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	Primary donor triplet states of Photosystem I and II studied by Q-band pulse ENDOR spectroscopy. Photosynthesis Research, 2022, , 1.	2.9	9
2	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
3	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
4	Magnetophotoselection in the Investigation of Excitonically Coupled Chromophores: The Case of the Water-Soluble Chlorophyll Protein. Molecules, 2022, 27, 3654.	3.8	5
5	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
6	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
7	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
8	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
9	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
10	Disclosing the Molecular Mechanism of Iron Incorporation in Listeria innocua Dps by EPR Spectroscopy. Applied Magnetic Resonance, 2020, 51, 1543-1557.	1.2	4
11	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
12	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
13	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
14	Triplet-state spin labels for highly sensitive pulsed dipolar spectroscopy. Molecular Physics, 2019, 117, 2673-2687.	1.7	20
15	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
16	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
17	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
18	Photo-induced spin switching in a modified anthraquinone modulated by DNA binding. Photochemical and Photobiological Sciences, 2019, 18, 2199-2207.	2.9	2

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19	How water-mediated hydrogen bonds affect chlorophyll a/b selectivity in Water-Soluble Chlorophyll Protein. Scientific Reports, 2019, 9, 18255.	3.3	23
20	Accessibility of Protein-Bound Chlorophylls Probed by Dynamic Electron Polarization. Journal of Physical Chemistry Letters, 2018, 9, 672-676.	4.6	9
21	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
22	Reliability of Blue-Emitting Eu2+-Doped Phosphors for Laser-Lighting Applications. Materials, 2018, 11, 1552.	2.9	1
23	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
24	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
25	Coherence in carotenoid-to-chlorophyll energy transfer. Nature Communications, 2018, 9, 3160.	12.8	46
26	Water-Soluble Chlorophyll Protein (WSCP) Stably Binds Two or Four Chlorophylls. Biochemistry, 2017, 56, 1726-1736.	2.5	25
27	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
28	Iron Binding Properties of Recombinant Class A Protein Disulfide Isomerase from Arabidopsis thaliana. Biochemistry, 2017, 56, 2116-2125.	2.5	7
29	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
30	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
31	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
32	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
33	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
34	Light-Induced Porphyrin-Based Spectroscopic Ruler for Nanometer Distance Measurements. Chemistry - A European Journal, 2016, 22, 17059-17059.	3.3	2
35	Lightâ€Induced Porphyrinâ€Based Spectroscopic Ruler for Nanometer Distance Measurements. Chemistry - A European Journal, 2016, 22, 17204-17214.	3.3	39
36	Differential Roles of Carotenes and Xanthophylls in Photosystem I Photoprotection. Biochemistry, 2016, 55, 3636-3649.	2.5	56

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37	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
38	HYSCORE on Photoexcited Triplet States. Applied Magnetic Resonance, 2015, 46, 389-409.	1.2	8
39	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
40	Giovanni Giacometti: On the Occasion of His 85th Birthday. Applied Magnetic Resonance, 2015, 46, 357-358.	1.2	0
41	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
42	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
43	The Unique Photophysical Properties of the Peridinin-Chlorophyll-a-Protein. Current Protein and Peptide Science, 2014, 15, 332-350.	1.4	35
44	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
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	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
53	NPQ activation reduces chlorophyll triplet state formation in the moss Physcomitrella patens. Biochimica Et Biophysica Acta - Bioenergetics, 2012, 1817, 1608-1615.	1.0	21
54	The electronic structure of the lutein triplet state in plant light-harvesting complex II. Physical Chemistry Chemical Physics, 2012, 14, 12238.	2.8	21

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55	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
56	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
57	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
58	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
59	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
60	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
61	Cuprizone neurotoxicity, copper deficiency and neurodegeneration. NeuroToxicology, 2010, 31, 509-517.	3.0	59
62	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
63	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
64	Optically detected magnetic resonance (ODMR) of photoexcited triplet states. Photosynthesis Research, 2009, 102, 403-414.	2.9	47
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	ODMR spectroscopy of molecular functions in photosynthetic membrane proteins. Applied Magnetic Resonance, 2007, 31, 179-191.	1.2	7

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73	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
74	EPR-detected photoinduced electron transfer in three structurally related molecular triads. Applied Magnetic Resonance, 2006, 30, 555-576.	1.2	2
75	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
76	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
77	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
78	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
79	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
80	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
81	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
82	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
83	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
84	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
85	The Effect of Protein Conformational Flexibility on the Electronic Properties of a Chromophore. Biophysical Journal, 2003, 84, 2805-2813.	0.5	36
86	Reaction Center Models in Liquid Crystals: Identification of Paramagnetic Intermediates. Molecular Crystals and Liquid Crystals, 2003, 394, 19-30.	0.9	9
87	Species-specific Differences of the Spectroscopic Properties of P700. Journal of Biological Chemistry, 2003, 278, 46760-46771.	3.4	65
88	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
89	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
90	Chlorophyll Triplet States Associated with Photosystem II of Thylakoidsâ€. Biochemistry, 2002, 41, 8184-8194.	2.5	70

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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	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
93	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
94	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
95	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
96	Isolation and characterization of photosystem II subcomplexes from cyanobacteria lacking photosystem I. FEBS Journal, 2001, 268, 5129-5134.	0.2	6
97	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
98	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
99	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
100	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
101	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
102	The P700 triplet state in an intact environment detected by ODMR. Biochimica Et Biophysica Acta - Bioenergetics, 1997, 1322, 115-128.	1.0	28
103	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
104	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
105	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
106	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
107	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
108	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

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109	A well resolved ODMR triplet minus singlet spectrum of P680 from PSII particles. FEBS Letters, 1994, 343, 200-204.	2.8	50
110	FDMR of Carotenoid and Chlorophyll triplets in light-harvesting complex LHCII of spinach. Applied Magnetic Resonance, 1992, 3, 859-872.	1.2	50
111	Optically Detected Magnetic Resonance of pigments in Light Harvesting Complex (LHCII) of spinach. Rendiconti Lincei, 1992, 3, 361-368.	2.2	8
112	ODMR of carotenoid and chlorophyll triplets in CP43 and CP47 complexes of spinach. Chemical Physics Letters, 1992, 194, 275-281.	2.6	40
113	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
114	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
115	Zero-field ODMR studies of excited triplets in the B-TCNB crystal. Chemical Physics Letters, 1990, 167, 78-84.	2.6	4
116	Mechanism of nitrofurantoin toxicity and oxidative stress in mitochondria. Biochimica Et Biophysica Acta - Bioenergetics, 1988, 936, 139-147.	1.0	26
117	Permeability of inner mitochondrial membrane and oxidative stress. Biochimica Et Biophysica Acta - Biomembranes, 1988, 943, 245-255.	2.6	91
118	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