

# Luca Carraretto

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Monitoring calcium handling by the plant endoplasmic reticulum with a low $\text{Ca}^{2+}$ -affinity targeted aequorin reporter. <i>Plant Journal</i> , 2022, 109, 1014-1027.	2.8	5
2	Arabidopsis $\hat{\text{A}}$ Photosynthetic and Heterotrophic Cell Suspension Cultures. <i>Methods in Molecular Biology</i> , 2021, 2200, 167-185.	0.4	7
3	A chloroplast-localized mitochondrial calcium uniporter transduces osmotic stress in Arabidopsis. <i>Nature Plants</i> , 2019, 5, 581-588.	4.7	56
4	Chloroplast $\text{Ca}^{2+}$ Fluxes into and across Thylakoids Revealed by Thylakoid-Targeted Aequorin Probes. <i>Plant Physiology</i> , 2018, 177, 38-51.	2.3	36
5	Global spectroscopic analysis to study the regulation of the photosynthetic proton motive force: A critical reappraisal. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 676-683.	0.5	6
6	Direct Pharmacological Targeting of a Mitochondrial Ion Channel Selectively Kills Tumor Cells In $\hat{\text{A}}$ Vivo. <i>Cancer Cell</i> , 2017, 31, 516-531.e10.	7.7	138
7	An update on the regulation of photosynthesis by thylakoid ion channels and transporters in <i>Arabidopsis</i> . <i>Physiologia Plantarum</i> , 2017, 161, 16-27.	2.6	33
8	Physiological Characterization of a Plant Mitochondrial Calcium Uniporter in Vitro and in Vivo. <i>Plant Physiology</i> , 2017, 173, 1355-1370.	2.3	54
9	Calcium Flux across Plant Mitochondrial Membranes: Possible Molecular Players. <i>Frontiers in Plant Science</i> , 2016, 7, 354.	1.7	13
10	Dissecting stimulus-specific $\text{Ca}^{2+}$ signals in amyloplasts and chloroplasts of <i>Arabidopsis thaliana</i> cell suspension cultures. <i>Journal of Experimental Botany</i> , 2016, 67, 3965-3974.	2.4	45
11	Ion Channels in Plant Bioenergetic Organelles, Chloroplasts and Mitochondria: From Molecular Identification to Function. <i>Molecular Plant</i> , 2016, 9, 371-395.	3.9	57
12	Physiology of intracellular potassium channels: A unifying role as mediators of counterion fluxes?. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 1258-1266.	0.5	47
13	The EF-Hand $\text{Ca}^{2+}$ Binding Protein MICU Choreographs Mitochondrial $\text{Ca}^{2+}$ Dynamics in Arabidopsis. <i>Plant Cell</i> , 2015, 27, 3190-3212.	3.1	103
14	Alternative Splicing-Mediated Targeting of the Arabidopsis GLUTAMATE RECEPTOR3.5 to Mitochondria Affects Organelle Morphology. <i>Plant Physiology</i> , 2015, 167, 216-227.	2.3	69
15	A Thylakoid-Located Two-Pore $\text{K}^{+}$ Channel Controls Photosynthetic Light Utilization in Plants. <i>Science</i> , 2013, 342, 114-118.	6.0	146