

# Rania Ben Saad

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

505  
citations

687335

13  
h-index

677123

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

478  
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression of the <i>Aeluropus littoralis</i> ALSAP gene in rice confers broad tolerance to abiotic stresses through maintenance of photosynthesis. <i>Plant, Cell and Environment</i> , 2012, 35, 626-643.	5.7	71
2	Identification and sequencing of ESTs from the halophyte grass <i>Aeluropus littoralis</i> . <i>Gene</i> , 2007, 404, 61-69.	2.2	56
3	Promoter of the ALSAP gene from the halophyte grass <i>Aeluropus littoralis</i> directs developmental-regulated, stress-inducible, and organ-specific gene expression in transgenic tobacco. <i>Transgenic Research</i> , 2011, 20, 1003-1018.	2.4	38
4	Essential oil from halophyte <i>Lobularia maritima</i> : protective effects against CCl <sub>4</sub> -induced hepatic oxidative damage in rats and inhibition of the production of proinflammatory gene expression by lipopolysaccharide-stimulated RAW 264.7 macrophages. <i>RSC Advances</i> , 2019, 9, 36758-36770.	3.6	35
5	Insights into plant annexins function in abiotic and biotic stress tolerance. <i>Plant Signaling and Behavior</i> , 2020, 15, 1699264.	2.4	35
6	A stress-associated protein, LmSAP, from the halophyte <i>Lobularia maritima</i> provides tolerance to heavy metals in tobacco through increased ROS scavenging and metal detoxification processes. <i>Journal of Plant Physiology</i> , 2018, 231, 234-243.	3.5	34
7	Potential anti-inflammatory and antioxidant effects of <i>Citrus aurantium</i> essential oil against carbon tetrachloride-mediated hepatotoxicity: A biochemical, molecular and histopathological changes in adult rats. <i>Environmental Toxicology</i> , 2019, 34, 388-400.	4.0	32
8	Early effects of salt stress on the physiological and oxidative status of the halophyte <i>Lobularia maritima</i> . <i>Functional Plant Biology</i> , 2020, 47, 912.	2.1	31
9	Antioxidant and hepatoprotective effects of novel heteropolysaccharide isolated from <i>Lobularia maritima</i> on CCl <sub>4</sub> -induced liver injury in rats. <i>Food Science and Nutrition</i> , 2022, 10, 2271-2284.	3.4	19
10	Functional domain analysis of LmSAP protein reveals the crucial role of the zinc-finger A20 domain in abiotic stress tolerance. <i>Protoplasma</i> , 2019, 256, 1333-1344.	2.1	18
11	Novel non-specific lipid-transfer protein (TdLTP4) isolated from durum wheat: Antimicrobial activities and anti-inflammatory properties in lipopolysaccharide (LPS)-stimulated RAW 264.7 macrophages. <i>Microbial Pathogenesis</i> , 2021, 154, 104869.	2.9	18
12	Thiamine Demonstrates Bio-Preservative and Anti-Microbial Effects in Minced Beef Meat Storage and Lipopolysaccharide (LPS)-Stimulated RAW 264.7 Macrophages. <i>Animals</i> , 2022, 12, 1646.	2.3	17
13	The LmSAP gene isolated from the halotolerant <i>Lobularia maritima</i> improves salt and ionic tolerance in transgenic tobacco lines. <i>Functional Plant Biology</i> , 2018, 45, 378.	2.1	15
14	Characterization of a novel LmSAP gene promoter from <i>Lobularia maritima</i> : Tissue specificity and environmental stress responsiveness. <i>PLoS ONE</i> , 2020, 15, e0236943.	2.5	15
15	<i>Lobularia maritima</i> thioredoxin-h2 gene mitigates salt and osmotic stress damage in tobacco by modeling plant antioxidant system. <i>Plant Growth Regulation</i> , 2022, 97, 101-115.	3.4	14
16	The durum wheat annexin, TdAnn6, improves salt and osmotic stress tolerance in <i>Arabidopsis</i> via modulation of antioxidant machinery. <i>Protoplasma</i> , 2021, 258, 1047-1059.	2.1	13
17	Structural and functional characterisation of two novel durum wheat annexin genes in response to abiotic stress. <i>Functional Plant Biology</i> , 2018, 45, 542.	2.1	9
18	Overexpression of <i>Triticum durum</i> TdAnn12 gene confers stress tolerance through scavenging reactive oxygen species in transgenic tobacco. <i>Functional Plant Biology</i> , 2019, 46, 885.	2.1	9

#	ARTICLE	IF	CITATIONS
19	Stress associated protein from <i>Lobularia maritima</i> : Heterologous expression, antioxidant and antimicrobial activities with its preservative effect against <i>Listeria monocytogenes</i> inoculated in beef meat. <i>International Journal of Biological Macromolecules</i> , 2019, 132, 888-896.	7.5	8
20	A novel <i>Triticum durum</i> Annexin 12 protein: Expression, purification and biological activities against <i>Listeria monocytogenes</i> growth in meat under refrigeration. <i>Microbial Pathogenesis</i> , 2020, 143, 104143.	2.9	6
21	Simultaneous detection of <i>Waddlia chondrophila</i> and <i>Listeria monocytogenes</i> in aborted ruminant samples by real-time quantitative PCR. <i>Journal of Microbiological Methods</i> , 2016, 125, 64-69.	1.6	5
22	Expression of an A20/AN1 Stress-Associated Protein from <i>Aeluropus littoralis</i> in Rice Deregulates Stress-Related Genes. <i>Journal of Plant Growth Regulation</i> , 0, , 1.	5.1	4
23	A <i>Lobularia maritima</i> LmSAP protein modulates gibberellic acid homeostasis via its A20 domain under abiotic stress conditions. <i>PLoS ONE</i> , 2020, 15, e0233420.	2.5	3