

# Geng-Wu Zhang

List of Publications by Year  
in descending order

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|                 |                       |                        |                        |
|-----------------|-----------------------|------------------------|------------------------|
| 124<br>papers   | 6,174<br>citations    | 57719<br>44<br>h-index | 79644<br>73<br>g-index |
| 126<br>all docs | 126<br>docs citations | 126<br>times ranked    | 4000<br>citing authors |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Stable Enantiomers Displaying Thermally Activated Delayed Fluorescence: Efficient OLEDs with Circularly Polarized Electroluminescence. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2889-2893.    | 7.2 | 350       |
| 2  | Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. <i>Science China Chemistry</i> , 2021, 64, 2060-2104.   | 4.2 | 248       |
| 3  | A Highly Efficient Approach to [4]Pseudocatenanes by Threefold Metathesis Reactions of a Triptycene-Based Tris[2]pseudorotaxane. <i>Journal of the American Chemical Society</i> , 2005, 127, 13158-13159.        | 6.6 | 242       |
| 4  | Novel triptycene-derived hosts: synthesis and their applications in supramolecular chemistry. <i>Chemical Communications</i> , 2011, 47, 1674.  | 2.2 | 233       |
| 5  | Iptycene-Derived Crown Ether Hosts for Molecular Recognition and Self-Assembly. <i>Accounts of Chemical Research</i> , 2014, 47, 2026-2040.   | 7.6 | 209       |
| 6  | Triptycene-Based Chiral Macrocyclic Hosts for Highly Enantioselective Recognition of Chiral Guests Containing a Trimethylamino Group. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5304-5308.     | 7.2 | 191       |
| 7  | Recent progress of narrowband TADF emitters and their applications in OLEDs. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11340-11353.  | 2.7 | 191       |
| 8  | Axially Chiral TADF-Active Enantiomers Designed for Efficient Blue Circularly Polarized Electroluminescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3500-3504.                              | 7.2 | 181       |
| 9  | Triptycene-Derived Macrocyclic Arenes: From Calixarenes to Helicarenes. <i>Accounts of Chemical Research</i> , 2018, 51, 2093-2106.   | 7.6 | 162       |
| 10 | A highly efficient and selective turn-on fluorescent sensor for Cu <sup>2+</sup> ion based on calix[4]arene bearing four iminoquinoline subunits on the upper rim. <i>Chemical Communications</i> , 2008, , 1774. | 2.2 | 157       |
| 11 | Triptycene-Based Microporous Polymers: Synthesis and Their Gas Storage Properties. <i>ACS Macro Letters</i> , 2012, 1, 190-193.   | 2.3 | 135       |
| 12 | Recent Developments in Synthesis and Applications of Triptycene and Pentriptycene Derivatives. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 6377-6403.  | 1.2 | 134       |
| 13 | Pagoda[4]arene and <i>h</i> -Pagoda[4]arene. <i>Journal of the American Chemical Society</i> , 2020, 142, 8262-8269.  | 6.6 | 129       |
| 14 | Aromatic <sup>h</sup> imide-Based Thermally Activated Delayed Fluorescence Materials for Highly Efficient Organic Light-Emitting Diodes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8818-8822.  | 7.2 | 118       |
| 15 | Novel Triptycene-Based Cylindrical Macrotricyclic Host: Synthesis and Complexation with Paraquat Derivatives. <i>Organic Letters</i> , 2006, 8, 211-214.  | 2.4 | 107       |
| 16 | Stepwise Motion in a Multivalent [2] <sub>3</sub> Catenane. <i>Journal of the American Chemical Society</i> , 2015, 137, 9739-9745.   | 6.6 | 100       |
| 17 | Tristable [n]rotaxanes: from molecular shuttle to molecular cable car. <i>Chemical Science</i> , 2014, 5, 1520.   | 3.7 | 92        |
| 18 | Helical aromatic imide based enantiomers with full-color circularly polarized luminescence. <i>Chemical Communications</i> , 2016, 52, 9921-9924.   | 2.2 | 83        |

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|----|---|-----|-----------|
| 19 | Click and Patterned Functionalization of Graphene by Diels–Alder Reaction. <i>Journal of the American Chemical Society</i> , 2016, 138, 7448-7451.  | 6.6 | 81        |
| 20 | Chiral TADF–Active Polymers for High–Efficiency Circularly Polarized Organic Light–Emitting Diodes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23619-23624.   | 7.2 | 75        |
| 21 | Facile synthesis and optical resolution of inherently chiral fluorescent calix[4]crowns: enantioselective recognition towards chiral leucinol. <i>Tetrahedron</i> , 2005, 61, 8517-8528.  | 1.0 | 69        |
| 22 | Chiral Nanoparticles with Full-Color and White CPL Properties Based on Optically Stable Helical Aromatic Imide Enantiomers. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 8225-8230.  | 4.0 | 69        |
| 23 | Formation of Ternary Complexes between a Macrotricyclic Host and Hetero-Guest Pairs: An Acid–Base Controlled Selective Complexation Process. <i>Organic Letters</i> , 2007, 9, 4207-4210.   | 2.4 | 66        |
| 24 | A New Approach to Enantiopure Inherently Chiral Calix[4]arenes: Determination of Their Absolute Configurations. <i>Organic Letters</i> , 2007, 9, 4447-4450.  | 2.4 | 66        |
| 25 | <i>Triptycenes Chemistry</i> . , 2013, , .  |     | 66        |
| 26 | Saucer[ <i>n</i> ]arenes: Synthesis, Structure, Complexation, and Guest–Induced Circularly Polarized Luminescence Property. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21927-21933.                                     | 7.2 | 66        |
| 27 | Supramolecular polymer gel with multi stimuli responsive, self-healing and erasable properties generated by host–guest interactions. <i>Polymer</i> , 2013, 54, 6929-6935.  | 1.8 | 65        |
| 28 | Inherently chiral calix[4]arene-based bifunctional organocatalysts for enantioselective aldol reactions. <i>Tetrahedron</i> , 2008, 64, 8668-8675.  | 1.0 | 64        |
| 29 | Triptycene–Derived Calix[6]arenes: Synthesis, Structures, and Their Complexation with Fullerenes $C_{60}$ and $C_{70}$ . <i>Chemistry - A European Journal</i> , 2010, 16, 8072-8079.   | 1.7 | 62        |
| 30 | Self-Assembly of Triptycene-Based Cylindrical Macrotricyclic Host with Dibenzylammonium Ions: Construction of Dendritic [3]Pseudorotaxanes. <i>Organic Letters</i> , 2006, 8, 1859-1862.  | 2.4 | 61        |
| 31 | Tetrahydro[5]helicene-based full-color emission dyes in both solution and solid states: synthesis, structures, photophysical properties and optical waveguide applications. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8373-8380. | 2.7 | 60        |
| 32 | Three-Dimensional Nanographene Based on Triptycene: Synthesis and Its Application in Fluorescence Imaging. <i>Organic Letters</i> , 2012, 14, 5912-5915.  | 2.4 | 59        |
| 33 | Guest-Dependent Complexation of Triptycene-Based Macrotricyclic Host with Paraquat Derivatives and Secondary Ammonium Salts: A Chemically Controlled Complexation Process. <i>Journal of Organic Chemistry</i> , 2008, 73, 6800-6806.     | 1.7 | 57        |
| 34 | Effective Nonenzymatic Kinetic Resolution of Racemic <i>m</i> -Nitro-Substituted Inherently Chiral Aminocalix[4]arenes. <i>Organic Letters</i> , 2008, 10, 477-479.   | 2.4 | 56        |
| 35 | Directional Molecular Transportation Based on a Catalytic Stopper-Leaving Rotaxane System. <i>Journal of the American Chemical Society</i> , 2016, 138, 5652-5658.  | 6.6 | 53        |
| 36 | Recent advances in higher order rotaxane architectures. <i>Chemical Communications</i> , 2020, 56, 9916-9936.   | 2.2 | 53        |

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|----|---|-----|-----------|
| 37 | Pagoda[5]arene with Large and Rigid Cavity for the Formation of 1 <sup>st</sup> <sup>q</sup> 2 Host-Guest Complexes and Acid/Base-Responsive Crystalline Vapochromic Properties. <i>CCS Chemistry</i> , 2022, 4, 318-330.             | 4.6 | 53        |
| 38 | High-Performance Solution-Processed Nondoped Circularly Polarized OLEDs with Chiral Triptycene Scaffold-Based TADF Emitters Realizing Over 20% External Quantum Efficiency. <i>Advanced Functional Materials</i> , 2021, 31, 2106418. | 7.8 | 52        |
| 39 | pH-Controlled motions in mechanically interlocked molecules. <i>Materials Chemistry Frontiers</i> , 2020, 4, 12-28.   | 3.2 | 51        |
| 40 | Synthesis and Optical Resolution of a Series of Inherently Chiral Calix[4]crowns with Cone and Partial Cone Conformations. <i>Chemistry - A European Journal</i> , 2005, 11, 5917-5928.   | 1.7 | 50        |
| 41 | Triptycene-Based Chiral Macrocyclic Hosts for Highly Enantioselective Recognition of Chiral Guests Containing a Trimethylamino Group. <i>Angewandte Chemie</i> , 2016, 128, 5390-5394.  | 1.6 | 50        |
| 42 | Tetrahydro[5]helicene-Based Nanoparticles for Structure-Dependent Cell Fluorescent Imaging. <i>Advanced Functional Materials</i> , 2014, 24, 4405-4412.   | 7.8 | 49        |
| 43 | High-Efficiency Circularly Polarized Electroluminescence from TADF-Sensitized Fluorescent Enantiomers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20728-20733.  | 7.2 | 49        |
| 44 | Chiral Thermally Activated Delayed Fluorescence-Active Macrocycles Displaying Efficient Circularly Polarized Electroluminescence. <i>CCS Chemistry</i> , 2022, 4, 3540-3548.  | 4.6 | 49        |
| 45 | Azocalix[4]arene-based chromogenic anion probes. <i>New Journal of Chemistry</i> , 2006, 30, 143.   | 1.4 | 48        |
| 46 | Cross-linked supramolecular polymer networks with responsive and elastic gel properties via host-guest complexation: controlled release of squaraine dyes. <i>Soft Matter</i> , 2013, 9, 4875.  | 1.2 | 48        |
| 47 | A molecular pulley based on a triply interlocked [2]rotaxane. <i>Chemical Communications</i> , 2015, 51, 8241-8244.   | 2.2 | 48        |
| 48 | Switchable Complexation between (<i>O</i>-Methyl) <sub>6</sub> -2,6-helic[6]arene and Protonated Pyridinium Salts Controlled by Acid/Base and Photoacid. <i>Organic Letters</i> , 2017, 19, 3175-3178.                                | 2.4 | 48        |
| 49 | Guest-dependent directional complexation based on triptycene derived oxacalixarene: formation of oriented rotaxanes. <i>Chemical Science</i> , 2016, 7, 469-474.  | 3.7 | 42        |
| 50 | A Highly Selective Fluorescent Chemosensor for H <sub>2</sub> PO <sub>4</sub> <sup>-</sup> Based on a Calix[4]arene Tetraamide Derivative. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 2468-2472.                      | 1.2 | 41        |
| 51 | Triptycene-derived calix[6]arenes: synthesis, structure and tubular assemblies in the solid state. <i>Chemical Communications</i> , 2009, , 6771.   | 2.2 | 40        |
| 52 | Step-by-step reaction-powered mechanical motion triggered by a chemical fuel pulse. <i>Chemical Science</i> , 2019, 10, 2529-2533.  | 3.7 | 39        |
| 53 | A multi-stimuli responsive organogel based on a tetrapeptide-dithienylcyclopentene conjugate. <i>Soft Matter</i> , 2013, 9, 7538.   | 1.2 | 38        |
| 54 | Simple, efficient and selective colorimetric sensors for naked eye detection of Hg <sup>2+</sup> , Cu <sup>2+</sup> and Fe <sup>3+</sup> . <i>RSC Advances</i> , 2012, 2, 4415.   | 1.7 | 37        |

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|----|--|-----|-----------|
| 55 | Synthesis, Structures, and Conformational Characteristics of Triptycene-Derived Calix[5]arenes. <i>Organic Letters</i> , 2010, 12, 524-527.  | 2.4 | 36        |
| 56 | A Stimulusâ€Response and Selfâ€Healing Supramolecular Polymer Gel Based on Hostâ€Guest Interactions. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 1596-1601.   | 1.1 | 36        |
| 57 | Triptycene-derived calixarenes, heterocalixarenes and analogues. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014, 79, 261-281.  | 0.9 | 36        |
| 58 | Thermally activated delayed fluorescence material-sensitized helicene enantiomer-based OLEDs: a new strategy for improving the efficiency of circularly polarized electroluminescence. <i>Science China Materials</i> , 2021, 64, 899-908.   | 3.5 | 36        |
| 59 | Benzo[5]helicene-based conjugated polymers: synthesis, photophysical properties, and application for the detection of nitroaromatic explosives. <i>Polymer Chemistry</i> , 2016, 7, 310-318.   | 1.9 | 34        |
| 60 | Towards the Highly Efficient Synthesis and Selective Methylation of C(sp <sup>3</sup> )â€Bridged [6]Cycloparaphenylenes from Fluoren[3]arenes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13021-13028.   | 7.2 | 34        |
| 61 | Supramolecular tessellations by the exo-wall interactions of pagoda[4]arene. <i>Nature Communications</i> , 2021, 12, 6378.  | 5.8 | 32        |
| 62 | Enantiomeric Waterâ€Soluble Octopus[3]arenes for Highly Enantioselective Recognition of Chiral Ammonium Salts in Water. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .   | 7.2 | 32        |
| 63 | Synthesis, Structures, and Optical Properties of Aza[4]helicenes. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3059-3066.  | 1.2 | 30        |
| 64 | Formation of charge-transfer complexes based on a tropylium cation and 2,6-helic[6]arenes: a visible redox stimulus-responsive process. <i>Chemical Communications</i> , 2017, 53, 2582-2585.  | 2.2 | 30        |
| 65 | A Green Fluorescent Nitrogenâ€Doped Aromatic Belt Containing a [6]Cycloparaphenylene Skeleton. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15291-15295.   | 7.2 | 30        |
| 66 | Dâ€iâ€A type planar chiral TADF materials for efficient circularly polarized electroluminescence. <i>Materials Horizons</i> , 2021, 8, 3417-3423.  | 6.4 | 30        |
| 67 | Efficient control of movement in non-photoresponsive molecular machines by a photo-induced proton-transfer strategy. <i>Chemical Communications</i> , 2018, 54, 3536-3539.   | 2.2 | 29        |
| 68 | Complexation of Triptycene-Derived Macrotricyclic Polyether with Paraquat Derivatives, Diquat, and a 2,7-Diazapyrenium Salt: Guest-Induced Conformational Changes of the Host. <i>Journal of Organic Chemistry</i> , 2013, 78, 3235-3242.  | 1.7 | 26        |
| 69 | Synthesis, Structures, and Photophysical Properties of Optically Stable 1,16-Diphenyl-3,14-diaryl-Substituted Tetrahydrobenzo[5]helicenediol Derivatives: Enantioselective Recognition toward Tryptophan Methyl Esters. <i>Journal of Organic Chemistry</i> , 2017, 82, 7402-7409. | 1.7 | 26        |
| 70 | Importance of Conformational Change in Excited States for Efficient Thermally Activated Delayed Fluorescence. <i>Journal of Physical Chemistry C</i> , 2019, 123, 19322-19332.   | 1.5 | 26        |
| 71 | Chiral Conjugated Thermally Activated Delayed Fluorescent Polymers for Highly Efficient Circularly Polarized Polymer Light-Emitting Diodes. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 1578-1586.   | 4.0 | 26        |
| 72 | Synthesis and analysis of hydroxyl substituted triptycene adducts: the competitive recognition between the hydroxyl substituted triptycenes with 4,4â€-bipyridine and solvent molecules. <i>CrystEngComm</i> , 2010, 12, 3255.   | 1.3 | 25        |

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|----|---|-----|-----------|
| 73 | Triptycene-derived calix[6]resorcinarene-like hosts: synthesis, structure and self-assemblies in the solid state. <i>Chemical Communications</i> , 2011, 47, 12170.   | 2.2 | 25        |
| 74 | Self-sorting behavior of a four-component host-guest system and its incorporation into a linear supramolecular alternating copolymer. <i>Chemical Communications</i> , 2015, 51, 3593-3595.   | 2.2 | 25        |
| 75 | Complexation of Racemic 2,6-Helic[6]arene and Its Hexamethyl-Substituted Derivative with Quaternary Ammonium Salts, N-Heterocyclic Salts, and Tetracyanoquinodimethane. <i>Chemistry - A European Journal</i> , 2017, 23, 3735-3742.                        | 1.7 | 25        |
| 76 | Construction of Chiral Nanoassemblies Based on Host-Guest Complexes and Their Responsive CD and CPL Properties: Chirality Transfer From 2,6-helic[6]arenes to a Stilbazolium Derivative. <i>Frontiers in Chemistry</i> , 2019, 7, 543.                      | 1.8 | 25        |
| 77 | Formation of 1:2 Host-Guest Complexes Based on Triptycene-Derived Macrotricyclic and Paraquat Derivatives: Anion-Interactions between PF <sub>6</sub> <sup>-</sup> and Bipyridinium Rings in the Solid State. <i>Organic Letters</i> , 2011, 13, 5688-5691. | 2.4 | 22        |
| 78 | Synthesis of a water-soluble 2,6-helic[6]arene derivative and its strong binding abilities towards quaternary phosphonium salts: an acid/base controlled switchable complexation process. <i>Chemical Communications</i> , 2017, 53, 10433-10436.           | 2.2 | 22        |
| 79 | Saucer[n]arenes: Synthesis, Structure, Complexation, and Guest-Induced Circularly Polarized Luminescence Property. <i>Angewandte Chemie</i> , 2021, 133, 22098-22104.   | 1.6 | 22        |
| 80 | Phthalimide-based $\text{D}\pi\text{A}^*-\text{A}\pi\text{E}^*$ emitters with thermally activated delayed fluorescence and isomer-dependent room-temperature phosphorescence properties. <i>Chemical Communications</i> , 2019, 55, 12172-12175.            | 2.2 | 21        |
| 81 | A Route to Enantiopure ( <i>i</i> -O-Methyl) <sub>6</sub> -2,6-Helic[6]arenes: Synthesis of Hexabromo-Substituted 2,6-Helic[6]arene Derivatives and Their Suzuki-Miyaura Coupling Reactions. <i>Journal of Organic Chemistry</i> , 2018, 83, 11532-11540.   | 1.7 | 19        |
| 82 | Recent advances on triptycene derivatives in supramolecular and materials chemistry. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 10047-10067.   | 1.5 | 19        |
| 83 | Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2001, 40, 125-130.   | 1.6 | 18        |
| 84 | Self-Assembled Interwoven Cages from Triptycene-Derived Bis-Macrotricyclic Polyether and Multiple Branched Paraquat-Derived Subunits. <i>Organic Letters</i> , 2010, 12, 5764-5767.   | 2.4 | 18        |
| 85 | Synthesis, Structures, Resolution, and Chiroptical Properties of 1,16-Diaryl-Substituted Benzo[5]helicene Derivatives. <i>Chemistry - an Asian Journal</i> , 2017, 12, 86-94.   | 1.7 | 18        |
| 86 | Helic[1]triptycene[3]arene: Synthesis, Complexation, and Formation of [2]Rotaxane Shuttle. <i>Journal of Organic Chemistry</i> , 2020, 85, 11465-11474.   | 1.7 | 18        |
| 87 | Nanotoroidal tubule assembled from a functionalized oxacalix[4]arene. <i>CrystEngComm</i> , 2010, 12, 3502.   | 1.3 | 17        |
| 88 | Complexation Between ( <i>i</i> -O-Methyl) <sub>6</sub> -2,6-Helic[6]arene and Tertiary Ammonium Salts: Acid/Base- or Chloride-Ion-Responsive Host-Guest Systems and Synthesis of [2]Rotaxane. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2576-2582.   | 1.7 | 17        |
| 89 | Synthesis of A Bis-Macrotricyclic Host and Its Complexation with Secondary Ammonium Salts: An Acid-Base Switchable Molecular Handcuff. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5056-5062.  | 1.2 | 16        |
| 90 | Aromatic-imide-based TADF enantiomers for efficient circularly polarized electroluminescence. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4805-4812.  | 2.7 | 16        |

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|-----|---|-----|-----------|
| 91  | Directional Transportation of a Helic[6]arene along a Nonsymmetric Molecular Axle. Journal of Organic Chemistry, 2019, 84, 5872-5876.   | 1.7 | 15        |
| 92  | 3,6-Fluorene[5]arenes: synthesis, structure and complexation with fullerenes C <sub>60</sub> and C <sub>70</sub> . Chemical Communications, 2021, 57, 3987-3990.  | 2.2 | 15        |
| 93  | Triptycene-derived calix[6]arene analogues: synthesis, structure and complexation with paraquat derivatives. Organic Chemistry Frontiers, 2014, 1, 140.   | 2.3 | 14        |
| 94  | Propeller Configuration Flipping of the Trivalent Boron-Inducing Substituent Dependence of the Circularly Polarized Luminescence Sign in Triarylborane-Based [7]Helicenes. Organic Letters, 2021, 23, 4759-4763.                | 2.4 | 14        |
| 95  | Helic[6]arene-Based Chiral Pseudo[1]rotaxanes and [1]Rotaxanes. Chemistry - A European Journal, 2022, 28, .   | 1.7 | 10        |
| 96  | Adsorptive separation of picoline isomers by adaptive calix[3]acridan crystals. Chemical Communications, 2022, 58, 4356-4359.   | 2.2 | 10        |
| 97  | Chiral Bishelic[6]arene-Based Supramolecular Gels with Circularly Polarized Luminescence Property. ACS Applied Polymer Materials, 2022, 4, 3473-3481.   | 2.0 | 10        |
| 98  | The Design of a Highly Selective Fluorescent Chemosensor for Cu(II) within Wide pH Region and a Molecular Switch Controlled by pH. Journal of Inclusion Phenomena and Macroscopic Chemistry, 2005, 51, 165-171.                 | 1.6 | 9         |
| 99  | A programmed hydrogen bonding array self-assembles into a polymeric zipper-like architecture. New Journal of Chemistry, 2006, 30, 140.  | 1.4 | 9         |
| 100 | Dialkoxybenzo[j]fluoranthenes: synthesis, structures, photophysical properties, and optical waveguide application. RSC Advances, 2015, 5, 18609-18614.  | 1.7 | 9         |
| 101 | Self-Assembly of a [2]Pseudorotaxane by an Inchworm-Motion Mechanism. Chemistry - A European Journal, 2016, 22, 15075-15084.  | 1.7 | 9         |
| 102 | Title is missing!. Journal of Inclusion Phenomena and Macroscopic Chemistry, 2003, 45, 27-34.   | 1.6 | 8         |
| 103 | Acid/base controllable complexation of a triptycene-derived macrocyclic host and protonated 4,4'-bipyridinium/pyridinium salts. Chemical Communications, 2016, 52, 590-593.   | 2.2 | 8         |
| 104 | A Triply Operable Molecular Switch: Anion-, Acid/Base- and Solvent-Responsive [2]Rotaxane. European Journal of Organic Chemistry, 2019, 2019, 3406-3411.  | 1.2 | 8         |
| 105 | Synthesis of Chiral Helic[1]triptycene[3]arenes and Their Enantioselective Recognition towards Chiral Guests Containing Aminoindan Groups. Molecules, 2021, 26, 536.  | 1.7 | 8         |
| 106 | Complexation between a triptycene-derived oxacalixarene and $\pi$ -extended viologens: linker-length-dependent orientation of the macrocycles in pseudo[3]rotaxanes. Organic and Biomolecular Chemistry, 2016, 14, 10481-10488. | 1.5 | 7         |
| 107 | Synthesis and Reactions of Triptycene-Derived Bromocalix[5]arenes: Conformational Transformation from Cone to 1,2-Alternate. European Journal of Organic Chemistry, 2014, 2014, 1976-1983.                                      | 1.2 | 6         |
| 108 | Synthesis and Structures of Triptycene-Derived Oxacalixarenes with Expanded Cavities: Tunable and Switchable Complexation towards Bipyridinium Salts. Chemistry - An Asian Journal, 2016, 11, 2756-2762.                        | 1.7 | 6         |

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|-----|---|-----|-----------|
| 109 | TADF-Sensitized Fluorescent Enantiomers: A New Strategy for High-Efficiency Circularly Polarized Electroluminescence**. Chemistry - A European Journal, 2022, 28, .   | 1.7 | 6         |
| 110 | FUNCTIONALIZATION OF CALIX[4]-ARENES AT THE LOWER RIM AND SYNTHESIS OF CALIX[4](AZA)CROWNS. Synthetic Communications, 2001, 31, 2829-2836.  | 1.1 | 5         |
| 111 | Guest-dependent complexation of triptycene-derived macrotricyclic host containing one anthracene moiety with paraquat derivatives: construction of [2]rotaxanes. Supramolecular Chemistry, 2015, 27, 357-363.                                 | 1.5 | 5         |
| 112 | Solid-state -Russian doll-like capsules based on a triptycene-derived macrotricyclic host with paraquat derivative and polycyclic aromatic hydrocarbons. CrystEngComm, 2016, 18, 4900-4904.   | 1.3 | 5         |
| 113 | Complexation of 2,6-helic[6]arene and its derivatives with 1,1'-dimethyl-4,4'-bipyridinium salts and protonated 4,4'-bipyridinium salts: an acid-base controllable complexation. Beilstein Journal of Organic Chemistry, 2019, 15, 1795-1804. | 1.3 | 5         |
| 114 | A Green Fluorescent Nitrogen-Doped Aromatic Belt Containing a [6]Cycloparaphenylene Skeleton. Angewandte Chemie, 2021, 133, 15419-15423.  | 1.6 | 4         |
| 115 | Triptycene-derived TADF enantiomers displaying circularly polarized luminescence and high-efficiency electroluminescence. Organic Electronics, 2021, 99, 106355.  | 1.4 | 4         |
| 116 | Enantiomeric Water-Soluble Octopus[3]arenes for Highly Enantioselective Recognition of Chiral Ammonium Salts in Water. Angewandte Chemie, 2022, 134, .  | 1.6 | 4         |
| 117 | A Novel <i>N</i> -linked Peptidocalix[4]arene Receptor for Anions. Supramolecular Chemistry, 2007, 19, 531-535.   | 1.5 | 2         |
| 118 | Study of the Complexation Behavior of Calixarene with Transition Metal Cations by UV-Vis and Fluorescent Spectra. Chinese Journal of Chemistry, 2002, 20, 917-920.  | 2.6 | 2         |
| 119 | Linker-Length-Dependent Complexation of a Triptycene-Derived Macrotricyclic Polyether with -Extended Viologens. European Journal of Organic Chemistry, 2015, 2015, 1257-1263.   | 1.2 | 2         |
| 120 | Triple-stranded triptycene-based metallo-supramolecular helicate displaying efficient encapsulation of bulky guest molecules. Chemical Communications, 2022, 58, 1326-1329.   | 2.2 | 1         |
| 121 | Crystal structure of 2,4'-biflavonoid. Journal of Chemical Crystallography, 1997, 27, 215-218.  | 0.5 | 0         |
| 122 | Organic Nanoparticles: Tetrahydro[5]helicene-Based Nanoparticles for Structure-Dependent Cell Fluorescent Imaging (Adv. Funct. Mater. 28/2014). Advanced Functional Materials, 2014, 24, 4378-4378.   | 7.8 | 0         |
| 123 | Triptycene-Derived Macrocyclic Arenes. , 2019, , 1-43.  |     | 0         |
| 124 | Triptycene-Derived Macrocyclic Arenes. , 2020, , 139-180.   |     | 0         |