

# Abdullah Al Mamun Sohag

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1956838/publications.pdf>

Version: 2024-02-01

26  
papers

1,185  
citations

471061

17  
h-index

580395

25  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1538  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exogenous salicylic acid and hydrogen peroxide attenuate drought stress in rice. <i>Plant, Soil and Environment</i> , 2020, 66, 7-13.	1.0	142
2	Neuroprotection Against Oxidative Stress: Phytochemicals Targeting TrkB Signaling and the Nrf2-ARE Antioxidant System. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 116.	1.4	101
3	Black Cumin ( <i>Nigella sativa</i> L.): A Comprehensive Review on Phytochemistry, Health Benefits, Molecular Pharmacology, and Safety. <i>Nutrients</i> , 2021, 13, 1784.	1.7	101
4	Salicylic Acid-Mediated Enhancement of Photosynthesis Attributes and Antioxidant Capacity Contributes to Yield Improvement of Maize Plants Under Salt Stress. <i>Journal of Plant Growth Regulation</i> , 2018, 37, 1318-1330.	2.8	98
5	Phytosterols of marine algae: Insights into the potential health benefits and molecular pharmacology. <i>Phytomedicine</i> , 2020, 69, 153201.	2.3	85
6	Neuroprotective Potentials of Marine Algae and Their Bioactive Metabolites: Pharmacological Insights and Therapeutic Advances. <i>Marine Drugs</i> , 2020, 18, 347.	2.2	66
7	Differential Response of Sugar Beet to Long-Term Mild to Severe Salinity in a Soil-Pot Culture. <i>Agriculture (Switzerland)</i> , 2019, 9, 223.	1.4	61
8	Phytochemicals as a Complement to Cancer Chemotherapy: Pharmacological Modulation of the Autophagy-Apoptosis Pathway. <i>Frontiers in Pharmacology</i> , 2021, 12, 639628.	1.6	61
9	Insights into nitric oxide-mediated water balance, antioxidant defence and mineral homeostasis in rice ( <i>Oryza sativa</i> L.) under chilling stress. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 100-101, 7-16.	1.2	60
10	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.	1.1	52
11	Exogenous Calcium Supplementation Improves Salinity Tolerance in BRR1 Dhan28; a Salt-Susceptible High-Yielding <i>Oryza Sativa</i> Cultivar. <i>Journal of Crop Science and Biotechnology</i> , 2018, 21, 383-394.	0.7	39
12	Exogenous Glutathione-Mediated Drought Stress Tolerance in Rice ( <i>Oryza sativa</i> L.) is Associated with Lower Oxidative Damage and Favorable Ionic Homeostasis. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2020, 44, 955-971.	0.7	39
13	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, 919-941.	1.4	35
14	Hydrogen sulfide priming can enhance the tolerance of artichoke seedlings to individual and combined saline-alkaline and aniline stresses. <i>Plant Physiology and Biochemistry</i> , 2021, 159, 347-362.	2.8	34
15	A Systematic Review on Marine Algae-Derived Fucoxanthin: An Update of Pharmacological Insights. <i>Marine Drugs</i> , 2022, 20, 279.	2.2	32
16	Deciphering Molecular Mechanism of the Neuropharmacological Action of Fucosterol through Integrated System Pharmacology and In Silico Analysis. <i>Marine Drugs</i> , 2019, 17, 639.	2.2	29
17	Mechanistic Insight of Allantoin in Protecting Tomato Plants Against Ultraviolet C Stress. <i>Plants</i> , 2021, 10, 11.	1.6	23
18	Molecular pharmacology and therapeutic advances of the pentacyclic triterpene lupeol. <i>Phytomedicine</i> , 2022, 99, 154012.	2.3	21

#	ARTICLE	IF	CITATIONS
19	Repositioning Vitamin C as a Promising Option to Alleviate Complications associated with COVID-19. Infection and Chemotherapy, 2020, 52, 461.	1.0	20
20	Fluoride mitigates aluminum-toxicity in barley: morpho-physiological responses and biochemical mechanisms. BMC Plant Biology, 2022, 22, .	1.6	18
21	Comparative effects of ascobin and glutathione on copper homeostasis and oxidative stress metabolism in mitigation of copper toxicity in rice. Plant Biology, 2021, 23, 162-169.	1.8	16
22	Prospects of Marine Sterols against Pathobiology of Alzheimerâ€™s Disease: Pharmacological Insights and Technological Advances. Marine Drugs, 2021, 19, 167.	2.2	13
23	Screening salt-tolerant rice at the seedling and reproductive stages: An effective and reliable approach. Environmental and Experimental Botany, 2021, 192, 104629.	2.0	11
24	Nutritional Value, Phytochemical Profile, Antioxidant Property and Agar Yielding Potential of Macroalgae from Coasts of Coxâ€™s Bazar and St. Martinâ€™s Island of Bangladesh. Journal of Aquatic Food Product Technology, 2021, 30, 217-227.	0.6	8
25	Food-Derived Bioactive Peptides: A Promising Substitute to Chemosynthetic Drugs Against the Dysregulated Renin-Angiotensin System in COVID-19 Patients. Journal of Biologically Active Products From Nature, 2021, 11, 325-355.	0.1	2
26	Potential determinants of salinity tolerance in rice (Oryza sativa L.) and modulation of tolerance by exogenous ascorbic acid application. Journal of Phytology, 0, , 86-98.	0.3	2