

# Anna Matuszyńska

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7603771/publications.pdf>

Version: 2024-02-01

9  
papers

139  
citations

1684188

5  
h-index

1588992

8  
g-index

15  
all docs

15  
docs citations

15  
times ranked

192  
citing authors

#	ARTICLE	IF	CITATIONS
1	A mathematical model of non-photochemical quenching to study short-term light memory in plants. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 1860-1869.	1.0	39
2	Balancing energy supply during photosynthesis – a theoretical perspective. <i>Physiologia Plantarum</i> , 2019, 166, 392-402.	5.2	32
3	A systems-wide understanding of photosynthetic acclimation in algae and higher plants. <i>Journal of Experimental Botany</i> , 2017, 68, 2667-2681.	4.8	26
4	Computational Analysis of Alternative Photosynthetic Electron Flows Linked With Oxidative Stress. <i>Frontiers in Plant Science</i> , 2021, 12, 750580.	3.6	9
5	A reductionist approach to model photosynthetic self-regulation in eukaryotes in response to light. <i>Biochemical Society Transactions</i> , 2015, 43, 1133-1139.	3.4	8
6	Constructing and analysing dynamic models with modelbase v1.2.3: a software update. <i>BMC Bioinformatics</i> , 2021, 22, 203.	2.6	8
7	Building Mathematical Models of Biological Systems with <code>modelbase</code>. <i>Journal of Open Research Software</i> , 2018, 6, 24.	5.9	8
8	Impaired photoprotection in <i>Phaeodactylum tricornutum</i> KEA3 mutants reveals the proton regulatory circuit of diatoms light acclimation. <i>New Phytologist</i> , 2022, 234, 578-591.	7.3	8
9	A Young Algaeneers' perspective: Communication and networking are key to successful multidisciplinary research. <i>Algal Research</i> , 2017, 21, 247-253.	4.6	0