Esa TyystjÃ¤rvi

List of Publications by Year
in descending order

138 papers	6,827 citations	66343 42 h-index	71685 76 g-index
150 all docs	150 docs citations	150 times ranked	6608 citing authors

#	Article	IF	Citations
1	Linking chlorophyll a fluorescence to photosynthesis for remote sensing applications: mechanisms and challenges. Journal of Experimental Botany, 2014, 65, 4065-4095.	4.8	770
2	The rate constant of photoinhibition, measured in lincomycin-treated leaves, is directly proportional to light intensity.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 2213-2218.	7.1	419
3	Evidence for the role of the oxygen-evolving manganese complex in photoinhibition of Photosystem II. Biochimica Et Biophysica Acta - Bioenergetics, 2005, 1706, 68-80.	1.0	343
4	Excess Copper Predisposes Photosystem II to Photoinhibition in Vivo by Outcompeting Iron and Causing Decrease in Leaf Chlorophyll. Plant Physiology, 2002, 129, 1359-1367.	4.8	291
5	Photoinhibition of Photosystem II and photodamage of the oxygen evolving manganese cluster. Coordination Chemistry Reviews, 2008, 252, 361-376.	18.8	265
6	Photoinhibition of Photosystem II. International Review of Cell and Molecular Biology, 2013, 300, 243-303.	3.2	235
7	Regulation of Root Greening by Light and Auxin/Cytokinin Signaling in Arabidopsis. Plant Cell, 2012, 24, 1081-1095.	6.6	180
8	Parameterization of photosystem II photoinactivation and repair. Biochimica Et Biophysica Acta - Bioenergetics, 2012, 1817, 258-265.	1.0	148
9	Oxygen and ROS in Photosynthesis. Plants, 2020, 9, 91.	3.5	148
10	Arabidopsis RCD1 coordinates chloroplast and mitochondrial functions through interaction with ANAC transcription factors. ELife, 2019, 8, .	6.0	118
11	Increase in the Quantum Yield of Photoinhibition Contributes to Copper Toxicity in Vivo1. Plant Physiology, 1998, 117, 619-627.	4.8	116
12	Action Spectrum of Photoinhibition in Leaves of Wild Type and npq1-2 and npq4-1 Mutants of Arabidopsis thaliana. Plant and Cell Physiology, 2006, 47, 391-400.	3.1	106
13	Reactive oxygen species: Reactions and detection from photosynthetic tissues. Journal of Photochemistry and Photobiology B: Biology, 2015, 152, 176-214.	3.8	95
14	ATP and light regulate D1 protein modification and degradation Role of D1* in photoinhibition. FEBS Letters, 1992, 297, 29-33.	2.8	86
15	Effects of microcystins on broccoli and mustard, and analysis of accumulated toxin by liquid chromatographyâ€“mass spectrometry. Toxicon, 2007, 49, 865-874.	1.6	80
16	The SigBÏƒfactor mediates high-temperature responses in the cyanobacteriumSynechocystissp. PCC6803. FEBS Letters, 2006, 580, 319-323.	2.8	78
17	Slow Degradation of the D1 Protein Is Related to the Susceptibility of Low-Light-Grown Pumpkin Plants to Photoinhibition. Plant Physiology, 1992, 100, 1310-1317.	4.8	77
18	Shifting the Sun: Solar Spectral Conversion and Extrinsic Sensitization in Natural and Artificial Photosynthesis. Advanced Science, 2015, 2, 1500218.	11.2	77

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19	Molecular mechanism of high-temperature-induced inhibition of acceptor side of Photosystem II. Photosynthesis Research, 1999, 62, 55-66.	2.9	74
20	D1 protein degradation during photoinhibition of intact leaves a modification of the D1 protein precedes degradation. FEBS Letters, 1991, 290, 153-156.	2.8	71
21	Dynamic Changes in the Proteome of Synechocystis 6803 in Response to CO₂ Limitation Revealed by Quantitative Proteomics. Journal of Proteome Research, 2010, 9, 5896-5912.	3.7	69
22	Degradation Pattern of Photosystem II Reaction Center Protein D1 in Intact Leaves (The Major) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Plant Physiology, 1996, 111, 1183-1190.	4.8	68
23	Photoinhibition and loss of photosystem II reaction centre proteins during senescence of soybean leaves. Enhancement of photoinhibition by the â€˜stay-greenâ€™ mutation cytG. Physiologia Plantarum, 2002, 115, 468-478.	5.2	64
24	Photoinhibition of manganese enzymes: insights into the mechanism of photosystem II photoinhibition. Journal of Experimental Botany, 2006, 57, 1809-1816.	4.8	59
25	Chloroplast Acetyltransferase NSI Is Required for State Transitions in Arabidopsis thaliana. Plant Cell, 2018, 30, 1695-1709.	6.6	59
26	Acclimation of photosynthesis to nitrogen deficiency in Phaseolus vulgaris. Planta, 2010, 232, 887-898.	3.2	58
27	Protection by Î±-tocopherol of the repair of photosystem II during photoinhibition in Synechocystis sp. PCC 6803. Biochimica Et Biophysica Acta - Bioenergetics, 2011, 1807, 236-241.	1.0	58
28	Comparative analysis of leafâ€type ferredoxinâ€NADP⁺ oxidoreductase isoforms in Arabidopsis thaliana. Plant Journal, 2009, 57, 1103-1115.	5.7	57
29	Photosynthesis-related quantities for education and modeling. Photosynthesis Research, 2013, 117, 1-30.	2.9	57
30	A Mutation in the D-de Loop of D1 Modifies the Stability of the S2QA- and S2QB- States in Photosystem II. Plant Physiology, 1995, 107, 187-197.	4.8	56
31	Mutagenesis of the D-E loop of photosystem II reaction centre protein D1. Function and assembly of photosystem II. Plant Molecular Biology, 1997, 33, 1059-1071.	3.9	54
32	Expression of Primary Sigma Factor (PSF) and PSF-Like Sigma Factors in the Cyanobacterium Synechocystis sp. Strain PCC 6803. Journal of Bacteriology, 2003, 185, 1116-1119.	2.2	52
33	Action spectrum ofpsbAgene transcription is similar to that of photoinhibition inSynechocystissp. PCC 6803. FEBS Letters, 2002, 516, 167-171.	2.8	51
34	A microcomputer program and fast analog to digital converter card for the analysis of fluorescence induction transients. Photosynthesis Research, 1990, 26, 127-132.	2.9	50
35	Roles of Group 2 Sigma Factors in Acclimation of the CyanobacteriumSynechocystissp. PCC 6803 to Nitrogen Deficiency. Plant and Cell Physiology, 2016, 57, 1309-1318.	3.1	49
36	The rate constant of photoinhibition in vitro is independent of the antenna size of Photosystem II but depends on temperature. Biochimica Et Biophysica Acta - Bioenergetics, 1994, 1186, 177-185.	1.0	48

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37	Contributions of Visible and Ultraviolet Parts of Sunlight to Photoinhibition. Plant and Cell Physiology, 2010, 51, 1745-1753.	3.1	48
38	Light-dependent phosphorylation of D1 reaction centre protein of photosystem II: hypothesis for the functional role in vivo. Physiologia Plantarum, 1995, 93, 191-195.	5.2	47
39	Oxidative stress and photoinhibition can be separated in the cyanobacterium Synechocystis sp. PCC 6803. Biochimica Et Biophysica Acta - Bioenergetics, 2014, 1837, 217-225.	1.0	47
40	Mathematical modelling of photoinhibition and Photosystem II repair cycle. I. Photoinhibition and D1 protein degradation in vitro and in the absence of chloroplast protein synthesis in vivo. Photosynthesis Research, 1994, 41, 439-449.	2.9	46
41	Degradation of chlorophyll and synthesis of flavonols during autumn senescenceâ€"the story told by individual leaves. AoB PLANTS, 2018, 10, ply028.	2.3	46
42	The Kautsky Curve Is a Built-in Barcode. Biophysical Journal, 1999, 77, 1159-1167.	0.5	44
43	Cultivation of Nannochloropsis for eicosapentaenoic acid production in wastewaters of pulp and paper industry. Bioresource Technology, 2015, 193, 469-476.	9.6	44
44	Suppression of a key gene involved in chlorophyll biosynthesis by means of virus-inducing gene silencing. Plant Molecular Biology, 2002, 50, 213-224.	3.9	43
45	Kinetics of prolonged photoinhibition revisited: photoinhibited Photosystem II centres do not protect the active ones against loss of oxygen evolution. Photosynthesis Research, 2010, 103, 7-17.	2.9	43
46	Multiple regulatory mechanisms in the chloroplast of green algae: relation to hydrogen production. Photosynthesis Research, 2015, 125, 357-381.	2.9	42
47	Mechanism of copper-enhanced photoinhibition in thylakoid membranes. Physiologia Plantarum, 2001, 113, 142-150.	5.2	41
48	Site-specific mutations in the D1 polypeptide affect the susceptibility of Synechocystis 6803 cells to photoinhibition. Plant Molecular Biology, 1993, 22, 1-12.	3.9	40
49	Experimental evidence suggesting that H₂O₂ is produced within the thylakoid membrane in a reaction between plastoquinol and singlet oxygen. FEBS Letters, 2015, 589, 779-786.	2.8	40
50	Potential of carbon nanotubes in algal biotechnology. Photosynthesis Research, 2015, 125, 451-471.	2.9	39
51	Characterization of Single and Double Inactivation Strains Reveals New Physiological Roles for Group 2 Ïƒ Factors in the Cyanobacterium Synechocystis sp. PCC 6803 Â. Plant Physiology, 2008, 147, 1994-2005.	4.8	38
52	The omega subunit of the RNA polymerase core directs transcription efficiency in cyanobacteria. Nucleic Acids Research, 2014, 42, 4606-4614.	14.5	37
53	Light Emission as a Probe of Charge Separation and Recombination in the Photosynthetic Apparatus: Relation of Prompt Fluorescence to Delayed Light Emission and Thermoluminescence. , 2004, , 363-388.		36
54	Simultaneous Inactivation of Sigma Factors B and D Interferes with Light Acclimation of the Cyanobacterium Synechocystis sp. Strain PCC 6803. Journal of Bacteriology, 2009, 191, 3992-4001.	2.2	36

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55	Pure forms of the singlet oxygen sensors TEMP and TEMPD do not inhibit Photosystem II. Biochimica Et Biophysica Acta - Bioenergetics, 2011, 1807, 1658-1661.	1.0	36
56	Photoinhibition of photosystem II in tobacco plants overexpressing glutathione reductase and poplars overexpressing superoxide dismutase. Physiologia Plantarum, 1999, 105, 409-416.	5.2	34
57	Mathematical modelling of the light response curve of photoinhibition of Photosystem II. Photosynthesis Research, 2005, 84, 21-27.	2.9	33
58	Artificial quenchers of chlorophyll fluorescence do not protect against photoinhibition. Journal of Photochemistry and Photobiology B: Biology, 1999, 48, 142-147.	3.8	32
59	Effects of Deficiency and Overdose of Group 2 Sigma Factors in Triple Inactivation Strains of Synechocystis sp. Strain PCC 6803. Journal of Bacteriology, 2011, 193, 265-273.	2.2	32
60	Sigma factor SigC is required for heat acclimation of the cyanobacterium Synechocystis sp. strain PCC 6803. FEBS Letters, 2008, 582, 346-350.	2.8	31
61	Magnetic field protects plants against high light by slowing down production of singlet oxygen. Physiologia Plantarum, 2011, 142, 26-34.	5.2	31
62	SASP, a Senescence-Associated Subtilisin Protease, is involved in reproductive development and determination of silique number in Arabidopsis. Journal of Experimental Botany, 2015, 66, 161-174.	4.8	31
63	Automatic Plant Identification with Chlorophyll Fluorescence Fingerprinting. Precision Agriculture, 2003, 4, 53-67.	6.0	30
64	Small Light-Harvesting Antenna Does Not Protect from Photoinhibition. Plant Physiology, 1991, 97, 477-483.	4.8	29
65	Group 2 Sigma Factor Mutant Î”sigCDE of the Cyanobacterium Synechocystis sp. PCC 6803 Reveals Functionality of Both Carotenoids and Flavodiiron Proteins in Photoprotection of Photosystem II. Plant and Cell Physiology, 2013, 54, 1780-1790.	3.1	29
66	Photobiological hydrogen production and artificial photosynthesis for clean energy: from bio to nanotechnologies. Photosynthesis Research, 2015, 126, 237-247.	2.9	28
67	Abnormal Regulation of Photosynthetic Electron Transport in a Chloroplast ycf9 Inactivation Mutant. Journal of Biological Chemistry, 2001, 276, 20795-20802.	3.4	27
68	Subunits Bâ€²Î³ and Bâ€²Î¶ of protein phosphatase 2A regulate photoâ€oxidative stress responses and growth in Arabidopsis thaliana. Plant, Cell and Environment, 2015, 38, 2641-2651.	5.7	27
69	Nodularin uptake and induction of oxidative stress in spinach (Spinachia oleracea). Journal of Plant Physiology, 2011, 168, 594-600.	3.5	26
70	Automatic identification of crop and weed species with chlorophyll fluorescence induction curves. Precision Agriculture, 2011, 12, 546-563.	6.0	25
71	Photosynthetic sea slugs induce protective changes to the light reactions of the chloroplasts they steal from algae. ELife, 2020, 9, .	6.0	25
72	Rearrangement of the Chloroplast Thylakoid at Chilling Temperature in the Light. Plant Physiology, 1988, 87, 762-766.	4.8	24

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73	The Nature of Light-Induced Inhibition of Photosystem II in Pumpkin (Cucurbita pepo L.) Leaves Depends on Temperature. Plant Physiology, 1989, 91, 1069-1074.	4.8	24
74	Connectivity of Photosystem II Is the Physical Basis of Retrapping in Photosynthetic Thermoluminescence. Biophysical Journal, 2009, 96, 3735-3743.	0.5	24
75	Use of near-infrared radiation for oxygenic photosynthesis via photon up-conversion. International Journal of Hydrogen Energy, 2012, 37, 8859-8863.	7.1	24
76	Hydrogen photoproduction by immobilized S-deprived Chlamydomonas reinhardtii : Effect of light intensity and spectrum, and initial medium pH. Algal Research, 2016, 17, 38-45.	4.6	24
77	Stable wastewater treatment with Neochloris oleoabundans in a tubular photobioreactor. Journal of Applied Phycology, 2020, 32, 399-410.	2.8	24
78	Nutrient removal from hydroponic effluent by Nordic microalgae: From screening to a greenhouse photobioreactor operation. Algal Research, 2021, 55, 102247.	4.6	23
79	Pathways of hydrogen photoproduction by immobilized Chlamydomonas reinhardtii cells deprived of sulfur. International Journal of Hydrogen Energy, 2014, 39, 18194-18203.	7.1	22
80	Effects of low temperature on photoinhibition and singlet oxygen production in four natural accessions of Arabidopsis. Planta, 2020, 252, 19.	3.2	22
81	Temperature-dependent changes in Photosystem II heterogeneity support a cycle of Photosystem II during photoinhibition. Photosynthesis Research, 1990, 26, 109-117.	2.9	21
82	Photoinhibition in marine picocyanobacteria. Physiologia Plantarum, 2017, 161, 97-108.	5.2	21
83	Action Spectrum of Photoinhibition in the Diatom Phaeodactylum tricornutum. Plant and Cell Physiology, 2017, 58, 2217-2225.	3.1	21
84	Exposure ofSynechocystis6803 cells to series of single turnover flashes increases thepsbAtranscript level by activating transcription and down-regulatingpsbAmRNA degradation. FEBS Letters, 1998, 436, 483-487.	2.8	20
85	Model for the Fluorescence Induction Curve of Photoinhibited Thylakoids. Biophysical Journal, 1998, 75, 503-512.	0.5	20
86	Plastoquinol generates and scavenges reactive oxygen species in organic solvent: Potential relevance for thylakoids. Biochimica Et Biophysica Acta - Bioenergetics, 2018, 1859, 1119-1131.	1.0	20
87	In search of a reversible stage of photoinhibition in a higher plant: No changes in the amount of functional Photosystem II accompany relaxation of variable fluorescence after exposure of lincomycin-treated Cucurbita pepo leaves to high light. Photosynthesis Research, 1995, 45, 239-247.	2.9	19
88	Excitation-Emission Map as a Tool in Studies of Photosynthetic Pigment-Protein Complexes. Photosynthetica, 1999, 37, 225-237.	1.7	19
89	Classification of plant species from images of overlapping leaves. Computers and Electronics in Agriculture, 2015, 118, 186-192.	7.7	19
90	Acclimation of Chlamydomonas reinhardtii to extremely strong light. Photosynthesis Research, 2021, 147, 91-106.	2.9	19

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91	Photoinhibition and continuous growth of the wild-type and a high-light tolerant strain of Chlamydomonas reinhardtii. Photosynthetica, 2019, 57, 617-626.	1.7	18
92	Illumination with Ultraviolet or Visible Light Induces Chemical Changes in the Waterâ€soluble Manganese Complex, [Mn₄O₆(bpea)₄]Br₄. Photochemistry and Photobiology, 2009, 85, 663-668.	2.5	17
93	Short flashes and continuous light have similar photoinhibitory efficiency in intact leaves. Journal of Experimental Botany, 2010, 61, 4239-4247.	4.8	17
94	Inhibition of Photosystem II by the singlet oxygen sensor compounds TEMP and TEMPD. Biochimica Et Biophysica Acta - Bioenergetics, 2011, 1807, 243-250.	1.0	16
95	Action spectrum of the redox state of the plastoquinone pool defines its function in plant acclimation. Plant Journal, 2020, 104, 1088-1104.	5.7	16
96	Impact of Different Group 2 Sigma Factors on Light Use Efficiency and High Salt Stress in the Cyanobacterium Synechocystis sp. PCC 6803. PLoS ONE, 2013, 8, e63020.	2.5	16
97	SigC sigma factor is involved in acclimation to low inorganic carbon at high temperature in Synechocystis sp. PCC 6803. Microbiology (United Kingdom), 2010, 156, 220-229.	1.8	15
98	Dissecting the interaction of photosynthetic electron transfer with mitochondrial signalling and hypoxic response in the Arabidopsis rcd1 mutant. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190413.	4.0	15
99	Temperature-dependent changes in Photosystem II heterogeneity of attached leaves under high light. Physiologia Plantarum, 1990, 79, 585-592.	5.2	14
100	Measurement of the redox state of the plastoquinone pool in cyanobacteria. FEBS Letters, 2020, 594, 367-375.	2.8	14
101	Two-Electron Reactions S2QB â†'S0QB and S3QB â†'S1QB are Involved in Deactivation of Higher S States of the Oxygen-Evolving Complex of Photosystem II. Biophysical Journal, 2009, 96, 4672-4680.	0.5	13
102	Antimycin A effect on the electron transport in chloroplasts of two Chlamydomonas reinhardtii strains. Planta, 2013, 237, 1241-1250.	3.2	13
103	A Tandem Mass Spectrometric Method for Singlet Oxygen Measurement. Photochemistry and Photobiology, 2014, 90, 965-971.	2.5	13
104	Insect herbivory may cause changes in the visual properties of leaves and affect the camouflage of herbivores to avian predators. Behavioral Ecology and Sociobiology, 2017, 71, 1.	1.4	13
105	Inactivation of group 2 Ïƒ factors upregulates production of transcription and translation machineries in the cyanobacterium Synechocystis sp. PCC 6803. Scientific Reports, 2018, 8, 10305.	3.3	13
106	Automatic detection of cereal rows by means of pattern recognition techniques. Computers and Electronics in Agriculture, 2019, 162, 677-688.	7.7	13
107	Group 2 Sigma Factors are Central Regulators of Oxidative Stress Acclimation in Cyanobacteria. Plant and Cell Physiology, 2019, 60, 436-447.	3.1	13
108	Chlorophyll does not reflect green light â€“ how to correct a misconception. Journal of Biological Education, 2022, 56, 552-559.	1.5	13

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109	Feature learning with a genetic algorithm for fluorescence fingerprinting of plant species. Pattern Recognition Letters, 2003, 24, 2663-2673.	4.2	12
110	Photosystem-II D1 protein mutants of Chlamydomonas reinhardtii in relation to metabolic rewiring and remodelling of H-bond network at QB site. Scientific Reports, 2018, 8, 14745.	3.3	12
111	Temperature-dependent changes in Photosystem II heterogeneity of attached leaves under high light. Physiologia Plantarum, 1990, 79, 585-592.	5.2	11
112	LHC II protein phosphorylation in leaves of Arabidopsis thaliana mutants deficient in non-photochemical quenching. Photosynthesis Research, 2005, 84, 217-223.	2.9	11
113	Impacts of simulated drought stress and artificial damage on concentrations of flavonoids in Jatropha curcas (L.), a biofuel shrub. Journal of Plant Research, 2016, 129, 1141-1150.	2.4	11
114	CLASSIFYING APPLES BY THE MEANS OF FLUORESCENCE IMAGING. International Journal of Pattern Recognition and Artificial Intelligence, 2004, 18, 157-174.	1.2	10
115	FLUORESCENCE EMISSION SPECTRA OF MARINE AND BRACKISHâ€WATER ECOTYPES OF FUCUS VESICULOSUS AND FUCUS RADICANS (PHAEOPHYCEAE) REVEAL DIFFERENCES IN LIGHTâ€HARVESTING APPARATUS¹. Journal of Phycology, 2011, 47, 98-105.	2.3	10
116	Unresolved quenching mechanisms of chlorophyll fluorescence may invalidate MT saturating pulse analyses of photosynthetic electron transfer in microalgae. Physiologia Plantarum, 2019, 166, 365-379.	5.2	9
117	Measurement of photosynthetic oxygen evolution with a new type of oxygen sensor. Photosynthesis Research, 1998, 56, 223-227.	2.9	8
118	Phototoxicity. , 2004, , 271-283.		8
119	Mahalanobis distance screening of Arabidopsis mutants with chlorophyll fluorescence. Photosynthesis Research, 2010, 105, 273-283.	2.9	8
120	Porous membrane as a means of gas and nutrient exchange in a tubular photobioreactor. Journal of Applied Phycology, 2015, 27, 1169-1175.	2.8	8
121	Oxygen produced by cyanobacteria in simulated Archaean conditions partly oxidizes ferrous iron but mostly escapesâ€"conclusions about early evolution. Photosynthesis Research, 2016, 130, 103-111.	2.9	8
122	Singlet oxygen, flavonols and photoinhibition in green and senescing silver birch leaves. Trees - Structure and Function, 2021, 35, 1267-1282.	1.9	8
123	Genetic autonomy and low singlet oxygen yield support kleptoplast functionality in photosynthetic sea slugs. Journal of Experimental Botany, 2021, 72, 5553-5568.	4.8	8
124	Ultraviolet screening by slug tissue and tight packing of plastids protect photosynthetic sea slugs from photoinhibition. Photosynthesis Research, 2022, 152, 373-387.	2.9	8
125	Toxic and non-toxic Nodularia strains can be distinguished from each other and from eukaryotic algae with chlorophyll fluorescence fingerprinting. Harmful Algae, 2009, 8, 817-822.	4.8	7
126	Analysis of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mtext>S</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</mml:m charge recombination with the Arrhenius, Eyring and Marcus theories. Journal of Photochemistry and Photobiology B: Biology, 2011, 104, 292-300.	3.8	7

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127	Comparison of chlorophyll fluorescence curves and texture analysis for automatic plant identification. Precision Agriculture, 2013, 14, 621-636.	6.0	7
128	Physiological and compensatory growth responses of Jatropha curcas (L.) seedlings to simulated herbivory and drought stress. South African Journal of Botany, 2019, 121, 486-493.	2.5	6
129	Photosynthetic Hydrogen Production: Mechanisms and Approaches. , 2012, , 25-53.		5
130	Genetic Feature Learning Algorithm for Fluorescence Fingerprinting of Plants. Lecture Notes in Computer Science, 2004, , 371-383.	1.3	4
131	Testing the Potential of Regulatory Sigma Factor Mutants for Wastewater Purification or Bioreactor Run in High Light. Current Microbiology, 2020, 77, 1590-1599.	2.2	4
132	Rootâ€type <scp>ferredoxinâ€NADP</scp>⁺ oxidoreductase isoforms in <scp>Arabidopsis thaliana</scp>: Expression patterns, location and stress responses. Plant, Cell and Environment, 2021, 44, 548-558.	5.7	3
133	Thermoluminescence B and Q Bands are at the same Temperature in an Autotrophic and A Heterotrophic D1 Protein Mutant of Synechocystis sp. PCC 6803. , 1998, , 1145-1148.		3
134	Differences in susceptibility to photoinhibition do not determinegrowth rate under moderate light in batch or turbidostat - a studywith five green algae. Photosynthetica, 2022, 60, 10-20.	1.7	3
135	Photoinhibitory Efficiency of Saturating Laser Pulses Depends on Pulse Energy. , 2008, , 1589-1592.		1
136	Can bacterial biofiltration be replaced by autotrophic organisms in recirculating fresh water aquaculture?. Aquaculture International, 2017, 25, 1427-1440.	2.2	0
137	Effects of Light and Temperature on PSII Heterogeneity. , 1990, , 1399-1402.		0
138	The Quantum Yield of Photoinhibition is Independent of Light Intensity. , 1995, , 3307-3310.		0