

# Gunnar Jeschke

## List of Publications by Year in descending order

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242  
papers

14,572  
citations

23500

58  
h-index

24915

109  
g-index

263  
all docs

263  
docs citations

263  
times ranked

7756  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rotational Coupling in Methyl-Tunneling Electron Spin Echo Envelope Modulation. Applied Magnetic Resonance, 2022, 53, 635-651.	0.6	6
2	Ultrahigh nitrogen-vacancy center concentration in diamond. Carbon, 2022, 188, 393-400.	5.4	9
3	Redispersion strategy for high-loading carbon-supported metal catalysts with controlled nuclearity. Journal of Materials Chemistry A, 2022, 10, 5953-5961.	5.2	16
4	Dipolar pathways in dipolar EPR spectroscopy. Physical Chemistry Chemical Physics, 2022, 24, 2504-2520.	1.3	7
5	Cu <sup>2+</sup> -Induced self-assembly and amyloid formation of a cyclic $\alpha$ -peptide: structure and function. Physical Chemistry Chemical Physics, 2022, 24, 6699-6715.	1.3	3
6	Integrative ensemble modeling of proteins and their complexes with distance distribution restraints. Methods in Enzymology, 2022, 666, 145-169.	0.4	12
7	DEER experiments reveal fundamental differences between calmodulin complexes with IQ and MARCKS peptides in solution. Structure, 2022, 30, 813-827.e5.	1.6	3
8	Compactness regularization in the analysis of dipolar EPR spectroscopy data. Journal of Magnetic Resonance, 2022, 339, 107218.	1.2	9
9	Neural networks in pulsed dipolar spectroscopy: A practical guide. Journal of Magnetic Resonance, 2022, 338, 107186.	1.2	18
10	Elucidation of radical- and oxygenate-driven paths in zeolite-catalysed conversion of methanol and methyl chloride to hydrocarbons. Nature Catalysis, 2022, 5, 605-614.	16.1	32
11	Design Principles for the Development of Gd(III) Polarizing Agents for Magic Angle Spinning Dynamic Nuclear Polarization. Journal of Physical Chemistry C, 2022, 126, 11310-11317.	1.5	10
12	Designing broadband pulsed dynamic nuclear polarization sequences in static solids. Science Advances, 2022, 8, .	4.7	8
13	A Robust and Efficient Propane Dehydrogenation Catalyst from Unexpectedly Segregated Pt <sub>2</sub> Mn Nanoparticles. Journal of the American Chemical Society, 2022, 144, 13384-13393.	6.6	24
14	Quantification of Redox Sites during Catalytic Propane Oxychlorination by Operando EPR Spectroscopy. Angewandte Chemie - International Edition, 2021, 60, 3596-3602.	7.2	14
15	MMM: Integrative ensemble modeling and ensemble analysis. Protein Science, 2021, 30, 125-135.	3.1	24
16	Molecular and supported Ti(III)-alkyls: efficient ethylene polymerization driven by the $\sigma$ -character of metal-carbon bonds and back donation from a singly occupied molecular orbital. Chemical Science, 2021, 12, 780-792.	3.7	15
17	A sensitivity leap for X-band EPR using a probehead with a cryogenic preamplifier. Journal of Magnetic Resonance, 2021, 322, 106876.	1.2	19
18	Quantification of Redox Sites during Catalytic Propane Oxychlorination by Operando EPR Spectroscopy. Angewandte Chemie, 2021, 133, 3640-3646.	1.6	6

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19	Innentitelbild: Quantification of Redox Sites during Catalytic Propane Oxychlorination by Operando EPR Spectroscopy (Angew. Chem. 7/2021). <i>Angewandte Chemie</i> , 2021, 133, 3354-3354.	1.6	0
20	Regularized dynamical decoupling noise spectroscopy â€“ a decoherence descriptor for radicals in glassy matrices. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 21664-21676.	1.3	8
21	Structural insights into Î±-synuclein monomerâ€“fibril interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	60
22	NMR and EPR reveal a compaction of the RNA-binding protein FUS upon droplet formation. <i>Nature Chemical Biology</i> , 2021, 17, 608-614.	3.9	63
23	Stringent Primer Termination by an Archaeo-Eukaryotic DNA Primase. <i>Frontiers in Microbiology</i> , 2021, 12, 652928.	1.5	2
24	Characterization of Weak Protein Domain Structure by Spin-Label Distance Distributions. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 636599.	1.6	12
25	Gradual opening of Smc arms in prokaryotic condensin. <i>Cell Reports</i> , 2021, 35, 109051.	2.9	11
26	Spectroscopic Signature and Structure of the Active Sites in Zieglerâ€“Natta Polymerization Catalysts Revealed by Electron Paramagnetic Resonance. <i>Journal of the American Chemical Society</i> , 2021, 143, 9791-9797.	6.6	19
27	Identification of Kinetic and Spectroscopic Signatures of Copper Sites for Direct Oxidation of Methane to Methanol. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15944-15953.	7.2	33
28	Identification of Kinetic and Spectroscopic Signatures of Copper Sites for Direct Oxidation of Methane to Methanol. <i>Angewandte Chemie</i> , 2021, 133, 16080-16089.	1.6	0
29	One to Find Them All: A General Route to Ni(I)â€“Phenolate Species. <i>Journal of the American Chemical Society</i> , 2021, 143, 10642-10648.	6.6	22
30	Reconstruction of Coupled Intra- and Interdomain Protein Motion from Nuclear and Electron Magnetic Resonance. <i>Journal of the American Chemical Society</i> , 2021, 143, 16055-16067.	6.6	13
31	Spectroscopic glimpses of the transition state of ATP hydrolysis trapped in a bacterial DnaB helicase. <i>Nature Communications</i> , 2021, 12, 5293.	5.8	13
32	Resolving distance variations by single-molecule FRET and EPR spectroscopy using rotamer libraries. <i>Biophysical Journal</i> , 2021, 120, 4842-4858.	0.2	21
33	Radical Trifluoroacetylation of Alkenes Triggered by a Visibleâ€“Lightâ€“Promoted Câ€“O Bond Fragmentation of Trifluoroacetic Anhydride. <i>Angewandte Chemie</i> , 2021, 133, 22661-22669.	1.6	4
34	Radical Trifluoroacetylation of Alkenes Triggered by a Visibleâ€“Lightâ€“Promoted Câ€“O Bond Fragmentation of Trifluoroacetic Anhydride. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22487-22495.	7.2	29
35	Structural biology of RNA-binding proteins in the context of phase separation: What NMR and EPR can bring?. <i>Current Opinion in Structural Biology</i> , 2021, 70, 132-138.	2.6	23
36	Dynamical decoupling in waterâ€“glycerol glasses: a comparison of nitroxides, trityl radicals and gadolinium complexes. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 5352-5369.	1.3	10

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37	Benchmark Test and Guidelines for DEER/PELDOR Experiments on Nitroxide-Labeled Biomolecules. <i>Journal of the American Chemical Society</i> , 2021, 143, 17875-17890.	6.6	124
38	Efficient Dynamic Nuclear Polarization up to 230 K with Hybrid BDPA-Nitroxide Radicals at a High Magnetic Field. <i>Journal of Physical Chemistry B</i> , 2021, 125, 13329-13338.	1.2	9
39	Optimal background treatment in dipolar spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 1855-1868.	1.3	17
40	Modulating Effect of Ligand Charge on the Electronic Properties of 2Ni <sup>II</sup> S Structures and Implications for Biological 2Mn <sup>II</sup> S Sites. <i>Inorganic Chemistry</i> , 2020, 59, 17234-17243.	1.9	0
41	Accessing distributions of exchange and dipolar couplings in stiff molecular rulers with Cu(II) centres. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 21707-21730.	1.3	9
42	Open and Closed Radicals: Local Geometry around Unpaired Electrons Governs Magic-Angle Spinning Dynamic Nuclear Polarization Performance. <i>Journal of the American Chemical Society</i> , 2020, 142, 16587-16599.	6.6	42
43	Magnetic excitation and readout of methyl group tunnel coherence. <i>Science Advances</i> , 2020, 6, eaba1517.	4.7	16
44	Reactivity of Diarylnitrenium Ions. <i>Chemistry - A European Journal</i> , 2020, 26, 8871-8874.	1.7	3
45	Supramolecular Approach to Electron Paramagnetic Resonance Distance Measurement of Spin-Labeled Proteins. <i>Journal of Physical Chemistry B</i> , 2020, 124, 3291-3299.	1.2	6
46	DeerLab: a comprehensive software package for analyzing dipolar electron paramagnetic resonance spectroscopy data. <i>Magnetic Resonance</i> , 2020, 1, 209-224.	0.8	93
47	Distance measurement between trityl radicals by pulse dressed electron paramagnetic resonance with phase modulation. <i>Magnetic Resonance</i> , 2020, 1, 75-87.	0.8	8
48	Pyridyl Radical Cation for C-H Amination of Arenes. <i>Angewandte Chemie</i> , 2019, 131, 536-541.	1.6	24
49	UWB DEER and RIDME distance measurements in Cu(II)-Cu(II) spin pairs. <i>Journal of Magnetic Resonance</i> , 2019, 308, 106560.	1.2	34
50	Quo vadis EPR?. <i>Journal of Magnetic Resonance</i> , 2019, 306, 36-41.	1.2	9
51	Improving the accuracy of Cu(II)-nitroxide RIDME in the presence of orientation correlation in water-soluble Cu(II)-nitroxide rulers. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 9810-9830.	1.3	38
52	Synthetic Diversity from a Versatile and Radical Nitrating Reagent. <i>Chemistry - A European Journal</i> , 2019, 25, 12929-12939.	1.7	39
53	Linear and Kinked Oligo(phenyleneethynylene)s as Ideal Molecular Calibrants for Förster Resonance Energy Transfer. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 6942-6947.	2.1	9
54	Frontispiece: Synthetic Diversity from a Versatile and Radical Nitrating Reagent. <i>Chemistry - A European Journal</i> , 2019, 25, .	1.7	0

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55	Structural basis and mechanism for metallochaperone-assisted assembly of the Cu <sub>A</sub> center in cytochrome oxidase. <i>Science Advances</i> , 2019, 5, eaaw8478.	4.7	20
56	Non-uniform HYSORE: Measurement, processing and analysis with Hyscorean. <i>Journal of Magnetic Resonance</i> , 2019, 307, 106576.	1.2	7
57	Pulsed EPR Methods to Study Biomolecular Interactions. <i>Chimia</i> , 2019, 73, 268.	0.3	5
58	A Factor Two Improvement in High-Field Dynamic Nuclear Polarization from Gd(III) Complexes by Design. <i>Journal of the American Chemical Society</i> , 2019, 141, 8746-8751.	6.6	28
59	ELDOR-detected NMR beyond hyperfine couplings: a case study with Cu(II)-porphyrin dimers. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 11676-11688.	1.3	20
60	Diethyl Pyrroline Nitroxide Spin Labels: Synthesis, EPR Characterization, Rotamer Libraries and Biocompatibility. <i>ChemistryOpen</i> , 2019, 8, 1057-1065.	0.9	30
61	Intermolecular background decay in RIDME experiments. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 8228-8245.	1.3	33
62	Magnetic field and orientation dependence of solid-state CIDNP. <i>Journal of Chemical Physics</i> , 2019, 150, 094105.	1.2	11
63	Comparison of the functional properties of trimeric and monomeric CaiT of <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2019, 9, 3787.	1.6	4
64	Comparison of Free Radical Levels in the Aerosol from Conventional Cigarettes, Electronic Cigarettes, and Heat-Not-Burn Tobacco Products. <i>Chemical Research in Toxicology</i> , 2019, 32, 1289-1298.	1.7	30
65	General regularization framework for DEER spectroscopy. <i>Journal of Magnetic Resonance</i> , 2019, 300, 28-40.	1.2	16
66	Trityl Radicals with a Combination of the Orthogonal Functional Groups Ethyne and Carboxyl: Synthesis without a Statistical Step and EPR Characterization. <i>Journal of Organic Chemistry</i> , 2019, 84, 3304-3320.	1.7	20
67	Pyridyl Radical Cation for C-H Amination of Arenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 526-531.	7.2	86
68	Chirp echo Fourier transform EPR-detected NMR. <i>Journal of Magnetic Resonance</i> , 2018, 289, 26-34.	1.2	13
69	Quantitative analysis of zero-field splitting parameter distributions in Gd(III) complexes. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 10470-10492.	1.3	42
70	Electron paramagnetic resonance of a copper doped [(CH <sub>3</sub> ) <sub>2</sub> NH] <sub>2</sub> [Zn(HCOO) <sub>3</sub> ] hybrid perovskite framework. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 12097-12105.	1.3	14
71	Structural basis of siRNA recognition by TRBP double-stranded siRNA binding domains. <i>EMBO Journal</i> , 2018, 37, .	3.5	43
72	Double resonance calibration of g factor standards: Carbon fibers as a high precision standard. <i>Journal of Magnetic Resonance</i> , 2018, 289, 100-106.	1.2	12

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73	Dynamical decoupling of nitroxides in <i>o</i> -terphenyl: a study of temperature, deuteration and concentration effects. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 1615-1628.	1.3	36
74	MMM: A toolbox for integrative structure modeling. <i>Protein Science</i> , 2018, 27, 76-85.	3.1	130
75	Oxidative Biphasic Depolymerization (BPD) of Kraft Lignin at Low pH. <i>ChemistrySelect</i> , 2018, 3, 11680-11686.	0.7	11
76	Rotamer Modelling of Cu(II) Spin Labels Based on the Double-Histidine Motif. <i>Applied Magnetic Resonance</i> , 2018, 49, 1281-1298.	0.6	21
77	BDPA-Nitroxide Biradicals Tailored for Efficient Dynamic Nuclear Polarization Enhanced Solid-State NMR at Magnetic Fields up to 21.1 T. <i>Journal of the American Chemical Society</i> , 2018, 140, 13340-13349.	6.6	99
78	Two-Dimensional Distance Correlation Maps from Pulsed Triple Electron Resonance (TRIER) on Proteins with Three Paramagnetic Centers. <i>Applied Magnetic Resonance</i> , 2018, 49, 1253-1279.	0.6	5
79	Low-Coordinate Titanium(III) Alkyl Molecular and Surface Complexes: Detailed Structure from Advanced EPR Spectroscopy. <i>Angewandte Chemie</i> , 2018, 130, 14741-14745.	1.6	2
80	Radikalische Trifluormethoxylierung aromatischer Verbindungen durch photochemische N-O-Bindungsaktivierung. <i>Angewandte Chemie</i> , 2018, 130, 13980-13985.	1.6	41
81	Low-Coordinate Titanium(III) Alkyl Molecular and Surface Complexes: Detailed Structure from Advanced EPR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14533-14537.	7.2	15
82	The contribution of modern EPR to structural biology. <i>Emerging Topics in Life Sciences</i> , 2018, 2, 9-18.	1.1	87
83	Capture and characterization of a reactive haem carbenoid complex in an artificial metalloenzyme. <i>Nature Catalysis</i> , 2018, 1, 578-584.	16.1	93
84	Deep neural network processing of DEER data. <i>Science Advances</i> , 2018, 4, eaat5218.	4.7	134
85	Radical Trifluoromethoxylation of Arenes Triggered by a Visible-Light-Mediated N-O Bond Redox Fragmentation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13784-13789.	7.2	124
86	The Making and Breaking of a Substrate Trap. <i>Biophysical Journal</i> , 2017, 112, 1-2.	0.2	14
87	Model-free extraction of spin label position distributions from pseudocontact shift data. <i>Chemical Science</i> , 2017, 8, 2751-2757.	3.7	26
88	Solid-State NMR and EPR Spectroscopy of Mn <sup>2+</sup> -Substituted ATP-Fueled Protein Engines. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3369-3373.	7.2	49
89	Tailored Polarizing Hybrid Solids with Nitroxide Radicals Localized in Mesostructured Silica Walls. <i>Helvetica Chimica Acta</i> , 2017, 100, e1700101.	1.0	24
90	Computing distance distributions from dipolar evolution data with overtones: RIDME spectroscopy with Gd(III)-based spin labels. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 17856-17876.	1.3	36

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91	Reliable nanometre-range distance distributions from 5-pulse double electron electron resonance. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 15754-15765.	1.3	16
92	Artefact suppression in 5-pulse double electron electron resonance for distance distribution measurements. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 15766-15779.	1.3	31
93	Dark Photocatalysis: Storage of Solar Energy in Carbon Nitride for Time-Dependent Hydrogen Generation. <i>Angewandte Chemie</i> , 2017, 129, 525-529.	1.6	54
94	Dark Photocatalysis: Storage of Solar Energy in Carbon Nitride for Time-Dependent Hydrogen Generation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 510-514.	7.2	204
95	Solution structure of discoidal high-density lipoprotein particles with a shortened apolipoprotein A-I. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 187-193.	3.6	105
96	Double electron-electron resonance with multiple non-selective chirp refocusing. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 1039-1053.	1.3	20
97	High-Bandwidth Q-Band EPR Resonators. <i>Applied Magnetic Resonance</i> , 2017, 48, 1273-1300.	0.6	17
98	Spin labelling for integrative structure modelling: a case study of the polypyrimidine-tract binding protein 1 domains in complexes with short RNAs. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 28360-28380.	1.3	27
99	Highly Efficient UV Protection of the Biomaterial Wood by A Transparent TiO <sub>2</sub> /Ce Xerogel. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 39040-39047.	4.0	48
100	Formation and decay of radicals during Vacuum-UV irradiation of poly(dimethylsiloxane). <i>Polymer Degradation and Stability</i> , 2017, 144, 497-507.	2.7	3
101	Orthogonal Tyrosine and Cysteine Site-Directed Spin Labeling for Dipolar Pulse EPR Spectroscopy on Proteins. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4852-4857.	2.1	26
102	Single Crystal Electron Paramagnetic Resonance of Dimethylammonium and Ammonium Hybrid Formate Frameworks: Influence of External Electric Field. <i>Journal of Physical Chemistry C</i> , 2017, 121, 16533-16540.	1.5	24
103	Wideband frequency-swept excitation in pulsed EPR spectroscopy. <i>Journal of Magnetic Resonance</i> , 2017, 280, 46-62.	1.2	55
104	Pulsed triple electron resonance (TRIER) for dipolar correlation spectroscopy. <i>Journal of Magnetic Resonance</i> , 2017, 282, 119-128.	1.2	18
105	Festkörperlaser-NMR- und EPR-Spektroskopie an Mn <sup>2+</sup> -substituierten ATP-angetriebenen Proteinmaschinen. <i>Angewandte Chemie</i> , 2017, 129, 3418-3422.	1.6	5
106	Pulse EPR and ENDOR Study of Manganese Doped [(CH <sub>3</sub> ) <sub>2</sub> NH <sub>2</sub> ] <sub>2</sub> [Zn(HCOO) <sub>3</sub> ] Hybrid Perovskite Framework. <i>Journal of Physical Chemistry C</i> , 2017, 121, 27225-27232.	1.5	20
107	Role of the nucleotidyl cyclase helical domain in catalytically active dimer formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9821-E9828.	3.3	35
108	Local Structures and Heterogeneity of Silica-Supported M(III) Sites Evidenced by EPR, IR, NMR, and Luminescence Spectroscopies. <i>Journal of the American Chemical Society</i> , 2017, 139, 8855-8867.	6.6	58

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109	Copper is a Cofactor of the Formylglycine-Generating Enzyme. <i>ChemBioChem</i> , 2017, 18, 161-165.	1.3	45
110	Dendritic polarizing agents for DNP SENS. <i>Chemical Science</i> , 2017, 8, 416-422.	3.7	35
111	Exploring the Strength of the H-Bond in Synthetic Models for Heme Proteins: The Importance of the N <sup>3</sup> H Acidity of the Distal Base. <i>Chemistry - A European Journal</i> , 2016, 22, 10194-10202.	1.7	9
112	Glu-311 in External Loop 4 of the Sodium/Proline Transporter PutP Is Crucial for External Gate Closure. <i>Journal of Biological Chemistry</i> , 2016, 291, 4998-5008.	1.6	9
113	Chiral recognition in amyloid fiber growth. <i>Journal of Peptide Science</i> , 2016, 22, 290-304.	0.8	25
114	Cover Image, Volume 84, Issue 4. <i>Proteins: Structure, Function and Bioinformatics</i> , 2016, 84, C1-C1.	1.5	0
115	Ensemble models of proteins and protein domains based on distance distribution restraints. <i>Proteins: Structure, Function and Bioinformatics</i> , 2016, 84, 544-560.	1.5	31
116	Level crossing analysis of chemically induced dynamic nuclear polarization: Towards a common description of liquid-state and solid-state cases. <i>Journal of Chemical Physics</i> , 2016, 144, 144202.	1.2	35
117	Water accessibility in a membrane-inserting peptide comparing Overhauser DNP and pulse EPR methods. <i>Journal of Chemical Physics</i> , 2016, 144, 194201.	1.2	20
118	Nuclear hyperpolarization comes of age. <i>Journal of Magnetic Resonance</i> , 2016, 264, 1-2.	1.2	17
119	Laser-Induced Magnetic Dipole Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 2204-2209.	2.1	45
120	Transverse interference peaks in chirp FT-EPR correlated three-pulse ESEEM spectra. <i>Journal of Magnetic Resonance</i> , 2016, 272, 37-45.	1.2	12
121	Averaging of nuclear modulation artefacts in RIDME experiments. <i>Journal of Magnetic Resonance</i> , 2016, 272, 108-113.	1.2	27
122	Complementary-addressed site-directed spin labeling of long natural RNAs. <i>Nucleic Acids Research</i> , 2016, 44, 7935-7943.	6.5	38
123	Interaction of triarylmethyl radicals with DNA termini revealed by orientation-selective W-band double electron-electron resonance spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 29549-29554.	1.3	24
124	The Influence of Zeolites on Radical Formation During Lignin Pyrolysis. <i>ChemSusChem</i> , 2016, 9, 2397-2403.	3.6	21
125	EPR characterization of Mn(II) complexes for distance determination with pulsed dipolar spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 25120-25135.	1.3	40
126	EPR-correlated dipolar spectroscopy by Q-band chirp SIFTER. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 23111-23120.	1.3	32



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127	Design and Synthesis of Aviram-Ratner Type Dyads and Rectification Studies in Langmuir-Blodgett (LB) Films. <i>Chemistry - A European Journal</i> , 2016, 22, 10539-10547.	1.7	26
128	CIDME: Short distances measured with long chirp pulses. <i>Journal of Magnetic Resonance</i> , 2016, 273, 73-82.	1.2	25
129	Early folding events during light harvesting complex II assembly in vitro monitored by pulsed electron paramagnetic resonance. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 695-704.	0.5	6
130	Comment on "Quantum trajectory tests of radical-pair quantum dynamics in CIDNP measurements of photosynthetic reaction centers" [Chem. Phys. Lett. 640 (2015) 40-45]. <i>Chemical Physics Letters</i> , 2016, 648, 200-203.	1.2	4
131	Pushing the size limit of de novo structure ensemble prediction guided by sparse SDSL-EPR restraints to 200 residues: The monomeric and homodimeric forms of BAX. <i>Journal of Structural Biology</i> , 2016, 195, 62-71.	1.3	14
132	Radical exchange reaction of multi-spin isoindoline nitroxides followed by EPR spectroscopy. <i>RSC Advances</i> , 2016, 6, 55715-55719.	1.7	19
133	SPIDYAN, a MATLAB library for simulating pulse EPR experiments with arbitrary waveform excitation. <i>Journal of Magnetic Resonance</i> , 2016, 263, 45-54.	1.2	14
134	Rational design of dinitroxide biradicals for efficient cross-effect dynamic nuclear polarization. <i>Chemical Science</i> , 2016, 7, 550-558.	3.7	141
135	Gd(III)-Gd(III) distance measurements with chirp pump pulses. <i>Journal of Magnetic Resonance</i> , 2015, 259, 153-162.	1.2	89
136	A Low-Valent Iron Imido Heterocubane Cluster: Reversible Electron Transfer and Catalysis of Selective C-C Couplings. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13012-13017.	7.2	10
137	Shape Persistence of Polyproline-II Helical Oligoprolines. <i>Chemistry - A European Journal</i> , 2015, 21, 10747-10753.	1.7	25
138	Multi-frequency (S, X, Q and W-band) EPR and ENDOR Study of Vanadium(IV) Incorporation in the Aluminium Metal-Organic Framework MIL-53. <i>ChemPhysChem</i> , 2015, 16, 2968-2973.	1.0	18
139	Coherence Transfer by Passage Pulses in Electron Paramagnetic Resonance Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2015, 119, 13570-13582.	1.2	37
140	EPR on Biomolecules. , 2015, , .		0
141	Combination of X-ray crystallography, SAXS and DEER to obtain the structure of the FnIII-3,4 domains of integrin $\alpha 6 \beta 2$ . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 969-985.	2.5	38
142	Distance Measurement on an Endogenous Membrane Transporter in <i>E. coli</i> Cells and Native Membranes Using EPR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6196-6199.	7.2	89
143	Sensitivity enhancement by population transfer in Gd(III) spin labels. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 7334-7344.	1.3	54
144	Combining NMR and EPR to Determine Structures of Large RNAs and Protein-RNA Complexes in Solution. <i>Methods in Enzymology</i> , 2015, 558, 279-331.	0.4	37

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145	Changes in the Microenvironment of Nitroxide Radicals around the Glass Transition Temperature. <i>Journal of Physical Chemistry B</i> , 2015, 119, 13797-13806.	1.2	17
146	Copper ESEEM and HYSCORE through ultra-wideband chirp EPR spectroscopy. <i>Journal of Chemical Physics</i> , 2015, 143, 044201.	1.2	30
147	Modeling of the N-terminal Section and the Luminal Loop of Trimeric Light Harvesting Complex II (LHCII) by Using EPR. <i>Journal of Biological Chemistry</i> , 2015, 290, 26007-26020.	1.6	18
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149	EPR-aided approach for solution structure determination of large RNAs or protein-RNA complexes. <i>Nature Communications</i> , 2014, 5, 3669.	5.8	96
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