

# Mohammad Yusuf

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/3696271/mohammad-yusuf-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

50  
papers

2,375  
citations

27  
h-index

48  
g-index

50  
ext. papers

2,843  
ext. citations

3.9  
avg, IF

5.31  
L-index

#	Paper	IF	Citations
50	Alpha-tocopherol reinforce selenium efficiency to ameliorates salt stress in maize plants through carbon metabolism, enhanced photosynthetic pigments and ion uptake. <i>South African Journal of Botany</i> , <b>2022</b> , 144, 1-9	2.9	3
49	Signal Transduction of Brassinosteroids Under Abiotic Stresses <b>2022</b> , 1-16		
48	Role of Brassinosteroids and Its Cross Talk with Other Phytohormone in Plant Responses to Heavy Metal Stress <b>2022</b> , 179-201		1
47	Glucose modulates copper induced changes in photosynthesis, ion uptake, antioxidants and proline in <i>Cucumis sativus</i> plants. <i>Carbohydrate Research</i> , <b>2021</b> , 501, 108271	2.9	7
46	Wuxal amino (Bio stimulant) improved growth and physiological performance of tomato plants under salinity stress through adaptive mechanisms and antioxidant potential. <i>Saudi Journal of Biological Sciences</i> , <b>2021</b> , 28, 3204-3213	4	4
45	Hydrogen sulfide: A versatile gaseous molecule in plants. <i>Plant Physiology and Biochemistry</i> , <b>2021</b> , 158, 372-384	5.4	17
44	24-epibrassinolide in association with iron enhances the photosynthetic efficiency and upregulates the antioxidant system of the <i>Brassica juncea</i> . <i>Acta Physiologiae Plantarum</i> , <b>2021</b> , 43, 1	2.6	
43	Salicylic acid in combination with kinetin or calcium ameliorates heavy metal stress in <i>Phaseolus vulgaris</i> plant. <i>Journal of Agriculture and Food Research</i> , <b>2021</b> , 5, 100182	2.6	2
42	Phytotoxic effect of <i>Alhagi maurorum</i> on the growth and physiological activities of <i>Pisum sativum</i> L.. <i>South African Journal of Botany</i> , <b>2020</b> , 131, 250-258	2.9	6
41	Role of Strigolactones: Signalling and Crosstalk with Other Phytohormones. <i>Open Life Sciences</i> , <b>2020</b> , 15, 217-228	1.2	12
40	Interaction of Auxin and Nitric Oxide Improved Photosynthetic Efficiency and Antioxidant System of <i>Brassica juncea</i> Plants Under Salt Stress. <i>Journal of Plant Growth Regulation</i> , <b>2020</b> , 1	4.7	8
39	Silicon-mediated role of 24-epibrassinolide in wheat under high-temperature stress. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 17163-17172	5.1	22
38	Proteomic and physiological assessment of stress sensitive and tolerant variety of tomato treated with brassinosteroids and hydrogen peroxide under low-temperature stress. <i>Food Chemistry</i> , <b>2019</b> , 289, 500-511	8.5	44
37	Interplay Between Antioxidant Enzymes and Brassinosteroids in Control of Plant Development and Stress Tolerance <b>2019</b> , 323-348		2
36	Nitric oxide-mediated integrative alterations in plant metabolism to confer abiotic stress tolerance, NO crosstalk with phytohormones and NO-mediated post translational modifications in modulating diverse plant stress. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2018</b> , 73, 22-38	5	90
35	Ameliorative role of salicylic acid and spermidine in the presence of excess salt in <i>Lycopersicon esculentum</i> . <i>Photosynthetica</i> , <b>2018</b> , 56, 750-762	2.2	16
34	Zinc oxide nanoparticle-mediated changes in photosynthetic efficiency and antioxidant system of tomato plants. <i>Photosynthetica</i> , <b>2018</b> , 56, 678-686	2.2	133

33	Hydrogen peroxide in regulation of plant metabolism: Signalling and its effect under abiotic stress. <i>Photosynthetica</i> , <b>2018</b> , 56, 1237-1248	2.2	28
32	24-Epibrassinolide supplemented with silicon enhances the photosynthetic efficiency of Brassica juncea under salt stress. <i>South African Journal of Botany</i> , <b>2018</b> , 118, 120-128	2.9	25
31	Brassinosteroids: Physiological Roles and its Signalling in Plants <b>2017</b> , 241-260		5
30	Low-temperature stress: is phytohormones application a remedy?. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 21574-21590	5.1	31
29	Epibrassinolide reverses the stress generated by combination of excess aluminum and salt in two wheat cultivars through altered proline metabolism and antioxidants. <i>South African Journal of Botany</i> , <b>2017</b> , 112, 391-398	2.9	27
28	Interaction of epibrassinolide and selenium ameliorates the excess copper in Brassica juncea through altered proline metabolism and antioxidants. <i>Ecotoxicology and Environmental Safety</i> , <b>2016</b> , 129, 25-34	7	30
27	Silicon elicited varied physiological and biochemical responses in Indian mustard (Brassica juncea): a concentration dependent study. <i>Israel Journal of Plant Sciences</i> , <b>2016</b> , 63, 158-166	0.6	5
26	Responses of photosynthesis, stress markers and antioxidants under aluminium, salt and combined stresses in wheat cultivars. <i>Cogent Food and Agriculture</i> , <b>2016</b> , 2,	1.8	4
25	Biogenic synthesis of Zinc oxide nanostructures from Nigella sativa seed: Prospective role as food packaging material inhibiting broad-spectrum quorum sensing and biofilm. <i>Scientific Reports</i> , <b>2016</b> , 6, 36761	4.9	90
24	Role of sugars under abiotic stress. <i>Plant Physiology and Biochemistry</i> , <b>2016</b> , 109, 54-61	5.4	236
23	Low level of selenium increases the efficacy of 24-epibrassinolide through altered physiological and biochemical traits of Brassica juncea plants. <i>Food Chemistry</i> , <b>2015</b> , 185, 441-8	8.5	40
22	24-epibrassinolide mitigates the adverse effects of manganese induced toxicity through improved antioxidant system and photosynthetic attributes in Brassica juncea. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 11349-59	5.1	32
21	Lycopersicon esculentum under low temperature stress: an approach toward enhanced antioxidants and yield. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 14178-88	5.1	39
20	Seed treatment with H <sub>2</sub> O <sub>2</sub> modifies net photosynthetic rate and antioxidant system in mung bean ( <i>Vigna radiata</i> L. Wilczek) plants. <i>Israel Journal of Plant Sciences</i> , <b>2015</b> , 62, 167-175	0.6	7
19	Low-Temperature Triggered Varied Antioxidant Responses in Tomato. <i>International Journal of Vegetable Science</i> , <b>2015</b> , 21, 329-343	1.2	3
18	Brassinosteroids and their role in response of plants to abiotic stresses. <i>Biologia Plantarum</i> , <b>2014</b> , 58, 9-17	2.1	160
17	Salicylic acid enhances antioxidant system in Brassica juncea grown under different levels of manganese. <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 70, 551-8	7.9	39
16	24-epibrassinolide and/or putrescine trigger physiological and biochemical responses for the salt stress mitigation in <i>Cucumis sativus</i> L.. <i>Photosynthetica</i> , <b>2014</b> , 52, 464-474	2.2	39

15	Hydrogen peroxide mediated tolerance to copper stress in the presence of 28-homobrassinolide in <i>Vigna radiata</i> . <i>Acta Physiologiae Plantarum</i> , <b>2014</b> , 36, 2767-2778	2.6	23
14	Brassinosteroid-mediated evaluation of antioxidant system and nitrogen metabolism in two contrasting cultivars of <i>Vigna radiata</i> under different levels of nickel. <i>Physiology and Molecular Biology of Plants</i> , <b>2014</b> , 20, 449-60	2.8	34
13	Polyamines: potent modulators of plant responses to stress. <i>Journal of Plant Interactions</i> , <b>2013</b> , 8, 1-16	3.8	70
12	Comparative roles of brassinosteroids and polyamines in salt stress tolerance. <i>Acta Physiologiae Plantarum</i> , <b>2013</b> , 35, 2037-2053	2.6	23
11	Salicylic Acid: Physiological Roles in Plants <b>2013</b> , 15-30		14
10	24-Epibrassinolide regulates photosynthesis, antioxidant enzyme activities and proline content of <i>Cucumis sativus</i> under salt and/or copper stress. <i>Environmental Monitoring and Assessment</i> , <b>2013</b> , 185, 7845-56	3.1	106
9	Salicylic acid minimizes nickel and/or salinity-induced toxicity in Indian mustard ( <i>Brassica juncea</i> ) through an improved antioxidant system. <i>Environmental Science and Pollution Research</i> , <b>2012</b> , 19, 8-18	5.1	68
8	28-Homobrassinolide mitigates boron induced toxicity through enhanced antioxidant system in <i>Vigna radiata</i> plants. <i>Chemosphere</i> , <b>2011</b> , 85, 1574-84	8.4	49
7	28-homobrassinolide improves growth and photosynthesis in <i>Cucumis sativus</i> L. through an enhanced antioxidant system in the presence of chilling stress. <i>Photosynthetica</i> , <b>2011</b> , 49, 55-64	2.2	88
6	Nickel: an overview of uptake, essentiality and toxicity in plants. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2011</b> , 86, 1-17	2.7	232
5	Protective response of 28-homobrassinolide in cultivars of <i>Triticum aestivum</i> with different levels of nickel. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2011</b> , 60, 68-76	3.2	81
4	Effect of 28-homobrassinolide on photosynthesis, fluorescence and antioxidant system in the presence or absence of salinity and temperature in <i>Vigna radiata</i> . <i>Environmental and Experimental Botany</i> , <b>2010</b> , 69, 105-112	5.9	155
3	Effect of 28-homobrassinolide on antioxidant capacity and photosynthesis in <i>Brassica juncea</i> plants exposed to different levels of copper. <i>Environmental and Experimental Botany</i> , <b>2009</b> , 66, 418-424	5.9	105
2	Growth of Indian mustard ( <i>Brassica juncea</i> L.) in response to salicylic acid under high-temperature stress. <i>Brazilian Journal of Plant Physiology</i> , <b>2009</b> , 21, 187-195		37
1	Effect of salicylic acid on salinity-induced changes in <i>Brassica juncea</i> . <i>Journal of Integrative Plant Biology</i> , <b>2008</b> , 50, 1096-102	8.3	83