

# Tore Brembu

## List of Publications by Year in descending order

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27  
papers

2,122  
citations

257429

24  
h-index

501174

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2827  
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-cell response to nitrogen deprivation in the diatom <i>Phaeodactylum tricornutum</i> . <i>Journal of Experimental Botany</i> , 2015, 66, 6281-6296.	4.8	230
2	An Integrated Analysis of Molecular Acclimation to High Light in the Marine Diatom <i>Phaeodactylum tricornutum</i> . <i>PLoS ONE</i> , 2009, 4, e7743.	2.5	219
3	Gene Regulation of Carbon Fixation, Storage, and Utilization in the Diatom <i>Phaeodactylum tricornutum</i> Acclimated to Light/Dark Cycles. <i>Plant Physiology</i> , 2013, 161, 1034-1048.	4.8	138
4	Genetic Structure and Evolution of RAC-GTPases in <i>Arabidopsis thaliana</i> . <i>Genetics</i> , 2000, 156, 1959-1971.	2.9	129
5	Cloning and characterization of rac-like cDNAs from <i>Arabidopsis thaliana</i> . <i>Plant Molecular Biology</i> , 1997, 35, 483-495.	3.9	122
6	Plant peptides in signalling: looking for new partners. <i>Trends in Plant Science</i> , 2009, 14, 255-263.	8.8	121
7	Molecular and Photosynthetic Responses to Prolonged Darkness and Subsequent Acclimation to Re-Illumination in the Diatom <i>Phaeodactylum tricornutum</i> . <i>PLoS ONE</i> , 2013, 8, e58722.	2.5	109
8	The effects of phosphorus limitation on carbon metabolism in diatoms. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160406.	4.0	101
9	NAPP and PIRP Encode Subunits of a Putative Wave Regulatory Protein Complex Involved in Plant Cell Morphogenesis. <i>Plant Cell</i> , 2004, 16, 2335-2349.	6.6	94
10	A RHOse by any other name: a comparative analysis of animal and plant Rho GTPases. <i>Cell Research</i> , 2006, 16, 435-445.	12.0	87
11	Molecular adaptations to phosphorus deprivation and comparison with nitrogen deprivation responses in the diatom <i>Phaeodactylum tricornutum</i> . <i>PLoS ONE</i> , 2018, 13, e0193335.	2.5	77
12	A sex-inducing pheromone triggers cell cycle arrest and mate attraction in the diatom <i>Seminavis robusta</i> . <i>Scientific Reports</i> , 2016, 6, 19252.	3.3	76
13	System Responses to Equal Doses of Photosynthetically Usable Radiation of Blue, Green, and Red Light in the Marine Diatom <i>Phaeodactylum tricornutum</i> . <i>PLoS ONE</i> , 2014, 9, e114211.	2.5	73
14	The <i>IDA/IDA-LIKE</i> and <i>PIP/PIP-LIKE</i> gene families in <i>Arabidopsis</i> : phylogenetic relationship, expression patterns, and transcriptional effect of the PIPL3 peptide. <i>Journal of Experimental Botany</i> , 2015, 66, 5351-5365.	4.8	72
15	The <i>Seminavis robusta</i> genome provides insights into the evolutionary adaptations of benthic diatoms. <i>Nature Communications</i> , 2020, 11, 3320.	12.8	55
16	The small GTPase <i>AtRAC2/ROP7</i> is specifically expressed during late stages of xylem differentiation in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2005, 56, 2465-2476.	4.8	52
17	Genome-Wide Profiling of Responses to Cadmium in the Diatom <i>Phaeodactylum tricornutum</i> . <i>Environmental Science &amp; Technology</i> , 2011, 45, 7640-7647.	10.0	50
18	Reduced physiological plasticity in a fish adapted to stable temperatures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	50

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19	The chloroplast genome of the diatom <i>Seminavis robusta</i> : New features introduced through multiple mechanisms of horizontal gene transfer. <i>Marine Genomics</i> , 2014, 16, 17-27.	1.1	43
20	NEVERSHED and INFLORESCENCE DEFICIENT IN ABSCISSION are differentially required for cell expansion and cell separation during floral organ abscission in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2013, 64, 5345-5357.	4.8	39
21	The Myb-like transcription factor phosphorus starvation response (PtPSR) controls conditional P acquisition and remodelling in marine microalgae. <i>New Phytologist</i> , 2020, 225, 2380-2395.	7.3	38
22	The IDA-LIKE peptides IDL6 and IDL7 are negative modulators of stress responses in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2017, 68, 3557-3571.	4.8	34
23	The crystal structure of <i>Arabidopsis thaliana</i> RAC7/ROP9: The first RAS superfamily GTPase from the plant kingdom. <i>Phytochemistry</i> , 2006, 67, 2332-2340.	2.9	31
24	Dynamic responses to silicon in <i>Thalassiosira pseudonana</i> - Identification, characterisation and classification of signature genes and their corresponding protein motifs. <i>Scientific Reports</i> , 2017, 7, 4865.	3.3	27
25	PAMP-INDUCED SECRETED PEPTIDE 3 (PIP3) modulates immunity in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2020, 71, 850-864.	4.8	27
26	<i>Arabidopsis thaliana</i> MIRO1 and MIRO2 GTPases Are Unequally Redundant in Pollen Tube Growth and Fusion of Polar Nuclei during Female Gametogenesis. <i>PLoS ONE</i> , 2011, 6, e18530.	2.5	19
27	Catching the WAVES of Plant Actin Regulation. <i>Journal of Plant Growth Regulation</i> , 2005, 24, 55-66.	5.1	6