Donatella Carbonera

List of Publications by Year
in descending order

118 papers	2,953 citations	136950 32 h-index	214800 47 g-index
122 all docs	122 docs citations	122 times ranked	2356 citing authors

#	Article	IF	Citations
1	EPR Investigation of Photoinduced Radical Pair Formation and Decay to a Triplet State in a Caroteneâ^'Porphyrinâ^'Fullerene Triad. Journal of the American Chemical Society, 1998, 120, 4398-4405.	13.7	180
2	Zeaxanthin Protects Plant Photosynthesis by Modulating Chlorophyll Triplet Yield in Specific Light-harvesting Antenna Subunits. Journal of Biological Chemistry, 2012, 287, 41820-41834.	3.4	118
3	Microwave and optical spectroscopy of carotenoid triplets in light-harvesting complex LHC II of spinach by absorbance-detected magnetic resonance. Applied Magnetic Resonance, 1991, 2, 179-202.	1.2	95
4	Influence of the Axial Ligands on the Spectral Properties of P700 of Photosystem I:â€‰ A Study of Site-Directed Mutants. Biochemistry, 2000, 39, 13012-13025.	2.5	95
5	Permeability of inner mitochondrial membrane and oxidative stress. Biochimica Et Biophysica Acta - Biomembranes, 1988, 943, 245-255.	2.6	91
6	Hydrogen Bonding to P700:â€‰ Site-Directed Mutagenesis of Threonine A739 of Photosystem I in Chlamydomonas reinhardtii,. Biochemistry, 2002, 41, 8557-8569.	2.5	88
7	Chlorophyll Triplet States Associated with Photosystem II of Thylakoidsâ€. Biochemistry, 2002, 41, 8184-8194.	2.5	70
8	Species-specific Differences of the Spectroscopic Properties of P700. Journal of Biological Chemistry, 2003, 278, 46760-46771.	3.4	65
9	Cuprizone neurotoxicity, copper deficiency and neurodegeneration. NeuroToxicology, 2010, 31, 509-517.	3.0	59
10	Porphyrin Triplet State as a Potential Spin Label for Nanometer Distance Measurements by PELDOR Spectroscopy. Journal of the American Chemical Society, 2014, 136, 6582-6585.	13.7	58
11	Differential Roles of Carotenes and Xanthophylls in Photosystem I Photoprotection. Biochemistry, 2016, 55, 3636-3649.	2.5	56
12	FDMR of Carotenoid and Chlorophyll triplets in light-harvesting complex LHCII of spinach. Applied Magnetic Resonance, 1992, 3, 859-872.	1.2	50
13	A well resolved ODMR triplet minus singlet spectrum of P680 from PSII particles. FEBS Letters, 1994, 343, 200-204.	2.8	50
14	Auxin-Responsive Genes AIR12 Code for a New Family of Plasma Membrane b-Type Cytochromes Specific to Flowering Plants Â Â Â. Plant Physiology, 2009, 150, 606-620.	4.8	50
15	Quenching of Chlorophyll Triplet States by Carotenoids in Reconstituted Lhca4 Subunit of Peripheral Light-Harvesting Complex of Photosystem I. Biochemistry, 2005, 44, 8337-8346.	2.5	49
16	Structure-Based Calculations of the Optical Spectra of the Light-Harvesting Peridininâ^'Chlorophyllâ^'Protein Complexes from Amphidinium carterae and Heterocapsa pygmaea. Journal of Physical Chemistry B, 1999, 103, 6349-6356.	2.6	48
17	Identification by time-resolved EPR of the peridinins directly involved in chlorophyll triplet quenching in the peridininâ€“chlorophyll aâ€“protein from Amphidinium carterae. Biochimica Et Biophysica Acta - Bioenergetics, 2008, 1777, 186-195.	1.0	47
18	Optically detected magnetic resonance (ODMR) of photoexcited triplet states. Photosynthesis Research, 2009, 102, 403-414.	2.9	47

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19	Coherence in carotenoid-to-chlorophyll energy transfer. Nature Communications, 2018, 9, 3160.	12.8	46
20	Chlorophyll triplet states associated with Photosystem I and Photosystem II in thylakoids of the green alga Chlamydomonas reinhardtii. Biochimica Et Biophysica Acta - Bioenergetics, 2007, 1767, 88-105.	1.0	45
21	ODMR of carotenoid and chlorophyll triplets in CP43 and CP47 complexes of spinach. Chemical Physics Letters, 1992, 194, 275-281.	2.6	40
22	Identification of the Sites of Chlorophyll Triplet Quenching in Relation to the Structure of LHC-II from Higher Plants. Evidence from EPR Spectroscopy. Journal of Physical Chemistry B, 2009, 113, 13071-13078.	2.6	39
23	Lightâ€Induced Porphyrinâ€Based Spectroscopic Ruler for Nanometer Distance Measurements. Chemistry - A European Journal, 2016, 22, 17204-17214.	3.3	39
24	The [4Feâ€“4S]-cluster coordination of [FeFe]-hydrogenase maturation protein HydF as revealed by EPR and HYSCORE spectroscopies. Biochimica Et Biophysica Acta - Bioenergetics, 2012, 1817, 2149-2157.	1.0	38
25	Photoinduced Long-Lived Charge Separation in a Tetrathiafulvaleneâ^'Porphyrinâ^'Fullerene Triad Detected by Time-Resolved Electron Paramagnetic Resonance. Journal of Physical Chemistry B, 2005, 109, 14401-14409.	2.6	37
26	The Effect of Protein Conformational Flexibility on the Electronic Properties of a Chromophore. Biophysical Journal, 2003, 84, 2805-2813.	0.5	36
27	Carotenoid interactions in peridinin chlorophyll a proteins from dinoflagellates. Evidence for optical excitions and triplet migration. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 989.	1.7	35
28	Pulse ENDOR and density functional theory on the peridinin triplet state involved in the photo-protective mechanism in the peridininâ€“chlorophyll aâ€“protein from Amphidinium carterae. Biochimica Et Biophysica Acta - Bioenergetics, 2008, 1777, 295-307.	1.0	35
29	The Unique Photophysical Properties of the Peridinin-Chlorophyll-a-Protein. Current Protein and Peptide Science, 2014, 15, 332-350.	1.4	35
30	Fluorescence and Absorption Detected Magnetic Resonance of Chlorosomes from Green BacteriaChlorobium tepidumandChloroflexus aurantiacus. A Comparative Studyâ€. Journal of Physical Chemistry B, 2001, 105, 246-255.	2.6	34
31	Photochemistry of Artificial Photosynthetic Reaction Centers in Liquid Crystals Probed by Multifrequency EPR (9.5 and 95 GHz). Journal of the American Chemical Society, 2004, 126, 17074-17086.	13.7	34
32	Limits in the use of cPTIO as nitric oxide scavenger and EPR probe in plant cells and seedlings. Frontiers in Plant Science, 2013, 4, 340.	3.6	34
33	Energy transfer and spin polarization of the carotenoid triplet state in synthetic carotenoporphyrin dyads and in natural antenna complexes. Applied Magnetic Resonance, 1997, 13, 487-504.	1.2	33
34	Interquinone Electron Transfer in Photosystem I As Evidenced by Altering the Hydrogen Bond Strength to the Phylloquinone(s). Journal of Physical Chemistry B, 2010, 114, 9300-9312.	2.6	32
35	Chlorophyll triplet quenching by fucoxanthin in the fucoxanthinâ€“chlorophyll protein from the diatom Cyclotella meneghiniana. Biochemical and Biophysical Research Communications, 2012, 427, 637-641.	2.1	32
36	Photoprotective sites in the violaxanthinâ€“chlorophyll a binding Protein (VCP) from Nannochloropsis gaditana. Biochimica Et Biophysica Acta - Bioenergetics, 2014, 1837, 1235-1246.	1.0	32

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37	Tripletâ€“triplet energy transfer in the major intrinsic light-harvesting complex of Amphidinium carterae as revealed by ODMR and EPR spectroscopies. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 1759-1767.	1.0	31
38	An unusual role for the phytyl chains in the photoprotection of the chlorophylls bound to Water-Soluble Chlorophyll-binding Proteins. Scientific Reports, 2017, 7, 7504.	3.3	31
39	The P700 triplet state in an intact environment detected by ODMR. Biochimica Et Biophysica Acta - Bioenergetics, 1997, 1322, 115-128.	1.0	28
40	Tripletâ€“triplet energy transfer in fucoxanthin-chlorophyll protein from diatom Cyclotella meneghiniana: Insights into the structure of the complex. Biochimica Et Biophysica Acta - Bioenergetics, 2013, 1827, 1226-1234.	1.0	28
41	Spectroscopic properties of the peridinins involved in chlorophyll triplet quenching in high-salt peridininâ€“chlorophyll a-protein from Amphidinium carterae as revealed by optically detected magnetic resonance, pulse EPR and pulse ENDOR spectroscopies. Biochimica Et Biophysica Acta - Bioenergetics, 2008, 1777, 1355-1363.	1.0	27
42	Evidence for water-mediated tripletâ€“triplet energy transfer in the photoprotective site of the peridininâ€“chlorophyll aâ€“protein. Biochimica Et Biophysica Acta - Bioenergetics, 2014, 1837, 85-97.	1.0	27
43	Mechanism of nitrofurantoin toxicity and oxidative stress in mitochondria. Biochimica Et Biophysica Acta - Bioenergetics, 1988, 936, 139-147.	1.0	26
44	Alteration of the H-Bond to the A_{1A} Phylloquinone in Photosystem I: Influence on the Kinetics and Energetics of Electron Transfer. Journal of Physical Chemistry B, 2011, 115, 1751-1759.	2.6	25
45	Water-Soluble Chlorophyll Protein (WSCP) Stably Binds Two or Four Chlorophylls. Biochemistry, 2017, 56, 1726-1736.	2.5	25
46	Carotenoid triplet detection by time-resolved EPR spectroscopy in carotenopyropheophorbide dyads. Journal of Photochemistry and Photobiology A: Chemistry, 1997, 105, 329-335.	3.9	24
47	Distance measurements in peridinin-chlorophyll a -protein by light-induced PELDOR spectroscopy. Analysis of triplet state localization. Biochimica Et Biophysica Acta - Bioenergetics, 2016, 1857, 1909-1916.	1.0	24
48	Overview of the Maturation Machinery of the H-Cluster of [FeFe]-Hydrogenases with a Focus on HydF. International Journal of Molecular Sciences, 2018, 19, 3118.	4.1	23
49	How water-mediated hydrogen bonds affect chlorophyll a/b selectivity in Water-Soluble Chlorophyll Protein. Scientific Reports, 2019, 9, 18255.	3.3	23
50	How the Protein Environment Can Tune the Energy, the Coupling, and the Ultrafast Dynamics of Interacting Chlorophylls: The Example of the Water-Soluble Chlorophyll Protein. Journal of Physical Chemistry Letters, 2020, 11, 1059-1067.	4.6	23
51	NPQ activation reduces chlorophyll triplet state formation in the moss Physcomitrella patens. Biochimica Et Biophysica Acta - Bioenergetics, 2012, 1817, 1608-1615.	1.0	21
52	The electronic structure of the lutein triplet state in plant light-harvesting complex II. Physical Chemistry Chemical Physics, 2012, 14, 12238.	2.8	21
53	Triplet-state spin labels for highly sensitive pulsed dipolar spectroscopy. Molecular Physics, 2019, 117, 2673-2687.	1.7	20
54	Model for Tripletâ^'Triplet Energy Transfer in Natural Clusters of Peridinin Molecules Contained in Dinoflagellate's Outer Antenna Proteins. Journal of Physical Chemistry B, 1999, 103, 6357-6362.	2.6	19

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55	Optically Detected Magnetic Resonance of Chlorophyll Triplet States in Water-Soluble Chlorophyll Proteins from Lepidium virginicum: Evidence for Excitonic Interaction among the Four Pigments. Journal of Physical Chemistry B, 2018, 122, 6156-6163.	2.6	19
56	Exploring iron-binding to human frataxin and to selected Friedreich ataxia mutants by means of NMR and EPR spectroscopies. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2019, 1867, 140254.	2.3	19
57	FDMR spectroscopy of peridinin-chlorophyll-a protein from Amphidinium carterae. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1995, 51, 115-123.	3.9	18
58	Analysis of photosystem II triplet states in thylakoids by fluorescence detected magnetic resonance in relation to the redox state of the primary quinone acceptor QA. Chemical Physics, 2003, 294, 257-266.	1.9	18
59	Tripletâ€"triplet energy transfer in Peridinin-Chlorophyll a-protein reconstituted with Chl a and Chl d as revealed by optically detected magnetic resonance and pulse EPR: Comparison with the native PCP complex from Amphidinium carterae. Biochimica Et Biophysica Acta - Bioenergetics, 2009, 1787, 168-175.	1.0	18
60	Conservation of Spin Polarization during Tripletâ€"Triplet Energy Transfer in Reconstituted Peridininâ€"Chlorophyllâ€"Protein Complexes. Journal of Physical Chemistry B, 2011, 115, 13371-13380.	2.6	18
61	FDMR of chlorophyll triplets in integrated particles and isolated reaction centres of Photosystem II. Identification of P680 triplet. Biochimica Et Biophysica Acta - Bioenergetics, 1994, 1185, 167-176.	1.0	16
62	Carotenoid Triplet States Associated with the Long-Wavelength-Emitting Chlorophyll Forms of Photosystem I in Isolated Thylakoid Membranes. Journal of Physical Chemistry B, 2005, 109, 986-991.	2.6	16
63	Comparative analysis of [FeFe] hydrogenase from Thermotogales indicates the molecular basis of resistance to oxygen inactivation. International Journal of Hydrogen Energy, 2008, 33, 570-578.	7.1	16
64	Catalysis and electron transfer in protein crystals: the binary and ternary complexes of methylamine dehydrogenase with electron acceptors. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2003, 1647, 337-342.	2.3	14
65	Electron transfer in crystals of the binary and ternary complexes of methylamine dehydrogenase with amicyanin and cytochrome c551i as detected by EPR spectroscopy. Journal of Biological Inorganic Chemistry, 2004, 9, 231-237.	2.6	14
66	Electronic Coupling Effects on Photoinduced Electron Transfer in Caroteneâ^'Porphyrinâ^'Fullerene Triads Detected by Time-Resolved EPR. Journal of Chemical Information and Modeling, 2005, 45, 1580-1588.	5.4	14
67	Carotenoid triplet states in photosystem II: Coupling with low-energy states of the core complex. Biochimica Et Biophysica Acta - Bioenergetics, 2015, 1847, 262-275.	1.0	13
68	A Fluorescence Detected Magnetic Resonance Investigation of the Carotenoid Triplet States Associated with Photosystem II of Isolated Spinach Thylakoid Membranes. Photosynthesis Research, 2005, 86, 283-296.	2.9	12
69	Structural Changes of a Doubly Spinâ€Labeled Chemically Driven Molecular Shuttle Probed by PELDOR Spectroscopy. Chemistry - A European Journal, 2016, 22, 8745-8750.	3.3	11
70	The fine tuning of carotenoidâ€"chlorophyll interactions in light-harvesting complexes: an important requisite to guarantee efficient photoprotection via tripletâ€"triplet energy transfer in the complex balance of the energy transfer processes. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 162001.	1.5	11
71	Altering the exciton landscape by removal of specific chlorophylls in monomeric LHCII provides information on the sites of triplet formation and quenching by means of ODMR and EPR spectroscopies. Biochimica Et Biophysica Acta - Bioenergetics, 2021, 1862, 148481.	1.0	11
72	The photo-excited triplet state of chlorophylldin methyl-tetrahydrofuran studied by optically detected magnetic resonance and time-resolved EPR. Molecular Physics, 2007, 105, 2109-2117.	1.7	10

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73	Pulsed EPR and ENDOR on the Peridinin Triplet State Involved in the Photoprotective Mechanism in Peridininâ€“Chlorophyll aâ€“Proteins. Applied Magnetic Resonance, 2010, 37, 191-205.	1.2	10
74	Unravelling electronic and structural requisites of tripletâ€“triplet energy transfer by advanced electron paramagnetic resonance and density functional theory. Molecular Physics, 2013, 111, 2914-2932.	1.7	10
75	Probing the Solvent Accessibility of the [4Feâ€“4S] Cluster of the Hydrogenase Maturation Protein HydF from Thermotoga neapolitana by HYSCORE and 3p-ESEEM. Journal of Physical Chemistry B, 2015, 119, 13680-13689.	2.6	10
76	Characterization of the [FeFe]-Hydrogenase Maturation Protein HydF by EPR Techniques: Insights into the Catalytic Mechanism. Topics in Catalysis, 2015, 58, 708-718.	2.8	10
77	Identifying conformational changes with site-directed spin labeling reveals that the GTPase domain of HydF is a molecular switch. Scientific Reports, 2017, 7, 1714.	3.3	10
78	Reaction Center Models in Liquid Crystals: Identification of Paramagnetic Intermediates. Molecular Crystals and Liquid Crystals, 2003, 394, 19-30.	0.9	9
79	The proton iron-sulfur cluster environment of the [FeFe]-hydrogenase maturation protein HydF from Thermotoga neapolitana. International Journal of Hydrogen Energy, 2014, 39, 18574-18582.	7.1	9
80	Accessibility of Protein-Bound Chlorophylls Probed by Dynamic Electron Polarization. Journal of Physical Chemistry Letters, 2018, 9, 672-676.	4.6	9
81	Primary donor triplet states of Photosystem I and II studied by Q-band pulse ENDOR spectroscopy. Photosynthesis Research, 2022, , 1.	2.9	9
82	Optically Detected Magnetic Resonance of pigments in Light Harvesting Complex (LHCII) of spinach. Rendiconti Lincei, 1992, 3, 361-368.	2.2	8
83	Structural investigation of oxidized chlorosomes from green bacteria using multifrequency electron paramagnetic resonance up to 330 GHz. Photosynthesis Research, 2002, 71, 33-44.	2.9	8
84	Time-resolved EPR investigation of charge recombination to a triplet state in a carotene-diporphyrin triad. Molecular Physics, 2006, 104, 1595-1607.	1.7	8
85	HYSCORE on Photoexcited Triplet States. Applied Magnetic Resonance, 2015, 46, 389-409.	1.2	8
86	Similarity and Specificity of Chlorophyll b Triplet State in Comparison to Chlorophyll a as Revealed by EPR/ENDOR and DFT Calculations. Journal of Physical Chemistry B, 2019, 123, 8232-8239.	2.6	8
87	Effects of Fe2+/Fe3+ Binding to Human Frataxin and Its D122Y Variant, as Revealed by Site-Directed Spin Labeling (SDSL) EPR Complemented by Fluorescence and Circular Dichroism Spectroscopies. International Journal of Molecular Sciences, 2020, 21, 9619.	4.1	8
88	A distinctive pathway for triplet-triplet energy transfer photoprotection in fucoxanthin chlorophyll-binding proteins from Cyclotella meneghiniana. Biochimica Et Biophysica Acta - Bioenergetics, 2021, 1862, 148310.	1.0	8
89	Optically detected magnetic resonance study on the origin of the pheophytin triplet state in D1D2-cytochrome b-559 complexes. Biochimica Et Biophysica Acta - Bioenergetics, 1994, 1188, 35-45.	1.0	7
90	Substantial Deletions in the DE Loop of the Photosystem II D1 Protein Do Not Prevent its Turnover or Cross-linking with the Î±-subunit of Cytochrome b559. A Study Using Synechocystis sp. PCC 6803 Mutants. Journal of Plant Physiology, 1999, 154, 591-596.	3.5	7

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91	Magnetic Resonance Studies and Molecular Orbital Calculations on the Doublet and Triplet States of Bacteriopurpurin:Â a Potential Second-Generation Photosensitizer for Photodynamic Therapy. Journal of Physical Chemistry B, 2002, 106, 2769-2778.	2.6	7
92	ODMR spectroscopy of molecular functions in photosynthetic membrane proteins. Applied Magnetic Resonance, 2007, 31, 179-191.	1.2	7
93	Iron Binding Properties of Recombinant Class A Protein Disulfide Isomerase from Arabidopsis thaliana. Biochemistry, 2017, 56, 2116-2125.	2.5	7
94	Triplet Charge Recombination in Heliobacterial Reaction Centers Does Not Produce a Spin-Polarized EPR Spectrum. Zeitschrift Fur Physikalische Chemie, 2017, 231, 593-607.	2.8	7
95	Violaxanthin and Zeaxanthin May Replace Lutein at the L1 Site of LHCII, Conserving the Interactions with Surrounding Chlorophylls and the Capability of Tripletâ€“Triplet Energy Transfer. International Journal of Molecular Sciences, 2022, 23, 4812.	4.1	7
96	Isolation and characterization of photosystem II subcomplexes from cyanobacteria lacking photosystem I. FEBS Journal, 2001, 268, 5129-5134.	0.2	6
97	Fluorescence and Absorption Detected Magnetic Resonance of Membranes from the Green Sulfur Bacterium Chlorobium limicola. Full Assignment of Detected Triplet States. Journal of Physical Chemistry B, 2002, 106, 7560-7568.	2.6	6
98	Neuroglobin Provides a Convenient Scaffold to Investigate the Triplet-State Properties of Porphyrins by Time-Resolved EPR Spectroscopy and Magnetophotoselection. Applied Magnetic Resonance, 0, , 1.	1.2	6
99	Structural and functional role of the PsbH protein in resistance to light stress in Synechocystis PCC 6803. Functional Plant Biology, 2002, 29, 1181.	2.1	5
100	Magnetophotoselection in the Investigation of Excitonically Coupled Chromophores: The Case of the Water-Soluble Chlorophyll Protein. Molecules, 2022, 27, 3654.	3.8	5
101	Zero-field ODMR studies of excited triplets in the B-TCNB crystal. Chemical Physics Letters, 1990, 167, 78-84.	2.6	4
102	Optically detected magnetic resonance of intact membranes from Chloroflexus aurantiacus. Evidence for exciton interaction between the RC and the B808-866 complex. Photosynthesis Research, 2002, 71, 45-57.	2.9	4
103	A structural model for the assembly of the reaction centre and the B808-866 complex in the membranes of Chloroflexus aurantiacus based on the calculation of the triplet minus singlet spectrum of the primary donor. Chemical Physics, 2003, 294, 267-275.	1.9	4
104	Changes in the fraction of strongly attached cross bridges in mouse atrophic and hypertrophic muscles as revealed by continuous wave electron paramagnetic resonance. American Journal of Physiology - Cell Physiology, 2019, 316, C722-C730.	4.6	4
105	Disclosing the Molecular Mechanism of Iron Incorporation in Listeria innocua Dps by EPR Spectroscopy. Applied Magnetic Resonance, 2020, 51, 1543-1557.	1.2	4
106	Nature of the Ligand-Centered Triplet State in Gd3+ Î²-Diketonate Complexes as Revealed by Time-Resolved EPR Spectroscopy and DFT Calculations. Inorganic Chemistry, 2021, 60, 15141-15150.	4.0	4
107	A conformational study of the GTPase domain of [FeFe]-hydrogenase maturation protein HydF by PELDOR spectroscopy. Applied Magnetic Resonance, 2015, 46, 465-479.	1.2	3
108	Changing the site energy of per-614 in the Peridinin-chlorophyll a-protein does not alter its capability of chlorophyll triplet quenching. Biochimica Et Biophysica Acta - Bioenergetics, 2018, 1859, 612-618.	1.0	3

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109	Differential sensitivity to oxygen among the bacteriochlorophylls g in the type-I reaction centers of Heliobacterium modesticaldum. Photochemical and Photobiological Sciences, 2021, 20, 747-759.	2.9	3
110	A Combined Spectroscopic and In Silico Approach to Evaluate the Interaction of Human Frataxin with Mitochondrial Superoxide Dismutase. Biomedicines, 2021, 9, 1763.	3.2	3
111	The Energy Transfer Yield between Carotenoids and Chlorophylls in Peridinin Chlorophyll a Protein Is Robust against Mutations. International Journal of Molecular Sciences, 2022, 23, 5067.	4.1	3
112	EPR-detected photoinduced electron transfer in three structurally related molecular triads. Applied Magnetic Resonance, 2006, 30, 555-576.	1.2	2
113	Light-Induced Porphyrin-Based Spectroscopic Ruler for Nanometer Distance Measurements. Chemistry - A European Journal, 2016, 22, 17059-17059.	3.3	2
114	Photo-induced spin switching in a modified anthraquinone modulated by DNA binding. Photochemical and Photobiological Sciences, 2019, 18, 2199-2207.	2.9	2
115	Electron Nuclear Double Resonance of the Chlorophyll Triplet State in the Water-Soluble Chlorophyll Protein from Brassica oleracea: Investigation of the Effect of the Binding Site on the Hyperfine Couplings. Applied Magnetic Resonance, 2020, 51, 925-937.	1.2	2
116	Reliability of Blue-Emitting Eu2+-Doped Phosphors for Laser-Lighting Applications. Materials, 2018, 11, 1552.	2.9	1
117	Time evolution of the ODMR spectrum of an X-Trap triplet in Biphenyl-TCNB crystal. Applied Magnetic Resonance, 1991, 2, 229-240.	1.2	0
118	Giovanni Giacometti: On the Occasion of His 85th Birthday. Applied Magnetic Resonance, 2015, 46, 357-358.	1.2	0