: A Potential Therapeutic Target in Acute Kidney Injury. <i>Biomolecules and Therapeutics</i> , 2020 , 28, 213-221	4.2	7
33	Self-confidence as an immune-modifying psychotherapeutic intervention for COVID-19 patients and understanding of its connection to CNS-endocrine-immune axis. <i>Journal of Advanced Biotechnology and Experimental Therapeutics</i> , 2020 , 3, 14	2.3	7
32	Role of Insulin in Health and Disease: An Update. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7
31	Prospective Pharmacological Potential of Resveratrol in Delaying Kidney Aging. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7
30	Flow diverter stent for treatment of cerebral aneurysms: A report of 130 patients with 134 aneurysms. <i>Heliyon</i> , 2020 , 6, e03356	3.6	6

29	Neuroprotective Potentials of Marine Algae and Their Bioactive Metabolites: Pharmacological Insights and Therapeutic Advances		6
28	Toxicity and biomarkers of micro-plastic in aquatic environment: a review. <i>Biomarkers</i> , 2021 , 26, 13-25	2.6	6
27	Exposure to Environmental Arsenic and Emerging Risk of Alzheimer's Disease: Perspective Mechanisms, Management Strategy, and Future Directions. <i>Toxics</i> , 2021 , 9,	4.7	6
26	Inhibition of Src Family Kinases Ameliorates LPS-Induced Acute Kidney Injury and Mitochondrial Dysfunction in Mice. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
25	p53 Modulation of Autophagy Signaling in Cancer Therapies: Perspectives Mechanism and Therapeutic Targets.. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10, 761080	5.7	5
24	Potential Therapeutic Role of Phytochemicals to Mitigate Mitochondrial Dysfunctions in Alzheimer's Disease. <i>Antioxidants</i> , 2020 , 10,	7.1	5
23	An updated review on lumpy skin disease: a perspective of Southeast Asian countries. <i>Journal of Advanced Biotechnology and Experimental Therapeutics</i> , 2021 , 4, 322	2.3	5
22	Inhibitory Effects of Chung Hun Wha Dam Tang (CHWDT) on High-Fat Diet-Induced Obesity via AMP-Activated Protein Kinase Activation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012 , 2012, 652473	2.3	4
21	Resveratrol attenuates inflammation through tristetraprolin expression in human hepatocytes. <i>Journal of Advanced Biotechnology and Experimental Therapeutics</i> , 2018 , 1, 78	2.3	4
20	Recent findings and applications of biomedical engineering for COVID-19 diagnosis: a critical review. <i>Bioengineered</i> , 2021 , 12, 8594-8613	5.7	4
19	CO-Releasing Molecule-2 Prevents Acute Kidney Injury through Suppression of ROS-Fyn-ER Stress Signaling in Mouse Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 9947772	6.7	4
18	A Systematic Review on Marine Algae-Derived Fucoxanthin: An Update of Pharmacological Insights. <i>Marine Drugs</i> , 2022 , 20, 279	6	4
17	Role of auxin and nitric oxide on growth and development of lateral root of plants: possible involvement of exogenously induced Phot1. <i>Journal of Advanced Biotechnology and Experimental Therapeutics</i> , 2018 , 1, 61	2.3	3
16	Current knowledge on mechanisms involved in SARS-CoV-2 infection and kidney diseases. <i>Journal of Advanced Biotechnology and Experimental Therapeutics</i> , 2020 , 3, 30	2.3	3
15	Prospects of Marine Sterols against Pathobiology of Alzheimer's Disease: Pharmacological Insights and Technological Advances. <i>Marine Drugs</i> , 2021 , 19,	6	3
14	Prospects for Protective Potential of against Kidney Diseases.. <i>Plants</i> , 2021 , 10,	4.5	2
13	Proteostasis and Neurodegeneration. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2020 , 154-178	0.2	2
12	Prospects of honey in fighting against COVID-19: pharmacological insights and therapeutic promises		2

11	An Insight into Pathophysiological Features and Therapeutic Advances on Ependymoma. <i>Cancers</i> , 2021 , 13,	6.6	2
10	Lactoferrin: potential functions, pharmacological insights, and therapeutic promises. <i>Journal of Advanced Biotechnology and Experimental Therapeutics</i> , 2021 , 4, 223	2.3	2
9	Chung Hun Wha Dam Tang attenuates atherosclerosis in apolipoprotein E-deficient mice via the NF- κ B pathway. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 120, 109524	7.5	1
8	Kidney protective potential of lactoferrin: pharmacological insights and therapeutic advances.. <i>Korean Journal of Physiology and Pharmacology</i> , 2022 , 26, 1-13	1.8	1
7	Interventional Treatment of Lymphatic Leakage Post Appendectomy: Case Report. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2019 , 7, 1512-1515	1	1
6	Assortment of Human Amniotic Membrane and Curcumin: a Potential Therapeutic Strategy for Burn Wound Healing. <i>Current Drug Therapy</i> , 2021 , 16, 3-10	0.7	1
5	Food-Derived Bioactive Peptides: A Promising Substitute to Chemosynthetic Drugs Against the Dysregulated Renin-Angiotensin System in COVID-19 Patients. <i>Journal of Biologically Active Products From Nature</i> , 2021 , 11, 325-355	0.7	1
4	Protective Effects of Black Cumin () and Its Bioactive Constituent, Thymoquinone against Kidney Injury: An Aspect on Pharmacological Insights. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
3	Potential Role of CCN Proteins in Breast Cancer: Therapeutic Advances and Perspectives.. <i>Current Oncology</i> , 2021 , 28, 4972-4985	2.8	0
2	Emerging Role of Neuropilin-1 and Angiotensin-Converting Enzyme-2 in Renal Carcinoma-Associated COVID-19 Pathogenesis. <i>Infectious Disease Reports</i> , 2021 , 13, 902-909	0.6	0
1	Potentials of ketogenic diet against chronic kidney diseases: pharmacological insights and therapeutic prospects.. <i>Molecular Biology Reports</i> , 2022 , 1	2.8	0