

# Adelheid Godt

## List of Publications by Year in descending order

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105  
papers

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citations

108046

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110  
docs citations

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times ranked

7355  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | How accurately defined are the overtone coefficients in the Gd(III)-Gd(III) RIDME?. Journal of Magnetic Resonance, 2022, 339, 107217.   | 1.2 | 1         |
| 2  | A sensitivity leap for X-band EPR using a probehead with a cryogenic preamplifier. Journal of Magnetic Resonance, 2021, 322, 106876.  | 1.2 | 19        |
| 3  | Dynamical decoupling in water-glycerol glasses: a comparison of nitroxides, trityl radicals and gadolinium complexes. Physical Chemistry Chemical Physics, 2021, 23, 5352-5369.                                 | 1.3 | 10        |
| 4  | Strategies to identify and suppress crosstalk signals in double electron-electron resonance (DEER) experiments with gadolinium(III) and nitroxide spin-labeled compounds. Magnetic Resonance, 2020, 1, 285-299. | 0.8 | 5         |
| 5  | High-sensitivity Gd(III)-Gd(III) EPR distance measurements that eliminate artefacts seen at short distances. Magnetic Resonance, 2020, 1, 301-313.  | 0.8 | 8         |
| 6  | Distance measurement between trityl radicals by pulse dressed electron paramagnetic resonance with phase modulation. Magnetic Resonance, 2020, 1, 75-87.  | 0.8 | 8         |
| 7  | UWB DEER and RIDME distance measurements in Cu(II)-Cu(II) spin pairs. Journal of Magnetic Resonance, 2019, 308, 106560.   | 1.2 | 34        |
| 8  | Improving the accuracy of Cu(II)-nitroxide RIDME in the presence of orientation correlation in water-soluble Cu(II)-nitroxide rulers. Physical Chemistry Chemical Physics, 2019, 21, 9810-9830.                 | 1.3 | 38        |
| 9  | Linear and Kinked Oligo(phenyleneethynylene)s as Ideal Molecular Calibrants for Förster Resonance Energy Transfer. Journal of Physical Chemistry Letters, 2019, 10, 6942-6947.                                  | 2.1 | 9         |
| 10 | Pulsed EPR Methods to Study Biomolecular Interactions. Chimia, 2019, 73, 268.   | 0.3 | 5         |
| 11 | Intermolecular background decay in RIDME experiments. Physical Chemistry Chemical Physics, 2019, 21, 8228-8245.   | 1.3 | 33        |
| 12 | Gd(III)-Gd(III) Relaxation-Induced Dipolar Modulation Enhancement for In-Cell Electron Paramagnetic Resonance Distance Determination. Journal of Physical Chemistry Letters, 2019, 10, 1477-1481.               | 2.1 | 25        |
| 13 | A Chemiluminescent Metal-Organic Framework. Chemistry - A European Journal, 2019, 25, 6349-6354.  | 1.7 | 27        |
| 14 | Trityl Radicals with a Combination of the Orthogonal Functional Groups Ethyne and Carboxyl: Synthesis without a Statistical Step and EPR Characterization. Journal of Organic Chemistry, 2019, 84, 3304-3320.   | 1.7 | 20        |
| 15 | Fatty Acid Triangulation in Albumins Using a Landmark Spin Label. Israel Journal of Chemistry, 2019, 59, 1059-1074.   | 1.0 | 3         |
| 16 | Postsynthetic Modification of Metal-Organic Frameworks through Nitrile Oxide-Alkyne Cycloaddition. Inorganic Chemistry, 2018, 57, 3348-3359.  | 1.9 | 23        |
| 17 | Quantitative analysis of zero-field splitting parameter distributions in Gd(III) complexes. Physical Chemistry Chemical Physics, 2018, 20, 10470-10492.   | 1.3 | 42        |
| 18 | On-Surface Synthesis of Highly Oriented Thin Metal-Organic Framework Films through Vapor-Assisted Conversion. Journal of the American Chemical Society, 2018, 140, 4812-4819.                                   | 6.6 | 144       |

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|----|---|-----|-----------|
| 19 | 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        |
| 20 | Physical state of 2-methylbutane-1,2,3,4-tetraol in pure and internally mixed aerosols. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 15841-15857.   | 1.9 | 12        |
| 21 | 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         |
| 22 | Gd <sup>3+</sup> distances exceeding 3 nm determined by very high frequency continuous wave electron paramagnetic resonance. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 5127-5136.      | 1.3 | 23        |
| 23 | 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        |
| 24 | Bis-Gadolinium Complexes for Solid Effect and Cross Effect Dynamic Nuclear Polarization. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4295-4299.                                    | 7.2 | 20        |
| 25 | Bis-Gadolinium Complexes for Solid Effect and Cross Effect Dynamic Nuclear Polarization. <i>Angewandte Chemie</i> , 2017, 129, 4359-4363.   | 1.6 | 0         |
| 26 | Expanding the Group of Porous Interpenetrated Zr-Organic Frameworks (PIZOFs) with Linkers of Different Lengths. <i>Inorganic Chemistry</i> , 2017, 56, 748-761.                                     | 1.9 | 53        |
| 27 | High-Bandwidth Q-Band EPR Resonators. <i>Applied Magnetic Resonance</i> , 2017, 48, 1273-1300.  | 0.6 | 17        |
| 28 | Pulsed triple electron resonance (TRIER) for dipolar correlation spectroscopy. <i>Journal of Magnetic Resonance</i> , 2017, 282, 119-128.   | 1.2 | 18        |
| 29 | Improved sensitivity for W-band Gd(III)-Gd(III) and nitroxide-nitroxide DEER measurements with shaped pulses. <i>Journal of Magnetic Resonance</i> , 2017, 283, 1-13.                               | 1.2 | 49        |
| 30 | Correction: Gd(III) EPR distance measurements – the range of accessible distances and the impact of zero field splitting. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 18614-18614.       | 1.3 | 0         |
| 31 | Averaging of nuclear modulation artefacts in RIDME experiments. <i>Journal of Magnetic Resonance</i> , 2016, 272, 108-113.  | 1.2 | 27        |
| 32 | Synthesis and Hydrolysis of 4-Chloro-PyMTA and 4-Iodo-PyMTA Esters and Their Oxidative Degradation with Cu(I/II) and Oxygen. <i>Synthesis</i> , 2016, 48, 3773-3784.                                | 1.2 | 10        |
| 33 | 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        |
| 34 | CIDME: Short distances measured with long chirp pulses. <i>Journal of Magnetic Resonance</i> , 2016, 273, 73-82.  | 1.2 | 25        |
| 35 | Gd(III) complexes as paramagnetic tags: Evaluation of the spin delocalization over the nuclei of the ligand. <i>Journal of Magnetic Resonance</i> , 2016, 263, 156-163.                             | 1.2 | 18        |
| 36 | Spacers for Geometrically Well-Defined Water-Soluble Molecular Rulers and Their Application. <i>Journal of Organic Chemistry</i> , 2016, 81, 2549-2571.   | 1.7 | 26        |

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|----|--|-----|-----------|
| 37 | Gd(III)â€“Gd(III) distance measurements with chirp pump pulses. Journal of Magnetic Resonance, 2015, 259, 153-162.   | 1.2 | 89        |
| 38 | Gd(III)â€“Gd(III) EPR distance measurements â€“ the range of accessible distances and the impact of zero field splitting. Physical Chemistry Chemical Physics, 2015, 17, 18464-18476.                        | 1.3 | 71        |
| 39 | Sensitivity enhancement by population transfer in Gd(III) spin labels. Physical Chemistry Chemical Physics, 2015, 17, 7334-7344.   | 1.3 | 54        |
| 40 | RIDME Spectroscopy with Gd(III) Centers. Journal of Physical Chemistry Letters, 2014, 5, 3970-3975.  | 2.1 | 76        |
| 41 | Gd(III)-PyMTA Label Is Suitable for In-Cell EPR. Journal of the American Chemical Society, 2014, 136, 15366-15378.   | 6.6 | 151       |
| 42 | Glass-Forming Properties of 3-Methylbutane-1,2,3-tricarboxylic Acid and Its Mixtures with Water and Pinonic Acid. Journal of Physical Chemistry A, 2014, 118, 7024-7033.                                     | 1.1 | 54        |
| 43 | Suppression of ghost distances in multiple-spin double electronâ€“electron resonance. Physical Chemistry Chemical Physics, 2013, 15, 5854.   | 1.3 | 84        |
| 44 | Highly oriented surface-growth and covalent dye labeling of mesoporous metalâ€“organic frameworks. Dalton Transactions, 2012, 41, 3899.  | 1.6 | 27        |
| 45 | A novel series of isorecticular metal organic frameworks: realizing metastable structures by liquid phase epitaxy. Scientific Reports, 2012, 2, 921.   | 1.6 | 183       |
| 46 | High sensitivity and versatility of the DEER experiment on nitroxide radical pairs at Q-band frequencies. Physical Chemistry Chemical Physics, 2012, 14, 10762.  | 1.3 | 173       |
| 47 | Postâ€“Synthetic Modification of Zrâ€“Metalâ€“Organic Frameworks through Cycloaddition Reactions. Chemistry - A European Journal, 2012, 18, 6979-6985.   | 1.7 | 53        |
| 48 | Modulated Synthesis of Zrâ€“Based Metalâ€“Organic Frameworks: From Nano to Single Crystals. Chemistry - A European Journal, 2011, 17, 6643-6651.   | 1.7 | 1,320     |
| 49 | Porous Interpenetrated Zirconiumâ€“Organic Frameworks (PIZOFs): A Chemically Versatile Family of Metalâ€“Organic Frameworks. Chemistry - A European Journal, 2011, 17, 9320-9325.                            | 1.7 | 170       |
| 50 | Polar tagging in the synthesis of monodisperse oligo(p-phenyleneethynylene)s and an update on the synthesis of oligoPPEs. Beilstein Journal of Organic Chemistry, 2010, 6, 57.                               | 1.3 | 12        |
| 51 | Flexibility of Shape-Persistent Molecular Building Blocks Composed of p-Phenylene and Ethynylene Units. Journal of the American Chemical Society, 2010, 132, 10107-10117.                                    | 6.6 | 110       |
| 52 | Conformationally Unambiguous Spin Labeling for Distance Measurements. Chemistry - A European Journal, 2009, 15, 12960-12962.   | 1.7 | 31        |
| 53 | One-dimensional Zn(II) oligo(phenyleneethynylene)dicarboxylate coordination polymers: Synthesis, crystal structures, thermal and photoluminescent properties. Inorganica Chimica Acta, 2009, 362, 3600-3606. | 1.2 | 15        |
| 54 | Synthesis of Monodisperse Oligo(1,4-phenyleneethynylene-alt-1,4-triptyceneethynylene)s. Journal of Organic Chemistry, 2009, 74, 7733-7742.   | 1.7 | 10        |

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|----|---|-----|-----------|
| 55 | Distribution of guest molecules in Pluronic micelles studied by double electron electron spin resonance and small angle X-ray scattering. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 148-160. | 1.3 | 28        |
| 56 | Three-spin correlations in double electron-electron resonance. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 6580.   | 1.3 | 127       |
| 57 | Fully cross-linked and chemically patterned self-assembled monolayers. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 7233.   | 1.3 | 34        |
| 58 | Spin pair geometry revealed by high-field DEER in the presence of conformational distributions. <i>Journal of Magnetic Resonance</i> , 2007, 185, 118-129.  | 1.2 | 133       |
| 59 | Isotope selection in distance measurements between nitroxides. <i>Journal of Magnetic Resonance</i> , 2006, 180, 137-146.   | 1.2 | 35        |
| 60 | DeerAnalysis2006—a comprehensive software package for analyzing pulsed ELDOR data. <i>Applied Magnetic Resonance</i> , 2006, 30, 473-498.   | 0.6 | 941       |
| 61 | How Flexible Are Poly(para-phenyleneethynylene)s?. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7560-7564.  | 7.2 | 125       |
| 62 | Separation of motional processes in a [2]catenane by combining synthetic, dual-frequency EPR and molecular modelling approaches. <i>Magnetic Resonance in Chemistry</i> , 2005, 43, S110-S118.            | 1.1 | 3         |
| 63 | Data analysis procedures for pulse ELDOR measurements of broad distance distributions. <i>Applied Magnetic Resonance</i> , 2004, 26, 223-244.   | 0.6 | 174       |
| 64 | Sensitivity enhancement in pulse EPR distance measurements. <i>Journal of Magnetic Resonance</i> , 2004, 169, 1-12.   | 1.2 | 138       |
| 65 | Non-Rusty [2]Catenanes with Huge Rings and Their Polymers. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 1639-1654.  | 1.2 | 60        |
| 66 | Non-Rusty [2]Catenanes with Huge Rings and Their Polymers. <i>ChemInform</i> , 2004, 35, no.  | 0.1 | 0         |
| 67 | Residual Topological Isomerism of Intertwined Molecules. <i>ChemInform</i> , 2004, 35, no.  | 0.1 | 0         |
| 68 | Residual Topological Isomerism of Intertwined Molecules. <i>Chemistry - A European Journal</i> , 2004, 10, 1878-1883.   | 1.7 | 38        |
| 69 | Co-Conformational Distribution of Nanosized [2]Catenanes Determined by Pulse EPR Measurements. <i>ChemPhysChem</i> , 2003, 4, 1328-1334.  | 1.0 | 28        |
| 70 | The Effect of Ring Size on Catenane Synthesis. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 3412-3420.  | 1.2 | 28        |
| 71 | An Efficient Synthesis of Liquid Crystalline Gigantocycles Combining Banana-Shaped and Rod-Like Mesogenic Units.. <i>ChemInform</i> , 2003, 34, no.   | 0.1 | 0         |
| 72 | The Effect of Ring Size on Catenane Synthesis.. <i>ChemInform</i> , 2003, 34, no.   | 0.1 | 0         |

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|----|--|-----|-----------|
| 73 | Facile Access to Monodisperse Ultralarge Rings. <i>Journal of the American Chemical Society</i> , 2003, 125, 5408-5414.  | 6.6 | 18        |
| 74 | Structure and dynamics of copper complexes with 2,2',6',6''-terpyridines in glassy matrices. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 3959-3967.  | 1.3 | 20        |
| 75 | Synthesis of Luminescent Rodlike Coil Block Copolymers Using Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2002, 35, 5758-5762.  | 2.2 | 33        |
| 76 | Selective Measurements of a Nitroxide-Copper Separation of 5 nm and a Nitroxide-Copper Separation of 2.5 nm in a Terpyridine-Based Copper(II) Complex by Pulse EPR Spectroscopy. <i>Angewandte Chemie</i> , 2002, 114, 4063-4066.                        | 1.6 | 21        |
| 77 | Hybrid Composites of Monodisperse $\pi$ -Conjugated Rodlike Organic Compounds and Semiconductor Quantum Particles. <i>Chemistry - A European Journal</i> , 2002, 8, 1413-1423.   | 1.7 | 23        |
| 78 | An Efficient Synthesis of Liquid Crystalline Gigantocycles Combining Banana-Shaped and Rod-Like Mesogenic Units. <i>Chemistry - A European Journal</i> , 2002, 8, 5094-5106.   | 1.7 | 29        |
| 79 | Selective Measurements of a Nitroxide-Copper Separation of 5 nm and a Nitroxide-Copper Separation of 2.5 nm in a Terpyridine-Based Copper(II) Complex by Pulse EPR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3907-3910. | 7.2 | 103       |
| 80 | Direct Conversion of EPR Dipolar Time Evolution Data to Distance Distributions. <i>Journal of Magnetic Resonance</i> , 2002, 155, 72-82.   | 1.2 | 221       |
| 81 | Excited-State Dynamics of Oligo(p-phenyleneethynylene): A Quadratic Coupling and Torsional Motions. <i>Journal of the American Chemical Society</i> , 2001, 123, 6447-6448.  | 6.6 | 167       |
| 82 | Ordered Nanostructures of a [2]Catenane Through Self-Assembly at Surfaces: An STM Study With Sub-Molecular Resolution. <i>ChemPhysChem</i> , 2001, 2, 461-464.   | 1.0 | 35        |
| 83 | Ordered Nanostructures of a [2]Catenane Through Self-Assembly at Surfaces: An STM Study With Sub-Molecular Resolution. <i>ChemPhysChem</i> , 2001, 2, 461-464.   | 1.0 | 1         |
| 84 | Dead-Time Free Measurement of Dipole-Dipole Interactions between Electron Spins. <i>Journal of Magnetic Resonance</i> , 2000, 142, 331-340.  | 1.2 | 949       |
| 85 | Crystalline Self-Assembly into Monolayers of Folded Oligomers at the Air-Water Interface. <i>Chemistry - A European Journal</i> , 2000, 6, 2173-2183.  | 1.7 | 6         |
| 86 | Formation, Structure and Conformational Dynamics of Highly Substituted Diphenylcarbonates. <i>Chemistry - A European Journal</i> , 2000, 6, 3522-3530.   | 1.7 | 9         |
| 87 | Dipolar spectroscopy and spin alignment in electron paramagnetic resonance. <i>Chemical Physics Letters</i> , 2000, 331, 243-252.  | 1.2 | 173       |
| 88 | Synthesis of 3,5-Disubstituted 4-Hydroxybenzoates by Aryl-Aryl and Alkynyl-Aryl Coupling. <i>Journal of Organic Chemistry</i> , 2000, 65, 2837-2842.   | 1.7 | 21        |
| 89 | EPR Probes with Well-Defined, Long Distances between Two or Three Unpaired Electrons. <i>Journal of Organic Chemistry</i> , 2000, 65, 7575-7582.   | 1.7 | 66        |
| 90 | Synthesis of Monodisperse Oligo(para-phenyleneethynylene)s Using Orthogonal Protecting Groups with Different Polarity for Terminal Acetylene Units. , 1999, 1999, 277-286.   |     | 60        |

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|-----|---|------|-----------|
| 91  | Synthesis of a [2]Catenane with Functionalities and 87-Membered Rings. Chemistry - A European Journal, 1999, 5, 1728-1733.  | 1.7  | 63        |
| 92  | Design, characterization and processing of cellulose-S-acetyl: a precursor to an electroactive cellulose. Macromolecular Chemistry and Physics, 1998, 199, 2777-2783.   | 1.1  | 8         |
| 93  | Molecules Adopting an Inverted U-Shape on the Water Surface by Self-Assembling into Crystalline Monolayers. Journal of Physical Chemistry B, 1998, 102, 6313-6317.  | 1.2  | 3         |
| 94  | Rod-Block and Coil-Block Copolymers with Oligo(p-phenyleneethynylene) as the Rod Block. Macromolecules, 1998, 31, 5160-5163.  | 2.2  | 55        |
| 95  | Synthesis and Characterization of Monodisperse Oligo(phenyleneethynylene)s. Journal of Organic Chemistry, 1997, 62, 6137-6143.  | 1.7  | 111       |
| 96  | Synthesis of Unsymmetrical 1,4-Diarylbutadiynes by Stille Coupling. Journal of Organic Chemistry, 1997, 62, 7471-7474.  | 1.7  | 51        |
| 97  | Synthesis of Model Compounds for the Structure Elucidation of a Ladder Polymer from Benzo[1,2-c:4,5-c']difuran and a Diquinone Derivative. Journal of Organic Chemistry, 1996, 61, 7304-7308.   | 1.7  | 17        |
| 98  | Photopolymers for non-linear optics: Design and synthesis of a polymer containing styrene-terminated tolane chromophores and its stabilization in an oriented configuration by photocrosslinking. Macromolecular Chemistry and Physics, 1995, 196, 133-147. | 1.1  | 8         |
| 99  | Photo-crosslinking of a polyurethane with pendant methacryloyl-Terminated 4-Alkoxy-4'-sulfamoylstilbene NLO Chromophores. Macromolecules, 1994, 27, 3472-3477.  | 2.2  | 23        |
| 100 | New chromophores containing sulfonamide, sulfonate, or sulfoximide groups for second harmonic generation. Advanced Materials, 1993, 5, 632-634.   | 11.1 | 21        |
| 101 | Strukturaufklärung eines doppelsträngigen Polymers mittels Modellstudien. Chemische Berichte, 1992, 125, 433-445.   | 0.2  | 7         |
| 102 | Synthesis and characterization of molecular ribbons. Makromolekulare Chemie Macromolecular Symposia, 1991, 44, 265-273.   | 0.6  | 5         |
| 103 | Towards a planar, double-stranded polymer. Advanced Materials, 1991, 3, 497-499.  | 11.1 | 20        |
| 104 | Cyclobuten-Ringöffnung: Eine nützliche Reaktion zur Synthese doppelsträngiger Moleküle. Chemische Berichte, 1991, 124, 149-156.   | 0.2  | 16        |
| 105 | Doppelsträngige Moleküle: Ein [6]Belten-Derivat und das entsprechende offenkettige Polymer. Angewandte Chemie, 1989, 101, 1704-1706.  | 1.6  | 41        |