

Olivier Ouari

List of Publications by Citations

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121
papers

5,863
citations

44
h-index

73
g-index

128
ext. papers

6,774
ext. citations

8
avg, IF

5.48
L-index

#	Paper	IF	Citations
121	Mitochondria-Targeted Triphenylphosphonium-Based Compounds: Syntheses, Mechanisms of Action, and Therapeutic and Diagnostic Applications. <i>Chemical Reviews</i> , 2017 , 117, 10043-10120	68.1	654
120	Highly efficient, water-soluble polarizing agents for dynamic nuclear polarization at high frequency. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 10858-61	16.4	328
119	Large molecular weight nitroxide biradicals providing efficient dynamic nuclear polarization at temperatures up to 200 K. <i>Journal of the American Chemical Society</i> , 2013 , 135, 12790-7	16.4	284
118	Dynamic nuclear polarization with a rigid biradical. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 4996-5000	16.4	230
117	A slowly relaxing rigid biradical for efficient dynamic nuclear polarization surface-enhanced NMR spectroscopy: expeditious characterization of functional group manipulation in hybrid materials. <i>Journal of the American Chemical Society</i> , 2012 , 134, 2284-91	16.4	169
116	Dynamic nuclear polarization enhanced solid-state NMR spectroscopy of functionalized metal-organic frameworks. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 123-7	16.4	145
115	Global profiling of reactive oxygen and nitrogen species in biological systems: high-throughput real-time analyses. <i>Journal of Biological Chemistry</i> , 2012 , 287, 2984-95	5.4	132
114	Non-aqueous solvents for DNP surface enhanced NMR spectroscopy. <i>Chemical Communications</i> , 2012 , 48, 654-6	5.8	129
113	Synthesis and properties of water-soluble gold colloids covalently derivatized with neutral polymer monolayers. <i>Journal of the American Chemical Society</i> , 2002 , 124, 5811-21	16.4	122
112	Mitochondria-Targeted Analogues of Metformin Exhibit Enhanced Antiproliferative and Radiosensitizing Effects in Pancreatic Cancer Cells. <i>Cancer Research</i> , 2016 , 76, 3904-15	10.1	120
111	Rational design of dinitroxide biradicals for efficient cross-effect dynamic nuclear polarization. <i>Chemical Science</i> , 2016 , 7, 550-558	9.4	117
110	A review of the basics of mitochondrial bioenergetics, metabolism, and related signaling pathways in cancer cells: Therapeutic targeting of tumor mitochondria with lipophilic cationic compounds. <i>Redox Biology</i> , 2018 , 14, 316-327	11.3	116
109	Teaching the basics of reactive oxygen species and their relevance to cancer biology: Mitochondrial reactive oxygen species detection, redox signaling, and targeted therapies. <i>Redox Biology</i> , 2018 , 15, 347-362	11.3	111
108	Amplifying dynamic nuclear polarization of frozen solutions by incorporating dielectric particles. <i>Journal of the American Chemical Society</i> , 2014 , 136, 15711-8	16.4	85
107	Cytochrome c-mediated oxidation of hydroethidine and mito-hydroethidine in mitochondria: identification of homo- and heterodimers. <i>Free Radical Biology and Medicine</i> , 2008 , 44, 835-46	7.8	83
106	NMR-based structural biology enhanced by dynamic nuclear polarization at high magnetic field. <i>Journal of Biomolecular NMR</i> , 2014 , 60, 157-68	3	82
105	Targeting lonidamine to mitochondria mitigates lung tumorigenesis and brain metastasis. <i>Nature Communications</i> , 2019 , 10, 2205	17.4	81

104	Scavenging free radicals to preserve enhancement and extend relaxation times in NMR using dynamic nuclear polarization. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 6182-5	16.4	80
103	Solid-state NMR spectroscopy of oriented membrane polypeptides at 100 K with signal enhancement by dynamic nuclear polarization. <i>Journal of the American Chemical Society</i> , 2010 , 132, 5940-1	16.4	72
102	Comprehensive Synthesis of Monohydroxy-Cucurbit[n]urils (n = 5, 6, 7, 8): High Purity and High Conversions. <i>Journal of the American Chemical Society</i> , 2015 , 137, 10238-45	16.4	71
101	Solid-State Dynamic Nuclear Polarization at 9.4 and 18.8 T from 100 K to Room Temperature. <i>Journal of the American Chemical Society</i> , 2015 , 137, 14558-61	16.4	70
100	Polymeric PARACEST agents for enhancing MRI contrast sensitivity. <i>Journal of the American Chemical Society</i> , 2008 , 130, 13854-5	16.4	67
99	Rigid orthogonal bis-TEMPO biradicals with improved solubility for dynamic nuclear polarization. <i>Journal of Organic Chemistry</i> , 2012 , 77, 1789-97	4.2	66
98	Detection of superoxide production in stimulated and unstimulated living cells using new cyclic nitron spin traps. <i>Free Radical Biology and Medicine</i> , 2014 , 71, 281-290	7.8	65
97	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	16.4	64
96	The Antioxidant Additive Approach for Alzheimer's Disease Therapy: New Ferulic (Lipoic) Acid Plus Melatonin Modified Tacrines as Cholinesterases Inhibitors, Direct Antioxidants, and Nuclear Factor (Erythroid-Derived 2)-Like 2 Activators. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 9967-9973	8.3	63
95	Highly Efficient, Water-Soluble Polarizing Agents for Dynamic Nuclear Polarization at High Frequency. <i>Angewandte Chemie</i> , 2013 , 125, 11058-11061	3.6	63
94	Synthesis of a Hemicyanine Dye Bearing Two Carboxylic Groups and Its Use as a Photosensitizer in Dye-Sensitized Photoelectrochemical Cells. <i>Chemistry of Materials</i> , 2001 , 13, 3888-3892	9.6	62
93	Visualizing Specific Cross-Protomer Interactions in the Homo-Oligomeric Membrane Protein Proteorhodopsin by Dynamic-Nuclear-Polarization-Enhanced Solid-State NMR. <i>Journal of the American Chemical Society</i> , 2015 , 137, 9032-43	16.4	60
92	Automated transfer and injection of hyperpolarized molecules with polarization measurement prior to in vivo NMR. <i>NMR in Biomedicine</i> , 2013 , 26, 1582-8	4.4	59
91	Biomolecular DNP-Supported NMR Spectroscopy using Site-Directed Spin Labeling. <i>Chemistry - A European Journal</i> , 2015 , 21, 12971-7	4.8	59
90	Probing cucurbituril assemblies in water with TEMPO-like nitroxides: a trinitroxide supraradical with spin-spin interactions. <i>Journal of the American Chemical Society</i> , 2009 , 131, 5402-4	16.4	58
89	Tailoring of Polarizing Agents in the bTurea Series for Cross-Effect Dynamic Nuclear Polarization in Aqueous Media. <i>Chemistry - A European Journal</i> , 2016 , 22, 5598-606	4.8	58
88	Detection and Characterization of Reactive Oxygen and Nitrogen Species in Biological Systems by Monitoring Species-Specific Products. <i>Antioxidants and Redox Signaling</i> , 2018 , 28, 1416-1432	8.4	56
87	A well-defined Pd hybrid material for the Z-selective semihydrogenation of alkynes characterized at the molecular level by DNP SENS. <i>Chemistry - A European Journal</i> , 2013 , 19, 12234-8	4.8	55

86	Properties of dinitroxides for use in dynamic nuclear polarization (DNP). <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 5841-5	3.6	55
85	Detection of mitochondria-generated reactive oxygen species in cells using multiple probes and methods: Potentials, pitfalls, and the future. <i>Journal of Biological Chemistry</i> , 2018 , 293, 10363-10380	5.4	53
84	Antiproliferative effects of mitochondria-targeted cationic antioxidants and analogs: Role of mitochondrial bioenergetics and energy-sensing mechanism. <i>Cancer Letters</i> , 2015 , 365, 96-106	9.9	52
83	Dynamic Nuclear Polarization with a Rigid Biradical. <i>Angewandte Chemie</i> , 2009 , 121, 5096-5100	3.6	46
82	Mitigation of NADPH Oxidase 2 Activity as a Strategy to Inhibit Peroxynitrite Formation. <i>Journal of Biological Chemistry</i> , 2016 , 291, 7029-44	5.4	46
81	Solid-phase polarization matrixes for dynamic nuclear polarization from homogeneously distributed radicals in mesostructured hybrid silica materials. <i>Journal of the American Chemical Society</i> , 2013 , 135, 15459-66	16.4	45
80	Improved Structural Elucidation of Synthetic Polymers by Dynamic Nuclear Polarization Solid-State NMR Spectroscopy. <i>ACS Macro Letters</i> , 2013 , 2, 715-719	6.6	45
79	Mito-DEPMPO synthesized from a novel NH ₂ -reactive DEPMPO spin trap: a new and improved trap for the detection of superoxide. <i>Chemical Communications</i> , 2007 , 1083-5	5.8	45
78	Toward selective detection of reactive oxygen and nitrogen species with the use of fluorogenic probes--Limitations, progress, and perspectives. <i>Pharmacological Reports</i> , 2015 , 67, 756-64	3.9	44
77	Nitroxide Radicals: Properties, Synthesis and Applications 2010 , 173-229		43
76	Optimizing Sample Preparation Methods for Dynamic Nuclear Polarization Solid-state NMR of Synthetic Polymers. <i>Macromolecules</i> , 2014 , 47, 3909-3916	5.5	38
75	Dynamic Nuclear Polarization Enhanced Solid-State NMR Spectroscopy of Functionalized Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 2012 , 124, 127-131	3.6	37
74	Dynamic Nuclear Polarization Efficiency Increased by Very Fast Magic Angle Spinning. <i>Journal of the American Chemical Society</i> , 2017 , 139, 10609-10612	16.4	37
73	Dynamic Nuclear Polarization-Enhanced Biomolecular NMR Spectroscopy at High Magnetic Field with Fast Magic-Angle Spinning. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7458-7462	16.4	36
72	TinyPols: a family of water-soluble binitroxides tailored for dynamic nuclear polarization enhanced NMR spectroscopy at 18.8 and 21.1 T. <i>Chemical Science</i> , 2020 , 11, 2810-2818	9.4	36
71	Improving the trapping of superoxide radical with a beta-cyclodextrin-5-diethoxyphosphoryl-5-methyl-1-pyrroline-N-oxide (DEPMPO) conjugate. <i>Chemistry - A European Journal</i> , 2009 , 15, 11114-8	4.8	35
70	Host-guest complexes as water-soluble high-performance DNP polarizing agents. <i>Journal of the American Chemical Society</i> , 2013 , 135, 19275-81	16.4	34
69	Dinitroxides for Solid State Dynamic Nuclear Polarization. <i>Applied Magnetic Resonance</i> , 2012 , 43, 251-261	1.8	34

68	Silica-surface reorganization during organotin grafting evidenced by ^{119}Sn DNP SENS: a tandem reaction of gem-silanols and strained siloxane bridges. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 17822-7	3.6	33
67	Synthesis and preliminary biological evaluations of ionic and nonionic amphiphilic alpha-phenyl-N-tert-butyl nitron derivatives. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 5230-7	8.3	32
66	Membrane topologies of the PGLa antimicrobial peptide and a transmembrane anchor sequence by Dynamic Nuclear Polarization/solid-state NMR spectroscopy. <i>Scientific Reports</i> , 2016 , 6, 20895	4.9	31
65	Dynamic Nuclear Polarization Enhancement of ^{200}Tl at 21.15 T Enabled by 65 kHz Magic Angle Spinning. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 8386-8391	6.4	30
64	Metabolic stability of superoxide adducts derived from newly developed cyclic nitron spin traps. <i>Free Radical Biology and Medicine</i> , 2014 , 67, 150-8	7.8	29
63	EPR Characterization of a Rigid Bis-TEMPO Bis-Ketal for Dynamic Nuclear Polarization. <i>Applied Magnetic Resonance</i> , 2010 , 37, 505-514	0.8	29
62	Synthesis of a Glycolipidic Amphiphilic Nitron as a New Spin Trap. <i>Journal of Organic Chemistry</i> , 1999 , 64, 3554-3556	4.2	29
61	Dendritic polarizing agents for DNP SENS. <i>Chemical Science</i> , 2017 , 8, 416-422	9.4	27
60	Mitochondria-targeted spin traps: synthesis, superoxide spin trapping, and mitochondrial uptake. <i>Chemical Research in Toxicology</i> , 2014 , 27, 1155-65	4	25
59	Spin exchange monitoring of the strong positive homotropic allosteric binding of a tetradical by a synthetic receptor in water. <i>Journal of the American Chemical Society</i> , 2014 , 136, 17570-7	16.4	25
58	Synthesis and spin-trapping behavior of 5-ChEPMPPO, a cholesteryl ester analogue of the spin trap DEPMPO. <i>Journal of Organic Chemistry</i> , 2005 , 70, 10426-33	4.2	25
57	Dynamic Nuclear Polarization/Solid-State NMR Spectroscopy of Membrane Polypeptides: Free-Radical Optimization for Matrix-Free Lipid Bilayer Samples. <i>ChemPhysChem</i> , 2017 , 18, 2103-2113	3.2	22
56	Hydrophobic radicals embedded in neutral surfactants for dynamic nuclear polarization of aqueous environments at 9.4 Tesla. <i>Chemical Communications</i> , 2014 , 50, 10198-201	5.8	22
55	The ABC exporter MsbA probed by solid state NMR [challenges and opportunities. <i>Biological Chemistry</i> , 2015 , 396, 1135-49	4.5	21
54	Solid-State NMR/Dynamic Nuclear Polarization of Polypeptides in Planar Supported Lipid Bilayers. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 14574-83	3.4	20
53	Efficient Hyperpolarization of U- ^{13}C -Glucose Using Narrow-Line UV-Generated Labile Free Radicals. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 1334-1339	16.4	20
52	Observing Apparent Nonuniform Sensitivity Enhancements in Dynamic Nuclear Polarization Solid-State NMR Spectra of Polymers. <i>ACS Macro Letters</i> , 2014 , 3, 922-925	6.6	19
51	Developing DNP/Solid-State NMR Spectroscopy of Oriented Membranes. <i>Applied Magnetic Resonance</i> , 2012 , 43, 91-106	0.8	19

50	Synthesis and spin-trapping behaviour of glycosylated nitrones. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1998 , 2299-2308		19
49	Frozen Acrylamide Gels as Dynamic Nuclear Polarization Matrices. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8726-8730	16.4	18
48	Metal Actuated Ring Translocation Switches in Water. <i>Organic Letters</i> , 2018 , 20, 3187-3191	6.2	18
47	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	16.4	18
46	Mitochondria-targeted metformins: anti-tumour and redox signalling mechanisms. <i>Interface Focus</i> , 2017 , 7, 20160109	3.9	17
45	Design of new derivatives of nitron DEPMPO functionalized at C-4 for further specific applications in superoxide radical detection. <i>Journal of Organic Chemistry</i> , 2007 , 72, 7886-92	4.2	17
44	Modified Metformin as a More Potent Anticancer Drug: Mitochondrial Inhibition, Redox Signaling, Antiproliferative Effects and Future EPR Studies. <i>Cell Biochemistry and Biophysics</i> , 2017 , 75, 311-317	3.2	16
43	Up to 100% Improvement in Dynamic Nuclear Polarization Solid-State NMR Sensitivity Enhancement of Polymers by Removing Oxygen. <i>Macromolecular Rapid Communications</i> , 2015 , 36, 1416-1421	4.8	16
42	Synthesis of the cis diastereoisomer of 5-diethoxyphosphoryl-5-methyl-3-phenyl-1-pyrroline N-oxide (DEPMPPOc) and ESR study of its superoxide spin adduct. <i>Tetrahedron Letters</i> , 2004 , 45, 6385-6389	6.3	16
41	Triangular Regulation of Cucurbit[8]uril 1:1 Complexes. <i>Journal of the American Chemical Society</i> , 2019 , 141, 5897-5907	16.4	16
40	Recent Developments in the Probes and Assays for Measurement of the Activity of NADPH Oxidases. <i>Cell Biochemistry and Biophysics</i> , 2017 , 75, 335-349	3.2	15
39	A single-crystal-to-single-crystal transformation affording photochromic 3D MORF crystals. <i>Chemical Communications</i> , 2019 , 55, 13824-13827	5.8	15
38	Effects of cucurbit[n]uril (n = 7, 8, 10) hosts on the formation and stabilization of a naphthalenediimide (NDI) radical anion. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 3809-3815	3.9	14
37	Chameleonic Dye Adapts to Various Environments Shining on Macrocycles or Peptide and Polysaccharide Aggregates. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 33220-33228	9.5	14
36	A pH-driven ring translocation switch against cancer cells. <i>Chemical Communications</i> , 2018 , 54, 13825-13828	3.8	14
35	Photogenerated Radical in Phenylglyoxylic Acid for in Vivo Hyperpolarized C MR with Photosensitive Metabolic Substrates. <i>Journal of the American Chemical Society</i> , 2018 , 140, 14455-14463	16.4	14
34	F Magic Angle Spinning Dynamic Nuclear Polarization Enhanced NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 7249-7253	16.4	13
33	Scavenging Free Radicals To Preserve Enhancement and Extend Relaxation Times in NMR using Dynamic Nuclear Polarization. <i>Angewandte Chemie</i> , 2010 , 122, 6318-6321	3.6	13

32	ESR study of spin-trapping with two glycosylated analogues of PBN able to target cell membrane lectins. <i>Organic and Biomolecular Chemistry</i> , 2004 , 2, 927-34	3.9	13
31	Hosting Various Guests Including Fullerenes and Free Radicals in Versatile Organic Paramagnetic bTbk Open Frameworks. <i>Crystal Growth and Design</i> , 2014 , 14, 467-476	3.5	12
30	Nitroxide Radicals with Cucurbit[n]urils and Other Cavitands. <i>Israel Journal of Chemistry</i> , 2018 , 58, 343-356	3.5	11
29	Synthesis and spin-trapping properties of a trifluoromethyl analogue of DMPO: 5-methyl-5-trifluoromethyl-1-pyrroline N-oxide (5-TFDMPO). <i>Chemistry - A European Journal</i> , 2014 , 20, 4064-71	4.8	11
28	EPR Studies of the Binding Properties, Guest Dynamics, and Inner-Space Dimensions of a Water-Soluble Resorcinarene Capsule. <i>Chemistry - A European Journal</i> , 2015 , 21, 16404-10	4.8	11
27	Embedding cyclic nitron in mesoporous silica particles for EPR spin trapping of superoxide and other radicals. <i>Analyst, The</i> , 2019 , 144, 4194-4203	5	10
26	A Cucurbit[8]uril 2:2 Complex with a Negative pK Shift. <i>Chemistry - A European Journal</i> , 2019 , 25, 12552-12559	4.5	10
25	Perturbation induced formation of a 3D-network of microcrystals producing soft materials. <i>RSC Advances</i> , 2012 , 2, 5605	3.7	10
24	Organic multishell isostructural host-guest crystals: fullerenes C(60) inside a nitroxide open framework. <i>Chemical Communications</i> , 2013 , 49, 3519-21	5.8	10
23	Enhanced Intersystem Crossing and Transient Electron Spin Polarization in a Photoexcited Pentacene-Trityl Radical. <i>Journal of Physical Chemistry A</i> , 2020 , 124, 6068-6075	2.8	9
22	Recent developments and applications of the coupled EPR/Spin trapping technique (EPR/ST). <i>Electron Paramagnetic Resonance</i> , 1-40	1	9
21	Synergistic inhibition of tumor cell proliferation by metformin and mito-metformin in the presence of iron chelators. <i>Oncotarget</i> , 2019 , 10, 3518-3532	3.3	8
20	Reactive hydrogels grafted on gold surfaces. <i>Macromolecular Symposia</i> , 2001 , 164, 323-340	0.8	7
19	Dynamic Nuclear Polarization / solid-state NMR of membranes. Thermal effects and sample geometry. <i>Solid State Nuclear Magnetic Resonance</i> , 2019 , 100, 70-76	3.1	6
18	Dynamic Nuclear Polarization-Enhanced Biomolecular NMR Spectroscopy at High Magnetic Field with Fast Magic-Angle Spinning. <i>Angewandte Chemie</i> , 2018 , 130, 7580-7584	3.6	6
17	Guest Exchange by a Partial Energy Ratchet in Water. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 6617-6623	16.4	6
16	H detection and dynamic nuclear polarization-enhanced NMR of Aβ fibrils.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119,	11.5	6
15	Synthesis and properties of a series of β-cyclodextrin/nitron spin traps for improved superoxide detection. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 6358-6366	3.9	5

14	Structural Analysis of an Antigen Chemically Coupled on Virus-Like Particles in Vaccine Formulation. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 12847-12851	16.4	5
13	Oxidation of ethidium-based probes by biological radicals: mechanism, kinetics and implications for the detection of superoxide. <i>Scientific Reports</i> , 2020 , 10, 18626	4.9	4
12	EPR Spectroscopy: A Powerful Tool to Analyze Supramolecular Host-Guest Complexes of Stable Radicals with Cucurbiturils. <i>Molecules</i> , 2020 , 25,	4.8	4
11	Triple Stack of a Viologen Derivative in a CB[10] Pair. <i>Organic Letters</i> , 2021 , 23, 5283-5287	6.2	3
10	Metabolic contrast agents produced from transported solid ¹³ C-glucose hyperpolarized via dynamic nuclear polarization. <i>Communications Chemistry</i> , 2021 , 4,	6.3	3
9	Guest Exchange by a Partial Energy Ratchet in Water. <i>Angewandte Chemie</i> , 2021 , 133, 6691-6697	3.6	3
8	Efficient Hyperpolarization of U- ¹³ C-Glucose Using Narrow-Line UV-Generated Labile Free Radicals. <i>Angewandte Chemie</i> , 2019 , 131, 1348-1353	3.6	2
7	¹⁹ F Magic Angle Spinning Dynamic Nuclear Polarization Enhanced NMR Spectroscopy. <i>Angewandte Chemie</i> , 2019 , 131, 7327-7331	3.6	1
6	Dinitroxide biradical crystals with polar order. <i>Canadian Journal of Chemistry</i> , 2015 , 93, 920-924	0.9	1
5	Röntgenbild: Highly Efficient, Water-Soluble Polarizing Agents for Dynamic Nuclear Polarization at High Frequency (Angew. Chem. 41/2013). <i>Angewandte Chemie</i> , 2013 , 125, 11112-11112	3.6	1
4	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	3.4	1
3	Frozen Acrylamide Gels as Dynamic Nuclear Polarization Matrices. <i>Angewandte Chemie</i> , 2017 , 129, 8852-8856	3.6	0
2	Alkylperoxyl spin adducts of pyrroline-N-oxide spin traps: Experimental and theoretical CASSCF study of the unimolecular decomposition in organic solvent, potential applications in water. <i>Journal of Physical Organic Chemistry</i> , 2017 , 30, e3677	2.1	
1	Struktur eines an virusähnliche Partikel gekoppelten Antigens: Analyse einer Impfstoff-Formulierung. <i>Angewandte Chemie</i> , 2021 , 133, 12957-12961	3.6	