

Seiji Akimoto

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108
papers

2,125
citations

26
h-index

40
g-index

115
ext. papers

2,492
ext. citations

5.1
avg, IF

4.99
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 108 | Identification of the special pair of photosystem II in a chlorophyll d-dominated cyanobacterium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 7283-8 | 11.5 | 105 |
| 107 | Excitation energy transfer in carotenoid-chlorophyll protein complexes probed by femtosecond fluorescence decays. <i>Chemical Physics Letters</i> , 1996 , 260, 147-152 | 2.5 | 89 |
| 106 | Excitation relaxation of zinc and free-base porphyrin probed by femtosecond fluorescence spectroscopy. <i>Chemical Physics Letters</i> , 1999 , 309, 177-182 | 2.5 | 75 |
| 105 | Dimer Formation and Excitation Relaxation of Perylene in Langmuir-Blodgett Films. <i>Journal of Physical Chemistry B</i> , 1997 , 101, 3753-3758 | 3.4 | 71 |
| 104 | Fluorescence properties of chlorophyll d-dominating prokaryotic alga, <i>Acaryochloris marina</i> : studies using time-resolved fluorescence spectroscopy on intact cells. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1999 , 1412, 37-46 | 4.6 | 67 |
| 103 | Adaptation of light-harvesting systems of <i>Arthrospira platensis</i> to light conditions, probed by time-resolved fluorescence spectroscopy. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012 , 1817, 1483-1490 | 4.6 | 64 |
| 102 | Identification of the primary electron donor in PS II of the Chl d-dominated cyanobacterium <i>Acaryochloris marina</i> . <i>FEBS Letters</i> , 2004 , 556, 95-8 | 3.8 | 59 |
| 101 | Structural basis for energy harvesting and dissipation in a diatom PSII-FCPII supercomplex. <i>Nature Plants</i> , 2019 , 5, 890-901 | 11.5 | 58 |
| 100 | Characterization of highly purified photosystem I complexes from the chlorophyll d-dominated cyanobacterium <i>Acaryochloris marina</i> MBIC 11017. <i>Journal of Biological Chemistry</i> , 2008 , 283, 18198-20954 | 5.4 | 55 |
| 99 | Delayed fluorescence observed in the nanosecond time region at 77 K originates directly from the photosystem II reaction center. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2007 , 1767, 327-34 | 4.6 | 55 |
| 98 | Excitation energy transfer between photosystem II and photosystem I in red algae: larger amounts of phycobilisome enhance spillover. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011 , 1807, 847-53 | 4.6 | 54 |
| 97 | Energy transfer processes in <i>Gloeobacter violaceus</i> PCC 7421 that possesses phycobilisomes with a unique morphology. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008 , 1777, 55-65 | 4.6 | 46 |
| 96 | Structural basis for the adaptation and function of chlorophyll f in photosystem I. <i>Nature Communications</i> , 2020 , 11, 238 | 17.4 | 43 |
| 95 | High excitation energy quenching in fucoxanthin chlorophyll a/c-binding protein complexes from the diatom <i>Chaetoceros gracilis</i> . <i>Journal of Physical Chemistry B</i> , 2013 , 117, 6888-95 | 3.4 | 43 |
| 94 | Singlet-Fission-Born Quintet State: Sublevel Selections and Trapping by Multiexciton Thermodynamics. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 5855-5861 | 6.4 | 39 |
| 93 | Effect of Molecular Structures and Solvents on the Excited State Dynamics of the S2 State of Carotenoids Analyzed by the Femtosecond Up-Conversion Method??. <i>Journal of the American Chemical Society</i> , 1997 , 119, 1452-1453 | 16.4 | 38 |
| 92 | Variations in photosystem I properties in the primordial cyanobacterium <i>Gloeobacter violaceus</i> PCC 7421. <i>Photochemistry and Photobiology</i> , 2010 , 86, 62-9 | 3.6 | 36 |

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|----|---|------|----|
| 91 | Light-harvesting ability of the fucoxanthin chlorophyll a/c-binding protein associated with photosystem II from the Diatom <i>Chaetoceros gracilis</i> as revealed by picosecond time-resolved fluorescence spectroscopy. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 5093-100 | 3.4 | 34 |
| 90 | Excitation relaxation dynamics and energy transfer in fucoxanthin-chlorophyll a/c-protein complexes, probed by time-resolved fluorescence. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014 , 1837, 1514-21 | 4.6 | 33 |
| 89 | LHCSR1-dependent fluorescence quenching is mediated by excitation energy transfer from LHCI to photosystem I in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 3722-3727 | 11.5 | 32 |
| 88 | Identification of a new excited state responsible for the in vivo unique absorption band of siphonaxanthin in the green alga <i>Codium fragile</i> . <i>Journal of Physical Chemistry B</i> , 2007 , 111, 9179-81 | 3.4 | 32 |
| 87 | Structure of a cyanobacterial photosystem I tetramer revealed by cryo-electron microscopy. <i>Nature Communications</i> , 2019 , 10, 4929 | 17.4 | 29 |
| 86 | Ten antenna proteins are associated with the core in the supramolecular organization of the photosystem I supercomplex in. <i>Journal of Biological Chemistry</i> , 2019 , 294, 4304-4314 | 5.4 | 28 |
| 85 | O ₂ -dependent large electron flow functioned as an electron sink, replacing the steady-state electron flux in photosynthesis in the cyanobacterium <i>Synechocystis</i> sp. PCC 6803, but not in the cyanobacterium <i>Synechococcus</i> sp. PCC 7942. <i>Bioscience, Biotechnology and Biochemistry</i> , 2014 , 78, 384-93 | 2.1 | 27 |
| 84 | Control Mechanism of Excitation Energy Transfer in a Complex Consisting of Photosystem II and Fucoxanthin Chlorophyll a/c-Binding Protein. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 2983-7 | 6.4 | 27 |
| 83 | Ultrafast excitation relaxation dynamics of lutein in solution and in the light-harvesting complexes II isolated from <i>Arabidopsis thaliana</i> . <i>Journal of Physical Chemistry B</i> , 2005 , 109, 12612-9 | 3.4 | 27 |
| 82 | Regulation of excitation energy transfer in diatom PSII dimer: How does it change the destination of excitation energy?. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015 , 1847, 1274-82 | 4.6 | 26 |
| 81 | Exergonic Intramolecular Singlet Fission of an Adamantane-Linked Tetracene Dyad via Twin Quintet Multiexcitons. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 18813-18823 | 3.8 | 26 |
| 80 | Ultrafast excitation relaxation dynamics and energy transfer in the siphonaxanthin-containing green alga <i>Codium fragile</i> . <i>Chemical Physics Letters</i> , 2004 , 390, 45-49 | 2.5 | 25 |
| 79 | Fluorescence lifetime analyses reveal how the high light-responsive protein LHCSR3 transforms PSII light-harvesting complexes into an energy-dissipative state. <i>Journal of Biological Chemistry</i> , 2017 , 292, 18951-18960 | 5.4 | 24 |
| 78 | Structural basis for assembly and function of a diatom photosystem I-light-harvesting supercomplex. <i>Nature Communications</i> , 2020 , 11, 2481 | 17.4 | 24 |
| 77 | The PSI-PSII Megacomplex in Green Plants. <i>Plant and Cell Physiology</i> , 2019 , 60, 1098-1108 | 4.9 | 23 |
| 76 | Energy transfer processes in chlorophyll f-containing cyanobacteria using time-resolved fluorescence spectroscopy on intact cells. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014 , 1837, 1484-9 | 4.6 | 22 |
| 75 | Replacement of chlorophyll with di-vinyl chlorophyll in the antenna and reaction center complexes of the cyanobacterium <i>Synechocystis</i> sp. PCC 6803: characterization of spectral and photochemical properties. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009 , 1787, 191-200 | 4.6 | 22 |
| 74 | Solvent effects on excitation relaxation dynamics of a keto-carotenoid, siphonaxanthin. <i>Photochemical and Photobiological Sciences</i> , 2008 , 7, 1206-9 | 4.2 | 22 |

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|----|---|------|----|
| 73 | Unique fluorescence properties of a cyanobacterium <i>Gloeobacter violaceus</i> PCC 7421: reasons for absence of the long-wavelength PSI Chl a fluorescence at -196 degrees C. <i>Plant and Cell Physiology</i> , 2002 , 43, 587-94 | 4.9 | 22 |
| 72 | Energy transfer in the chlorophyll f-containing cyanobacterium, <i>Halomicronema hongdechloris</i> , analyzed by time-resolved fluorescence spectroscopies. <i>Photosynthesis Research</i> , 2015 , 125, 115-22 | 3.7 | 21 |
| 71 | Adaptation of Divinyl Chlorophyll a/b-Containing Cyanobacterium to Different Light Conditions: Three Strains of <i>Prochlorococcus marinus</i> . <i>Journal of Physical Chemistry B</i> , 2017 , 121, 9081-9090 | 3.4 | 20 |
| 70 | Modification of energy-transfer processes in the cyanobacterium, <i>Arthrospira platensis</i> , to adapt to light conditions, probed by time-resolved fluorescence spectroscopy. <i>Photosynthesis Research</i> , 2013 , 117, 235-43 | 3.7 | 20 |
| 69 | Seasonal changes of excitation energy transfer and thylakoid stacking in the evergreen tree <i>Taxus cuspidata</i> : how does it divert excess energy from photosynthetic reaction center?. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008 , 1777, 379-87 | 4.6 | 19 |
| 68 | Diversity in photosynthetic electron transport under [CO ₂]-limitation: the cyanobacterium <i>Synechococcus</i> sp. PCC 7002 and green alga <i>Chlamydomonas reinhardtii</i> drive an O ₂ -dependent alternative electron flow and non-photochemical quenching of chlorophyll fluorescence during CO ₂ -limited photosynthesis. <i>Photosynthesis Research</i> , 2016 , 130, 223-235 | 3.7 | 19 |
| 67 | New linker proteins in phycobilisomes isolated from the cyanobacterium <i>Gloeobacter violaceus</i> PCC 7421. <i>FEBS Letters</i> , 2006 , 580, 3457-61 | 3.8 | 18 |
| 66 | Vibrational Energy Relaxation of S1 Perylene in Solution. <i>Journal of Physical Chemistry A</i> , 2004 , 108, 3268-3275 | 3.2 | 18 |
| 65 | Low-Energy Chlorophylls in Fucoxanthin Chlorophyll a/ c-Binding Protein Conduct Excitation Energy Transfer to Photosystem I in Diatoms. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 66-70 | 3.4 | 18 |
| 64 | Energy Transfer in Cyanobacteria and Red Algae: Confirmation of Spillover in Intact Megacomplexes of Phycobilisome and Both Photosystems. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 3567-71 | 6.4 | 17 |
| 63 | Alterations in photosynthetic pigments and amino acid composition of D1 protein change energy distribution in photosystem II. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012 , 1817, 754-9 | 4.6 | 17 |
| 62 | Light-harvesting complex Lhcb9 confers a green alga-type photosystem I supercomplex to the moss <i>Physcomitrella patens</i> . <i>Nature Plants</i> , 2015 , 1, 14008 | 11.5 | 17 |
| 61 | Application of time-resolved polarization fluorescence spectroscopy in the femtosecond range to photosynthetic systems. <i>Photochemistry and Photobiology</i> , 2007 , 83, 163-70 | 3.6 | 17 |
| 60 | Biochemical characterization of photosystem I complexes having different subunit compositions of fucoxanthin chlorophyll a/c-binding proteins in the diatom <i>Chaetoceros gracilis</i> . <i>Photosynthesis Research</i> , 2019 , 140, 141-149 | 3.7 | 17 |
| 59 | Alterations of pigment composition and their interactions in response to different light conditions in the diatom <i>Chaetoceros gracilis</i> probed by time-resolved fluorescence spectroscopy. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018 , 1859, 524-530 | 4.6 | 16 |
| 58 | Adaptation of light-harvesting functions of unicellular green algae to different light qualities. <i>Photosynthesis Research</i> , 2019 , 139, 145-154 | 3.7 | 16 |
| 57 | Light-Harvesting Strategy during CO ₂ -Dependent Photosynthesis in the Green Alga <i>Chlamydomonas reinhardtii</i> . <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 1028-1033 | 6.4 | 15 |
| 56 | Artificially produced [7-formyl]-chlorophyll d functions as an antenna pigment in the photosystem II isolated from the chlorophyllide a oxygenase-expressing <i>Acaryochloris marina</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012 , 1817, 1285-91 | 4.6 | 15 |

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| 55 | Light adaptation of the unicellular red alga, <i>Cyanidioschyzon merolae</i> , probed by time-resolved fluorescence spectroscopy. <i>Photosynthesis Research</i> , 2015 , 125, 211-8 | 3.7 | 14 |
| 54 | Excitation energy relaxation in a symbiotic cyanobacterium, <i>Prochloron didemni</i> , occurring in coral-reef ascidians, and in a free-living cyanobacterium, <i>Prochlorothrix hollandica</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012 , 1817, 1992-7 | 4.6 | 14 |
| 53 | Oxygen evolution in the thylakoid-lacking cyanobacterium <i>Gloeobacter violaceus</i> PCC 7421. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008 , 1777, 369-78 | 4.6 | 14 |
| 52 | Spectral properties of the CP43-deletion mutant of <i>Synechocystis</i> sp. PCC 6803. <i>Photosynthesis Research</i> , 2008 , 98, 303-14 | 3.7 | 14 |
| 51 | Excitation energy transfer in the antenna system with divinyl-chlorophylls in the vinyl reductase-expressing <i>Arabidopsis</i> . <i>Chemical Physics Letters</i> , 2005 , 409, 167-171 | 2.5 | 14 |
| 50 | Effects of excess light energy on excitation-energy dynamics in a pennate diatom <i>Phaeodactylum tricornutum</i> . <i>Photosynthesis Research</i> , 2019 , 141, 355-365 | 3.7 | 13 |
| 49 | Molecular environments of divinyl chlorophylls in <i>Prochlorococcus</i> and <i>Synechocystis</i> : differences in fluorescence properties with chlorophyll replacement. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011 , 1807, 471-81 | 4.6 | 13 |
| 48 | Excitation-Energy Transfer and Quenching in Diatom PSI-FCPI upon P700 Cation Formation. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 1481-1486 | 3.4 | 12 |
| 47 | Energy transfer and distribution in photosystem super/megacomplexes of plants. <i>Current Opinion in Biotechnology</i> , 2018 , 54, 50-56 | 11.4 | 12 |
| 46 | Charge-Transfer Character Drives MBius Antiaromaticity in the Excited Triplet State of Twisted [28]Hexaphyrin. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 2685-2690 | 6.4 | 12 |
| 45 | Short-term light adaptation of a cyanobacterium, <i>Synechocystis</i> sp. PCC 6803, probed by time-resolved fluorescence spectroscopy. <i>Plant Physiology and Biochemistry</i> , 2014 , 81, 149-54 | 5.4 | 12 |
| 44 | Structure of a cyanobacterial photosystem I surrounded by octadecameric IsiA antenna proteins. <i>Communications Biology</i> , 2020 , 3, 232 | 6.7 | 10 |
| 43 | Spectral Properties and Excitation Relaxation of Novel Fucoxanthin Chlorophyll <i>l</i> -Binding Protein Complexes. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 5148-5152 | 6.4 | 10 |
| 42 | Deficiency of the Stroma-Lamellar Protein LIL8/PSB33 Affects Energy Transfer Around PSI in <i>Arabidopsis</i> . <i>Plant and Cell Physiology</i> , 2017 , 58, 2026-2039 | 4.9 | 10 |
| 41 | Variety in excitation energy transfer processes from phycobilisomes to photosystems I and II. <i>Photosynthesis Research</i> , 2017 , 133, 235-243 | 3.7 | 9 |
| 40 | Formation of a PSI-PSII megacomplex containing LHCSR and PsbS in the moss <i>Physcomitrella patens</i> . <i>Journal of Plant Research</i> , 2019 , 132, 867-880 | 2.6 | 9 |
| 39 | Luminescence of singlet oxygen in photosystem II complexes isolated from cyanobacterium <i>Synechocystis</i> sp. PCC6803 containing monovinyl or divinyl chlorophyll a. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012 , 1817, 1299-305 | 4.6 | 9 |
| 38 | pH-Sensing Machinery of Excitation Energy Transfer in Diatom PSI-FCPI Complexes. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 3531-3535 | 6.4 | 8 |

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| 37 | Effects of CO and temperature on photosynthetic performance in the diatom <i>Chaetoceros gracilis</i> . <i>Photosynthesis Research</i> , 2020 , 146, 189-195 | 3-7 | 8 |
| 36 | Adaptation of light-harvesting and energy-transfer processes of a diatom <i>Phaeodactylum tricornutum</i> to different light qualities. <i>Photosynthesis Research</i> , 2020 , 146, 227-234 | 3-7 | 8 |
| 35 | Comparative Analysis of Ultrafast Excitation Energy-Transfer Pathways in Three Strains of Divinyl Chlorophyll a/b-Containing Cyanobacterium, <i>Prochlorococcus marinus</i> . <i>Journal of Physical Chemistry B</i> , 2015 , 119, 15593-600 | 3-4 | 8 |
| 34 | Ultrafast Excitation Energy Dynamics in a Diatom Photosystem I-Antenna Complex: A Femtosecond Fluorescence Upconversion Study. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 2673-2678 | 3-4 | 7 |
| 33 | An Acid-Responsive Single Trichromatic Luminescent Dye That Provides Pure White-Light Emission. <i>ChemPhotoChem</i> , 2017 , 1, 427-431 | 3-3 | 7 |
| 32 | Acidic pH-Induced Modification of Energy Transfer in Diatom Fucoxanthin Chlorophyll <i>l</i> -Binding Proteins. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 4919-4923 | 3-4 | 6 |
| 31 | Energy transfer in <i>Anabaena variabilis</i> filaments under nitrogen depletion, studied by time-resolved fluorescence. <i>Photosynthesis Research</i> , 2015 , 125, 191-9 | 3-7 | 6 |
| 30 | Changes in excitation relaxation of diatoms in response to fluctuating light, probed by fluorescence spectroscopies. <i>Photosynthesis Research</i> , 2020 , 146, 143-150 | 3-7 | 5 |
| 29 | pH-Induced Regulation of Excitation Energy Transfer in the Cyanobacterial Photosystem I Tetramer. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 1949-1954 | 3-4 | 5 |
| 28 | Adaptation of light-harvesting and energy-transfer processes of a diatom <i>Chaetoceros gracilis</i> to different light qualities. <i>Photosynthesis Research</i> , 2020 , 146, 87-93 | 3-7 | 5 |
| 27 | Differences in excitation energy transfer of <i>Arthrospira platensis</i> cells grown in seawater medium and freshwater medium, probed by time-resolved fluorescence spectroscopy. <i>Chemical Physics Letters</i> , 2013 , 588, 231-236 | 2-5 | 5 |
| 26 | Biochemical and Spectroscopic Characterizations of a Hybrid Light-Harvesting Reaction Center Core Complex. <i>Biochemistry</i> , 2018 , 57, 4496-4503 | 3-2 | 4 |
| 25 | Mutations in hik26 and slr1916 lead to high-light stress tolerance in <i>Synechocystis</i> sp. PCC6803. <i>Communications Biology</i> , 2021 , 4, 343 | 6-7 | 4 |
| 24 | Estimation of linear and cyclic electron flows in photosynthesis based on C-metabolic flux analysis. <i>Journal of Bioscience and Bioengineering</i> , 2021 , 131, 277-282 | 3-3 | 4 |
| 23 | Role of type I NADH dehydrogenase in <i>Synechocystis</i> sp. PCC 6803 under phycobilisome excited red light. <i>Plant Science</i> , 2021 , 304, 110798 | 5-3 | 4 |
| 22 | Photoprotection mechanisms under different CO regimes during photosynthesis in a green alga <i>Chlorella variabilis</i> . <i>Photosynthesis Research</i> , 2020 , 144, 397-407 | 3-7 | 3 |
| 21 | Excitation relaxation dynamics and energy transfer in pigment-protein complexes of a dinoflagellate, revealed by ultrafast fluorescence spectroscopy. <i>Photosynthesis Research</i> , 2016 , 130, 183-191 | 3-7 | 3 |
| 20 | Enhancement of excitation-energy quenching in fucoxanthin chlorophyll a/c-binding proteins isolated from a diatom <i>Phaeodactylum tricornutum</i> upon excess-light illumination. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2021 , 1862, 148350 | 4-6 | 3 |

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| 19 | Energy transfer in <i>Anabaena variabilis</i> filaments adapted to nitrogen-depleted and nitrogen-enriched conditions studied by time-resolved fluorescence. <i>Photosynthesis Research</i> , 2017 , 133, 317-326 | 3.7 | 2 |
| 18 | How Light-Harvesting and Energy-Transfer Processes Are Modified Under Different Light Conditions: STUDIES by Time-Resolved Fluorescence Spectroscopy 2017 , 169-184 | | 2 |
| 17 | Regulation of excitation energy in <i>Nannochloropsis</i> photosystem II. <i>Photosynthesis Research</i> , 2019 , 139, 155-161 | 3.7 | 2 |
| 16 | Differences in energy transfer of a cyanobacterium, <i>Synechococcus</i> sp. PCC 7002, grown in different cultivation media. <i>Photosynthesis Research</i> , 2015 , 125, 201-10 | 3.7 | 2 |
| 15 | Molecular organizations and function of iron-stress-induced-A protein family in <i>Anabaena</i> sp. PCC 7120. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2021 , 1862, 148327 | 4.6 | 2 |
| 14 | Unique Optical Properties of LHC II Isolated from <i>Codium fragile</i> ¶Its Correlation to Protein Environment 2008 , 343-346 | | 2 |
| 13 | Structure of a tetrameric photosystem I from a glaucophyte alga <i>Cyanophora paradoxa</i> .. <i>Nature Communications</i> , 2022 , 13, 1679 | 17.4 | 2 |
| 12 | High-light modification of excitation-energy-relaxation processes in the green flagellate <i>Euglena gracilis</i> . <i>Photosynthesis Research</i> , 2021 , 149, 303-311 | 3.7 | 1 |
| 11 | Proteome analysis of response to different spectral light irradiation in <i>Synechocystis</i> sp. PCC 6803. <i>Journal of Proteomics</i> , 2021 , 246, 104306 | 3.9 | 1 |
| 10 | Structural basis for different types of hetero-tetrameric light-harvesting complexes in a diatom PSII-FCPII supercomplex.. <i>Nature Communications</i> , 2022 , 13, 1764 | 17.4 | 1 |
| 9 | Characterization of photosystem II assembly complexes containing ONE-HELIX PROTEIN1 in <i>Arabidopsis thaliana</i> .. <i>Journal of Plant Research</i> , 2022 , 135, 361 | 2.6 | 0 |
| 8 | Reply to "Comment on ¶Acidic pH-Induced Modification of Energy Transfer in Diatom Fucoxanthin Chlorophyll ¶-Binding Proteins¶. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 10588-10589 | 3.4 | |
| 7 | Excitation-energy transfer in heterocysts isolated from the cyanobacterium <i>Anabaena</i> sp. PCC 7120 as studied by time-resolved fluorescence spectroscopy. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2022 , 1863, 148509 | 4.6 | |
| 6 | Excitaitaion Energy Transfer Processes and Mechanisms in Photosynthetic Antenna System. "Analyses by Femtosecond and Picosecond Time-Resolved Fluorescence Spectroscopy".. <i>The Review of Laser Engineering</i> , 2003 , 31, 212-218 | 0 | |
| 5 | Excitation Relaxation Dynamics of Carotenoids in Solutions and in Photosynthetic Pigment Protein Complexes.. <i>The Review of Laser Engineering</i> , 2003 , 31, 207-211 | 0 | |
| 4 | Ultrafast Relaxation Dynamics of a Keto-Carotenoid, Siphonaxanthin, Probed by Time-Resolved Fluorescence 2008 , 319-322 | | |
| 3 | Time-Resolved Fluorescence Spectrophotometer Using a Traveling Wave Plate Type Streak Camera.. <i>The Review of Laser Engineering</i> , 1996 , 24, 609-614 | 0 | |
| 2 | Basic pH-induced modification of excitation-energy dynamics in fucoxanthin chlorophyll a/c-binding proteins isolated from a pinguiphyte, <i>Glossomastix chrysoplasta</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2021 , 1862, 148306 | 4.6 | |

- 1 Modification of Energy Distribution Between Photosystems I and II by Spillover Revealed by Time-Resolved Fluorescence Spectroscopy. *Advances in Photosynthesis and Respiration*, **2021**, 277-302 1.7