

Michael Mastalerz

List of Publications by Citations

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127
papers

5,851
citations

38
h-index

74
g-index

137
ext. papers

6,724
ext. citations

7.8
avg, IF

6.82
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 127 | Organic cage compounds--from shape-persistency to function. <i>Chemical Society Reviews</i> , 2014 , 43, 1934-48 | 48.5 | 435 |
| 126 | Rational construction of an extrinsic porous molecular crystal with an extraordinary high specific surface area. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 5252-5 | 16.4 | 355 |
| 125 | Shape-persistent organic cage compounds by dynamic covalent bond formation. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 5042-53 | 16.4 | 334 |
| 124 | A salicylbisimine cage compound with high surface area and selective CO ₂ /CH ₄ adsorption. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 1046-51 | 16.4 | 330 |
| 123 | A permanent mesoporous organic cage with an exceptionally high surface area. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 1516-20 | 16.4 | 297 |
| 122 | Permanent porous materials from discrete organic molecules-towards ultra-high surface areas. <i>Chemistry - A European Journal</i> , 2012 , 18, 10082-91 | 4.8 | 180 |
| 121 | Porous organic cage compounds as highly potent affinity materials for sensing by quartz crystal microbalances. <i>Advanced Materials</i> , 2012 , 24, 6049-52 | 24 | 166 |
| 120 | Porous Shape-Persistent Organic Cage Compounds of Different Size, Geometry, and Function. <i>Accounts of Chemical Research</i> , 2018 , 51, 2411-2422 | 24.3 | 161 |
| 119 | The next generation of shape-persistent zeolite analogues: covalent organic frameworks. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 445-7 | 16.4 | 158 |
| 118 | A shape-persistent quadruply interlocked giant cage catenane with two distinct pores in the solid state. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 5126-30 | 16.4 | 155 |
| 117 | One-pot synthesis of a shape-persistent endo-functionalised nano-sized adamantoid compound. <i>Chemical Communications</i> , 2008 , 4756-8 | 5.8 | 145 |
| 116 | Periphery-substituted [4+6] salicylbisimine cage compounds with exceptionally high surface areas: influence of the molecular structure on nitrogen sorption properties. <i>Chemistry - A European Journal</i> , 2012 , 18, 836-47 | 4.8 | 137 |
| 115 | Formtreue organische Käfigverbindungen durch dynamische Bildung kovalenter Bindungen. <i>Angewandte Chemie</i> , 2010 , 122, 5164-5175 | 3.6 | 128 |
| 114 | Post-modification of the interior of porous shape-persistent organic cage compounds. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 3611-5 | 16.4 | 120 |
| 113 | Chiral Self-Sorting of [2+3] Salicylimine Cage Compounds. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 1244-1248 | 16.4 | 115 |
| 112 | Eine Salicylbisimin-Käfigverbindung mit großer spezifischer Oberfläche und selektiver CO ₂ /CH ₄ -Adsorption. <i>Angewandte Chemie</i> , 2011 , 123, 1078-1083 | 3.6 | 114 |
| 111 | A Permanent Mesoporous Organic Cage with an Exceptionally High Surface Area. <i>Angewandte Chemie</i> , 2014 , 126, 1542-1546 | 3.6 | 100 |

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| 110 | Rationale Herstellung eines extrinsisch porösen Molekülkristalls mit einer außergewöhnlich großen spezifischen Oberfläche. <i>Angewandte Chemie</i> , 2012 , 124, 5345-5348 | 3.6 | 100 |
| 109 | A pyrene-fused N-heteroacene with eleven rectilinearly annulated aromatic rings. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6051-6 | 16.4 | 96 |
| 108 | Exo-functionalized shape-persistent [2+3] cage compounds: influence of molecular rigidity on formation and permanent porosity. <i>Chemistry - A European Journal</i> , 2012 , 18, 4156-60 | 4.8 | 91 |
| 107 | A Shape-Persistent Quadruply Interlocked Giant Cage Catenane with Two Distinct Pores in the Solid State. <i>Angewandte Chemie</i> , 2014 , 126, 5226-5230 | 3.6 | 79 |
| 106 | A shape-persistent exo-functionalized [4 + 6] imine cage compound with a very high specific surface area. <i>Chemical Communications</i> , 2012 , 48, 9861-3 | 5.8 | 74 |
| 105 | Rigid Extended triptycenes via a hexaketone precursor. <i>Organic Letters</i> , 2014 , 16, 704-7 | 6.2 | 71 |
| 104 | Synthesis of a rigid C _{3v} -symmetric tris-salicylaldehyde as a precursor for a highly porous molecular cube. <i>Chemistry - A European Journal</i> , 2014 , 20, 16707-20 | 4.8 | 71 |
| 103 | Direct gravimetric sensing of GBL by a molecular recognition process in organic cage compounds. <i>Chemical Communications</i> , 2013 , 49, 8398-400 | 5.8 | 68 |
| 102 | Chiral Self-Sorting of [2+3] Salicylimine Cage Compounds. <i>Angewandte Chemie</i> , 2017 , 129, 1264-1268 | 3.6 | 62 |
| 101 | Chirality-Assisted Synthesis of a Very Large Octameric Hydrogen-Bonded Capsule. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 15599-15603 | 16.4 | 57 |
| 100 | A Conformationally Stable Contorted Hexabenzoovalene. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 15594-15598 | 16.4 | 56 |
| 99 | Ein Pyren-fusioniertes N-Heteroacene mit elf linear anellierten aromatischen Ringen. <i>Angewandte Chemie</i> , 2015 , 127, 6149-6154 | 3.6 | 55 |
| 98 | Crystal Structures of a Molecule Designed Not To Pack Tightly. <i>Chemistry - A European Journal</i> , 2015 , 21, 17308-13 | 4.8 | 53 |
| 97 | Postmodifizierung der Hohlräume poröser formstabiler organischer Käfigverbindungen. <i>Angewandte Chemie</i> , 2013 , 125, 3699-3703 | 3.6 | 51 |
| 96 | Building large supramolecular nanocapsules with europium cations. <i>Chemical Communications</i> , 2012 , 48, 1281-3 | 5.8 | 48 |
| 95 | Contorted Polycyclic Aromatic Hydrocarbons with Two Embedded Azulene Units. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 17577-17582 | 16.4 | 47 |
| 94 | Conjugated oligothiophenyl dendrimers based on a pyrazino[2,3-g]quinoxaline core. <i>Organic Letters</i> , 2009 , 11, 4500-3 | 6.2 | 47 |
| 93 | Shape-Persistent [4+4] Imine Cages with a Truncated Tetrahedral Geometry. <i>Chemistry - A European Journal</i> , 2018 , 24, 1816-1820 | 4.8 | 42 |

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|----|---|------|----|
| 92 | Facile Synthetic Approach to a Large Variety of Soluble Diarenoperylene. <i>Chemistry - A European Journal</i> , 2016 , 22, 14840-14845 | 4.8 | 42 |
| 91 | Metal-assisted salphen organic frameworks (MaSOFs) with high surface areas and narrow pore-size distribution. <i>Chemical Communications</i> , 2012 , 48, 130-2 | 5.8 | 42 |
| 90 | Two-step synthesis of hexaammonium triptycene: an air-stable building block for condensation reactions to extended triptycene derivatives. <i>Journal of Organic Chemistry</i> , 2011 , 76, 6389-93 | 4.2 | 41 |
| 89 | Attractive Dispersion Interactions Versus Steric Repulsion of tert-Butyl groups in the Crystal Packing of a D _{3h} -Symmetric Tris(quinoxalinophenanthrophenazine). <i>Chemistry - A European Journal</i> , 2016 , 22, 646-55 | 4.8 | 35 |
| 88 | Transforming a chemically labile [2+3] imine cage into a robust carbamate cage. <i>Chemical Communications</i> , 2017 , 53, 8616-8619 | 5.8 | 33 |
| 87 | Modular Synthesis of Shape-Persistent Organic Cage Compounds: Molecular Precursors for a New Class of Permanent Porous Materials. <i>Synlett</i> , 2013 , 24, 781-786 | 2.2 | 33 |
| 86 | Materials chemistry: Liquefied molecular holes. <i>Nature</i> , 2015 , 527, 174-6 | 50.4 | 32 |
| 85 | Extended rigid triptycene-trisaroylenimidazoles as electron acceptors. <i>Chemical Communications</i> , 2016 , 52, 1048-51 | 5.8 | 31 |
| 84 | A Chiral Polycyclic Aromatic Hydrocarbon Monkey Saddle. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 270-274 | 16.4 | 31 |
| 83 | A Conformationally Stable Contorted Hexabenzoovalene. <i>Angewandte Chemie</i> , 2016 , 128, 15823-15827 | 3.6 | 31 |
| 82 | Uniform porous nanospheres of discrete shape-persistent organic cage compounds. <i>Journal of Materials Chemistry</i> , 2012 , 22, 7113 | | 30 |
| 81 | Contorted Polycyclic Aromatic Hydrocarbons with Two Embedded Azulene Units. <i>Angewandte Chemie</i> , 2019 , 131, 17741-17746 | 3.6 | 29 |
| 80 | Transformation of Imine Cages into Hydrocarbon Cages. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 1768-1773 | 16.4 | 29 |
| 79 | Shape-Persistent Tetrahedral [4+6] Boronic Ester Cages with Different Degrees of Fluoride Substitution. <i>Chemistry - A European Journal</i> , 2018 , 24, 11438-11443 | 4.8 | 28 |
| 78 | Transformation of a [4+6] Salicylbisimine Cage to Chemically Robust Amide Cages. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8819-8823 | 16.4 | 27 |
| 77 | Synthesis of Triphenylene-Based Triptycenes via Suzuki-Miyaura Cross-Coupling and Subsequent Scholl Reaction. <i>Journal of Organic Chemistry</i> , 2015 , 80, 9342-8 | 4.2 | 27 |
| 76 | Synthesis of Tetrahedral Shape-Persistent Tetranuclear Metal-Salphen. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 5971-5980 | 3.2 | 26 |
| 75 | Chirality-Assisted Synthesis of a Very Large Octameric Hydrogen-Bonded Capsule. <i>Angewandte Chemie</i> , 2016 , 128, 15828-15832 | 3.6 | 25 |

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| 74 | Synthesis and Chiral Resolution of C ₃ -Symmetric Tribenzotriquinacenes. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 4470-4472 | 3.2 | 25 |
| 73 | Chiral Self-sorting of Giant Cubic [8+12] Salicylimine Cage Compounds. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 8896-8904 | 16.4 | 25 |
| 72 | Rigid Conjugated Twisted Truxene Dimers and Trimers as Electron Acceptors. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3977-81 | 16.4 | 24 |
| 71 | A Robust Porous Quinoline Cage: Transformation of a [4+6] Salicylimine Cage by Povarov Cyclization. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 19675-19679 | 16.4 | 22 |
| 70 | Fused π -Extended Truxenes via a Threefold Borylation as the Key Step. <i>Chemistry - A European Journal</i> , 2016 , 22, 3084-93 | 4.8 | 22 |
| 69 | Triptycene-Based Porous Metal-Assisted Salphen Organic Frameworks: Influence of the Metal Ions on Formation and Gas Sorption. <i>Chemistry of Materials</i> , 2018 , 30, 2781-2790 | 9.6 | 21 |
| 68 | Functionalized Contorted Polycyclic Aromatic Hydrocarbons by a One-Step Cyclopentannulation and Regioselective Triflyloxylation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 10650-10654 | 16.4 | 19 |
| 67 | A Chiral Polycyclic Aromatic Hydrocarbon Monkey Saddle. <i>Angewandte Chemie</i> , 2020 , 132, 276-280 | 3.6 | 18 |
| 66 | K-Region-Extended [c]-Heteroannulated Pyrenes. <i>Chemistry - A European Journal</i> , 2017 , 23, 17817-17822 | 4.8 | 16 |
| 65 | Triptycene End-Capped Quinoxalinophenanthrophenazines (QPPs): Influence of Substituents and Conditions on Aggregation in the Solid State. <i>Chemistry - A European Journal</i> , 2019 , 25, 11121-11134 | 4.8 | 16 |
| 64 | Rational design of multifunctional nanopores by mixing matching molecules. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 584-6 | 16.4 | 16 |
| 63 | Single-Handed Towards Nanosized Organic Molecules. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 45-7 | 16.4 | 15 |
| 62 | Substrate-Directed Growth of N-Heteropolycyclic Molecules on a Metal Surface. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 2866-2873 | 3.8 | 15 |
| 61 | Boroquinol Complexes with Fused Extended Aromatic Backbones: Synthesis and Optical Properties. <i>Chemistry - A European Journal</i> , 2017 , 23, 935-945 | 4.8 | 15 |
| 60 | Transformation of Imine Cages into Hydrocarbon Cages. <i>Angewandte Chemie</i> , 2019 , 131, 1782-1787 | 3.6 | 15 |
| 59 | Planar versus triptycenylen end-capped aroyleneimidazoles as electron acceptors in organic photovoltaics. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 834-838 | 5.2 | 14 |
| 58 | Bright, stable, and efficient red light-emitting electrochemical cells using contorted nanographenes. <i>Nanoscale Horizons</i> , 2020 , 5, 473-480 | 10.8 | 14 |
| 57 | Benzo-Fused Perylene Oligomers with up to 13 Linearly Annulated Rings. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7941-7946 | 16.4 | 14 |

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| 56 | Switching the Statistical C /C Ratio in the Threefold Aromatic Substitution of Tribenzotriquinacenes towards the C Isomer. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11321-11324 | 16.4 | 14 |
| 55 | Homoconjugation and Intramolecular Charge Transfer in Extended Aromatic Triptycenes with Different π Planes. <i>Journal of Organic Chemistry</i> , 2020 , 85, 15256-15272 | 4.2 | 13 |
| 54 | Examination of the Dynamic Covalent Chemistry of [2 + 3]-Imine Cages. <i>Journal of Organic Chemistry</i> , 2020 , 85, 13757-13771 | 4.2 | 13 |
| 53 | Triptycene-trisaroyleneimidazoles as non-fullerene acceptors π Influence of side-chains on solubility, device morphology and performance. <i>Organic Electronics</i> , 2017 , 47, 211-219 | 3.5 | 12 |
| 52 | Quinoxalinophenanthrophenazines (QPPs) and Hexabenzoovalenes (HBOs) π Proving the Solubility Enhancement by Triptycene End-Capping. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 4891-4896 | 3.2 | 12 |
| 51 | Gulf-Selective Postsynthetic Functionalization of a Soluble Hexabenzoovalene. <i>Chemistry - A European Journal</i> , 2018 , 24, 8751-8755 | 4.8 | 12 |
| 50 | Cata-Condensed Heteroannulated Coronenes via Selective Bromination of Diarenoperylene as the Key Step. <i>Organic Letters</i> , 2018 , 20, 7270-7273 | 6.2 | 12 |
| 49 | Transformation of a [4+6] Salicylbisimine Cage to Chemically Robust Amide Cages. <i>Angewandte Chemie</i> , 2019 , 131, 8911-8915 | 3.6 | 11 |
| 48 | Functionalized Contorted Polycyclic Aromatic Hydrocarbons by a One-Step Cyclopentannulation and Regioselective Triflyloxylation. <i>Angewandte Chemie</i> , 2019 , 131, 10760-10764 | 3.6 | 11 |
| 47 | Hydrogen-Bonded Chains and Networks of Triptycene-Based Triboronic Acid and Tripyridinone. <i>Crystal Growth and Design</i> , 2016 , 16, 5542-5548 | 3.5 | 11 |
| 46 | Discrete Triptycene-Based Hexakis(metalsalphens): Extrinsic Soluble Porous Molecules of Isostructural Constitution. <i>Chemistry - A European Journal</i> , 2018 , 24, 11433-11437 | 4.8 | 11 |
| 45 | A Robust Porous Quinoline Cage: Transformation of a [4+6] Salicylimine Cage by Povarov Cyclization. <i>Angewandte Chemie</i> , 2020 , 132, 19843-19847 | 3.6 | 10 |
| 44 | Benzopyrano-Fused N-Heterocyclic Polyaromatics. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 532-536 | 3.2 | 10 |
| 43 | Rigid Conjugated Twisted Truxene Dimers and Trimers as Electron Acceptors. <i>Angewandte Chemie</i> , 2016 , 128, 4045-4049 | 3.6 | 10 |
| 42 | Microporous Triptycene-Based Affinity Materials on Quartz Crystal Microbalances for Tracing of Illicit Compounds. <i>ChemPlusChem</i> , 2019 , 84, 1239-1244 | 2.8 | 9 |
| 41 | Selective even-numbered bromination of triptycene tris(thiadiazoles). <i>Organic Letters</i> , 2014 , 16, 5596-9 | 6.2 | 9 |
| 40 | Switching the Statistical C3/C1 Ratio in the Threefold Aromatic Substitution of Tribenzotriquinacenes towards the C3 Isomer. <i>Angewandte Chemie</i> , 2018 , 130, 11491-11494 | 3.6 | 9 |
| 39 | An Isosteric Triaza Analogue of a Polycyclic Aromatic Hydrocarbon Monkey Saddle. <i>Chemistry - A European Journal</i> , 2020 , 26, 14560-14564 | 4.8 | 8 |

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| 38 | Host-Guest Chemistry of Truncated Tetrahedral Imine Cages with Ammonium Ions. <i>ChemistryOpen</i> , 2020 , 9, 183-190 | 2.3 | 8 |
| 37 | Crystal engineering: Covalent crystal growth. <i>Nature Chemistry</i> , 2013 , 5, 810-1 | 17.6 | 8 |
| 36 | Chiral Self-sorting of Giant Cubic [8+12] Salicylimine Cage Compounds. <i>Angewandte Chemie</i> , 2021 , 133, 8978-8986 | 3.6 | 8 |
| 35 | Einhändig zu organischen Nanomolekülen. <i>Angewandte Chemie</i> , 2016 , 128, 45-47 | 3.6 | 8 |
| 34 | Triptycene End-Capped Quinoxalino-phenanthrophenazines with Aromatic Substituents: Synthesis, Characterization, and Single-Crystal Structure Analysis. <i>Organic Materials</i> , 2019 , 01, 050-062 | 1.9 | 8 |
| 33 | An Oxidative Macrocyclic Ring Opening of a Triptycene to a Highly Functionalized Fluorene Derivative. <i>Journal of Organic Chemistry</i> , 2015 , 80, 8881-6 | 4.2 | 7 |
| 32 | Synthesis of para-Aryl-Substituted Salicyldialdehydes. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 3274-3285 | 3.2 | 7 |
| 31 | Solvent-Controlled Racemic Resolution of -Symmetric Trihydroxytribenzotriquinacenes. <i>Journal of Organic Chemistry</i> , 2020 , 85, 3981-3989 | 4.2 | 7 |
| 30 | Pyridoxycalix[4]arene palladium(II) complexes as tectons for self-inclusion polymers. <i>CrystEngComm</i> , 2008 , 10, 1120 | 3.3 | 7 |
| 29 | Di- and Tetracyano-Substituted Pyrene-Fused Pyrazaacenes: Aggregation in the Solid State. <i>Chemistry - A European Journal</i> , 2020 , 26, 11634-11642 | 4.8 | 6 |
| 28 | Metal-Assisted Salphen Organic Frameworks (MaSOFs) with Trinuclear Metal Units for Synergic Gas Sorption. <i>Chemistry of Materials</i> , 2019 , 31, 6210-6223 | 9.6 | 6 |
| 27 | Synthesis and Optoelectronic Properties of a Quinoxalino-Phenanthrophenazine (QPP) Extended Tribenzotriquinacene (TBTQ). <i>Chemistry - A European Journal</i> , 2021 , 27, 2043-2049 | 4.8 | 6 |
| 26 | A Giant [8+12] Boronic Ester Cage with 48 Terminal Alkene Units in the Periphery for Postsynthetic Alkene Metathesis. <i>Chemistry - A European Journal</i> , 2021 , 27, 233-237 | 4.8 | 6 |
| 25 | A Triptycene-Based Enantiopure Bis(Diazadibenzoanthracene) by a Chirality-Assisted Synthesis Approach. <i>Chemistry - A European Journal</i> , 2020 , 26, 16036-16042 | 4.8 | 5 |
| 24 | Efficient, Scalable Syntheses of Important Intermediates in Tribenzotriquinacene Chemistry. <i>Synthesis</i> , 2015 , 47, 3846-3848 | 2.9 | 5 |
| 23 | Soluble Congeners of Prior Insoluble Shape-Persistent Imine Cages. <i>Chemistry - A European Journal</i> , 2021 , 27, 9383-9390 | 4.8 | 5 |
| 22 | 2,7,11,16-Tetra-tert-Butyl Tetraindenopyrene Revisited by an "Inverse" Synthetic Approach. <i>Chemistry - A European Journal</i> , 2020 , 26, 10585-10590 | 4.8 | 5 |
| 21 | Benzo-Fused Perylene Oligomers with up to 13 Linearly Annulated Rings. <i>Angewandte Chemie</i> , 2021 , 133, 8020-8025 | 3.6 | 5 |

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| 20 | Optical Properties and Sequence Information of Tin-Centered Conjugated Microporous Polymers. <i>Chemistry - A European Journal</i> , 2018 , 24, 1674-1680 | 4.8 | 5 |
| 19 | Supramolecular single-stranded calix[4]arene helices towards a crystal engineering approach of homochiral assemblies. <i>CrystEngComm</i> , 2011 , 13, 3979 | 3.3 | 4 |
| 18 | Triptycene End-Capping as Strategy in Materials Chemistry to Control Crystal Packing and Increase Solubility. <i>Chemical Record</i> , 2021 , 21, 558-573 | 6.6 | 4 |
| 17 | Triptycene End-Capped Benzothienobenzothiophene and Naphthothienobenzothiophene. <i>Chemistry - A European Journal</i> , 2020 , 26, 12596-12605 | 4.8 | 3 |
| 16 | Triptycene-Bis(aryleneimidazole)s as Non-Fullerene Acceptors: The Missing Links. <i>ChemPlusChem</i> , 2017 , 82, 1390-1395 | 2.8 | 3 |
| 15 | Isostructural Charge-Transfer Cocrystals Based on Triptycene End-Capped Quinoxalinophenanthrophenazine. <i>Crystal Growth and Design</i> , 2021 , 21, 1329-1341 | 3.5 | 3 |
| 14 | Triptycene End-Capped Indigo Derivatives - Turning Insoluble Pigments to Soluble Dyes. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 72-76 | 3.2 | 3 |
| 13 | Ln(III) complexes with triptycene based tripodal ligands: speciation and equilibria. <i>New Journal of Chemistry</i> , 2018 , 42, 7803-7809 | 3.6 | 2 |
| 12 | Metal Salen- and Salphen-Containing Organic Polymers: Synthesis and Applications. <i>Organic Materials</i> , 2020 , 02, 182-203 | 1.9 | 2 |
| 11 | Contorted Heteroannulated Tetraareno[a,d,j,m]coronenes. <i>Chemistry - A European Journal</i> , 2021 , 27, 14345-14352 | 4.8 | 2 |
| 10 | Inside Back Cover: Rational Construction of an Extrinsic Porous Molecular Crystal with an Extraordinary High Specific Surface Area (Angew. Chem. Int. Ed. 21/2012). <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 5257-5257 | 16.4 | 1 |
| 9 | Cucurbitimines - imine cages with concave walls. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 3668-3674 | 5.2 | 1 |
| 8 | Quinoxalinophenanthrophenazine Based Cruciforms. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 4816-4823 | 3.2 | 1 |
| 7 | Highly Selective Adsorption of Perfluorinated Greenhouse Gases by Porous Organic Cages. <i>Advanced Materials</i> , 2020 , 32, 2202290 | 24 | 1 |
| 6 | Pyrene-Based Diarynes as Precursors for Twisted Fused Polycyclic Aromatic Hydrocarbons: A Comparison of Two Routes. <i>Organic Materials</i> , 2020 , 02, 358-361 | 1.9 | 0 |
| 5 | Proving Triptycene Homoconjugation with the Same Chromophore but Different Connectivity to the Core. <i>Organic Materials</i> , 2021 , 03, 097-102 | 1.9 | 0 |
| 4 | Tetrapyridoxycalix[4]arene and its copper(II) complex: an ionic crystal engineering tecton for self-inclusion polymers. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009 , 64, 157-161 | | |
| 3 | Desymmetrization Strategy to Achieve Triptycene-Based 3,6-Dimethoxytriphenylenes via Oxidative Cyclodehydrogenation. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 6255-6258 | 3.2 | |

- 2 Innentitelbild: A Conformationally Stable Contorted Hexabenzoovalene (Angew. Chem. 50/2016).
Angewandte Chemie, **2016**, 128, 15672-15672 3.6
- 1 A Nickel-Salphen Type Complex with a Heteropicene Backbone. *Zeitschrift Fur Anorganische Und
Allgemeine Chemie*, **2018**, 644, 606-610 1.3