

Georgia Zahariou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4436224/publications.pdf>

Version: 2024-02-01

17
papers

251
citations

1163117

8
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

212
citing authors

#	ARTICLE	IF	CITATIONS
1	Trapping of the S ₂ to S ₃ State Intermediate of the Oxygen-Evolving Complex of Photosystem II. <i>Biochemistry</i> , 2006, 45, 6252-6259.	2.5	54
2	Orientational Jahn-Teller Isomerism in the Dark-Stable State of Nature's Water Oxidase. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13493-13499.	13.8	29
3	Proton Translocation via Tautomerization of Asn298 During the S ₂ to S ₃ State Transition in the Oxygen-Evolving Complex of Photosystem II. <i>Journal of Physical Chemistry B</i> , 2019, 123, 3068-3078.	2.6	28
4	Arrested Substrate Binding Resolves Catalytic Intermediates in Higher-Plant Water Oxidation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3156-3162.	13.8	28
5	The EPR Spectrum of Tyrosine Z [•] and Its Decay Kinetics in O ₂ -Evolving Photosystem II Preparations. <i>Biochemistry</i> , 2008, 47, 6292-6300.	2.5	26
6	Conformational changes of the S ₂ intermediate of the S ₂ to S ₃ transition in photosystem II. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2011, 104, 72-79.	3.8	12
7	Q-band Electron Paramagnetic Resonance Studies of the S ₃ State of the OEC of Photosystem II. , 2008, , 479-482.		16
8	The Collapse of the Tyrosine Z [•] Mn Spin-Spin Interaction above 1/4 100 K Reveals the Spectrum of Tyrosine Z [•] . An Application of Rapid-Scan EPR to the Study of Intermediates of the Water Splitting Mechanism of Photosystem II. <i>Biochemistry</i> , 2007, 46, 14335-14341.	2.5	14
9	Can we trap the metalloradical intermediate during the S ₂ state transitions of Photosystem II? An EPR investigation. <i>FEBS Letters</i> , 2014, 588, 1827-1831.	2.8	11
10	Theoretical study of the EPR spectrum of the S ₃ TyrZ [•] metalloradical intermediate state of the O ₂ -evolving complex of photosystem II. <i>Photosynthesis Research</i> , 2016, 130, 417-426.	2.9	8
11	Characterization of the High-Spin Co(II) Intermediate Species of the O ₂ -Evolving Co ₄ O ₄ Cubic Molecules. <i>Inorganic Chemistry</i> , 2017, 56, 6105-6113.	4.0	7
12	Coordination Behavior of 3-Ethoxycarbonyltetronic Acid towards Cu(II) and Co(II) Metal Ions. <i>Bioinorganic Chemistry and Applications</i> , 2008, 2008, 1-6.	4.1	5
13	Arrested Substrate Binding Resolves Catalytic Intermediates in Higher-Plant Water Oxidation. <i>Angewandte Chemie</i> , 2021, 133, 3193-3199.	2.0	4
14	Orientational Jahn-Teller Isomerism in the Dark-Stable State of Nature's Water Oxidase. <i>Angewandte Chemie</i> , 2021, 133, 13605-13611.	2.0	3
15	Electronic Structure of Tyrosyl D Radical of Photosystem II, as Revealed by 2D-Hyperfine Sublevel Correlation Spectroscopy. <i>Magnetochemistry</i> , 2021, 7, 131.	2.4	1
16	Di-2-pyridyl ketone-based ligands as evergreen "trees" in the "forest" of manganese chemistry: Mononuclear Mn(III) complexes from the use of MnF ₃ . <i>Polyhedron</i> , 2021, 207, 115350.	2.2	1
17	Evidence for the Mn ⁴⁺ -Yz Magnetic Interaction in Ca ²⁺ -depleted Photosystem II. <i>Polyhedron</i> , 2021, 206, 115335.	2.2	0