

Carl Redshaw

List of Publications by Year in descending order

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421
papers

15,240
citations

23879

60
h-index

36203

101
g-index

440
all docs

440
docs citations

440
times ranked

8773
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Structural and magnetic characterization of tetranuclear [Ni(II) ₂ Ln(III) ₂] complexes bearing tetra-branched Schiff base ligands. <i>Polyhedron</i> , 2022, 212, 115584. | 1.0 | 4 |
| 2 | Encapsulation of L-valine, D-leucine and D-methionine by cucurbit[8]uril. <i>CrystEngComm</i> , 2022, 24, 1035-1040. | 1.3 | 4 |
| 3 | A cucurbit[8]uril-based probe for the detection of the pesticide tricyclazole. <i>Dyes and Pigments</i> , 2022, 199, 110076. | 2.0 | 16 |
| 4 | Pd-Immobilized Schiff Base Double-Layer Macrocyclic: Synthesis, Structures, Peroxidase Mimic Activity, and Antibacterial Performance. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 1423-1433. | 4.0 | 12 |
| 5 | Activating Surface Lattice Oxygen of a Cu/Zn _{1-x} Cu _x O Catalyst through Interface Interactions for CO Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 9882-9890. | 4.0 | 13 |
| 6 | Steric influences on the photophysical properties of pyrene-based derivatives; mechanochromism and their pH-responsive ability. <i>Dyes and Pigments</i> , 2022, 200, 110123. | 2.0 | 10 |
| 7 | A cucurbit[6]uril-carbon dot system: a potentially new bioimaging agent. <i>Materials Chemistry Frontiers</i> , 2022, 6, 973-980. | 3.2 | 9 |
| 8 | A new cucurbit[10]uril-based AIE fluorescent supramolecular polymer for cellular imaging. <i>Materials Chemistry Frontiers</i> , 2022, 6, 1021-1025. | 3.2 | 21 |
| 9 | Network Pharmacology and Molecular Docking Study of the Chinese Miao Medicine Sidaxue in the Treatment of Rheumatoid Arthritis. <i>Drug Design, Development and Therapy</i> , 2022, Volume 16, 435-466. | 2.0 | 25 |
| 10 | A Twisted Cucurbit[14]Urill-Based Fluorescent Supramolecular Polymer Mediated by Metal Ion. <i>Macromolecules</i> , 2022, 55, 1642-1646. | 2.2 | 19 |
| 11 | A New Cationic Fluorescent Probe for HSO ₃ ²⁻ Based on Bisulfite Induced Aggregation Self-Assembly. <i>Molecules</i> , 2022, 27, 2378. | 1.7 | 3 |
| 12 | Iron complexes of [2+2] and [6+6] Schiff-base macrocycles derived from 2,2'-oxydianiline and their applications. <i>Inorganic Chemistry Communication</i> , 2022, 139, 109376. | 1.8 | 4 |
| 13 | Twisted cucurbit[14]uril: A new type of CTE macrocycle for Fe sensing. <i>Microchemical Journal</i> , 2022, 178, 107364. | 2.3 | 9 |
| 14 | Heterometallic cobalt(II) calix[6 and 8]arenes: synthesis, structure and electrochemical activity. <i>RSC Advances</i> , 2022, 12, 11672-11685. | 1.7 | 0 |
| 15 | Cucurbit[8]uril triggered fluorescence visualization of concentration-dependent interconversion of supramolecular polymer and dimer assemblies. <i>Dyes and Pigments</i> , 2022, 203, 110335. | 2.0 | 3 |
| 16 | Highly selective recognition of the Al(ClO ₄) ₃ molecule by a mono-pyrene substituted thiacalix[4]arene chemosensor. <i>Chemical Communications</i> , 2022, 58, 6112-6115. | 2.2 | 5 |
| 17 | Construction of cucurbit[n]uril-based supramolecular frameworks via host-guest inclusion and functional properties thereof. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2753-2809. | 3.0 | 11 |
| 18 | A study of the inclusion complex formed between cucurbit[8]uril and isonicotinic acid. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2022, 102, 619-628. | 0.9 | 2 |

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|----|--|-----|-----------|
| 19 | A study of the inclusion complex formed between cucurbit[7]uril and 1-[4-(dimethylamino)phenyl]-ethanone. <i>Polyhedron</i> , 2022, , 115938. | 1.0 | 0 |
| 20 | Progress in host-guest macrocycle/pesticide research: Recognition, detection, release and application. <i>Coordination Chemistry Reviews</i> , 2022, 467, 214580. | 9.5 | 41 |
| 21 | Triphenylamine Derived Radical Cations for Colorimetric Cu ²⁺ Sensors and as an Antibacterial Agent. <i>ChemistrySelect</i> , 2022, 7, . | 0.7 | 0 |
| 22 | Mixed-metal calix[8]arene complexes: structure, and ring opening polymerisation studies. <i>Chemical Communications</i> , 2022, 58, 7427-7430. | 2.2 | 2 |
| 23 | Intermolecular Hydrogen-Bond-Assisted Solid-State Dual-Emission Molecules with Mechanical Force-Induced Enhanced Emission. <i>Journal of Organic Chemistry</i> , 2022, 87, 8503-8514. | 1.7 | 16 |
| 24 | Cucurbit[6]uril-based supramolecular frameworks formed through outer surface interactions and application for iodine adsorption. <i>Inorganic Chemistry Communication</i> , 2022, 142, 109663. | 1.8 | 5 |
| 25 | Niobium and Tantalum complexes derived from the acids Ph ₂ C(X)CO ₂ H (X =) <i>TJ ETQq1</i> 1 0.784314 <i>rgBT /Ove</i> 14146-14154. | 1.4 | 2 |
| 26 | Lipid Droplet-Specific Red Aggregation-Induced Emission Luminogens: Fast Light-Up of Gram-Positive Pathogens for Identification of Bacteria. , 2022, 4, 1523-1530. | | 10 |
| 27 | Y-Shaped Pyrene-Based Aggregation-Induced Emission Blue Emitters for High-Performance OLED Devices. <i>Advanced Optical Materials</i> , 2022, 10, . | 3.6 | 26 |
| 28 | Rare-earth metal complexes derived from the acids Ph ₂ C(X)CO ₂ H (X= OH, NH ₂): Structural and ring opening polymerization (ROP) studies. <i>Journal of Molecular Structure</i> , 2021, 1224, 129083. | 1.8 | 4 |
| 29 | Vanadium complexes derived from oxacalix[6]arenes: structural studies and use in the ring opening homo-/co-polymerization of μ -caprolactone/ β -valerolactone and ethylene polymerization. <i>Catalysis Science and Technology</i> , 2021, 11, 624-636. | 2.1 | 9 |
| 30 | Synthesis, structure and gas adsorption properties of coordination polymers based on mixed imidazole-containing ligands and carboxylate ligands. <i>Inorganica Chimica Acta</i> , 2021, 517, 120193. | 1.2 | 5 |
| 31 | Pyrene-fused Dibenzoazatetracenes: Synthesis, Crystal Structures, Photophysical Properties and their Morphologies. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 233-240. | 1.3 | 5 |
| 32 | Synthesis, characterisation and ROP catalytic evaluation of Cu(II) complexes bearing 2,2'-diphenylglycine-derived moieties. <i>Polyhedron</i> , 2021, 195, 114977. | 1.0 | 1 |
| 33 | Short axially asymmetrically 1,3-disubstituted pyrene-based color-tunable emitters: Synthesis, characterization and optical properties. <i>Tetrahedron</i> , 2021, 78, 131828. | 1.0 | 10 |
| 34 | Assemblies of cucurbit[6]uril-based coordination complexes with disulfonate ligands: from discrete complexes to one- and two-dimensional polymers. <i>CrystEngComm</i> , 2021, 23, 465-481. | 1.3 | 6 |
| 35 | Lead calix[<i>n</i>]arenes (<i>n</i> = 4, 6, 8): structures and ring opening homo-/co-polymerization capability for cyclic esters. <i>Dalton Transactions</i> , 2021, 50, 15140-15152. | 1.6 | 4 |
| 36 | Co-polymerization of propylene oxide and CO ₂ using early transition metal (groups IV and V) metallocalix[<i>n</i>]arenes (<i>n</i> = 4, 6, 8). <i>Journal of Applied Polymer Science</i> , 2021, 138, 50513. | 1.3 | 4 |

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|----|---|-----|-----------|
| 37 | Lithium calix[4]arenes: structural studies and use in the ring opening polymerization of cyclic esters. RSC Advances, 2021, 11, 11304-11317. | 1.7 | 9 |
| 38 | Titanium complexes bearing oxa- and azacalix[4, 6]arenes: structural studies and use in the ring opening homo-/co-polymerization of cyclic esters. Dalton Transactions, 2021, 50, 4396-4407. | 1.6 | 7 |
| 39 | Coordination chemistry of [2 + 2] Schiff-base macrocycles derived from the dianilines [(2-NH ₂ C ₆ H ₄) ₂ X] (X = CH ₂ CH ₂ , O): structural studies and ROP capability towards cyclic esters. Dalton Transactions, 2021, 50, 8057-8069. | 1.6 | 5 |
| 40 | A brief review on novel pyrene based fluorometric and colorimetric chemosensors for the detection of Cu ²⁺ . Materials Chemistry Frontiers, 2021, 5, 2173-2200. | 3.2 | 84 |
| 41 | Pyrene-based aggregation-induced emission luminogens (AIEgens) with less colour migration for anti-counterfeiting applications. Journal of Materials Chemistry C, 2021, 9, 12828-12838. | 2.7 | 58 |
| 42 | A Simple Turn-off Schiff Base Fluorescent Sensor for Copper (II) Ion and Its Application in Water Analysis. Molecules, 2021, 26, 1233. | 1.7 | 43 |
| 43 | Polymeric self-assembled cucurbit[n]urils: Synthesis, structures and applications. Coordination Chemistry Reviews, 2021, 434, 213733. | 9.5 | 69 |
| 44 | A 1-Hydroxy-2,4-Diformylphthalene-Based Fluorescent Probe and Its Detection of Sulfites/Bisulfite. Molecules, 2021, 26, 3064. | 1.7 | 8 |
| 45 | An Air-Stable Organic Radical from a Controllable Photoinduced Domino Reaction of a Hexa-aryl Substituted Anthracene. Journal of Organic Chemistry, 2021, 86, 7359-7369. | 1.7 | 5 |
| 46 | A Highly Selective Turn-On Fluorescent Probe for the Detection of Zinc. Molecules, 2021, 26, 3825. | 1.7 | 17 |
| 47 | New Quinoxaline-Based Blue Emitters: Molecular Structures, Aggregation-Induced Enhanced Emission Characteristics and OLED Application. Chinese Journal of Chemistry, 2021, 39, 2154-2162. | 2.6 | 31 |
| 48 | Emission and theoretical studies of Schiff-base [2+2] macrocycles derived from 2,2'-oxydianiline and zinc complexes thereof. Dyes and Pigments, 2021, 190, 109300. | 2.0 | 2 |
| 49 | Dynamic Coordination between a Triphenylamine-Functionalized Salicylaldehyde Schiff Base and a Copper(II) Ion. Inorganic Chemistry, 2021, 60, 8581-8591. | 1.9 | 25 |
| 50 | Comparative assessment of marine weathering of ROP-derived biopolymers against conventional plastics. Marine Pollution Bulletin, 2021, 167, 112272. | 2.3 | 4 |
| 51 | Red/Green Tunable-Emission Carbon Nanodots for Smart Visual Precision pH Sensing. Chemistry of Materials, 2021, 33, 6091-6098. | 3.2 | 33 |
| 52 | Pyrene-fused hexaarylbenzene luminogens: Synthesis, characterization, and aggregation-induced emission enhancement. Dyes and Pigments, 2021, 192, 109452. | 2.0 | 9 |
| 53 | Detection of the pesticide dodine using a cucurbit[10]uril-based fluorescent probe. Microchemical Journal, 2021, 167, 106309. | 2.3 | 7 |
| 54 | Alkoxy-Functionalized Schiff-Base Ligation at Aluminum and Zinc: Synthesis, Structures and ROP Capability. Catalysts, 2021, 11, 1090. | 1.6 | 7 |

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|----|--|-----|-----------|
| 55 | Synthesis, Crystal Structure and Bioactivity of Phenazine-1-carboxylic Acylhydrazone Derivatives. <i>Molecules</i> , 2021, 26, 5320. | 1.7 | 4 |
| 56 | Lithiated Calix[<i>n</i>]arenes (<i>n</i> = 6 or 8): Synthesis, Structures, and Use in the Ring-Opening Polymerization of Cyclic Esters. <i>Inorganic Chemistry</i> , 2021, 60, 15543-15556. | 1.9 | 5 |
| 57 | Metallocalix[<i>n</i>]arenes in catalysis: A 13-year update. <i>Coordination Chemistry Reviews</i> , 2021, 448, 214173. | 9.5 | 27 |
| 58 | Manipulating Surface Termination of Perovskite Manganate for Oxygen Activation. <i>Advanced Functional Materials</i> , 2021, 31, 2006439. | 7.8 | 18 |
| 59 | Scandium calix[<i>n</i>]arenes (<i>n</i> = 4, 6, 8): structural, cytotoxicity and ring opening polymerization studies. <i>Dalton Transactions</i> , 2021, 50, 8302-8306. | 1.6 | 4 |
| 60 | Main-group metal complexes of $\hat{\pm}$ -diimine ligands: structure, bonding and reactivity. <i>Dalton Transactions</i> , 2021, 50, 13634-13650. | 1.6 | 30 |
| 61 | Stimuli-Responsive Materials from Ferrocene-Based Organic Small Molecule for Wearable Sensors. <i>Small</i> , 2021, 17, e2103125. | 5.2 | 14 |
| 62 | Color tuning and white light emission based on tetraphenylethylene-functionalized cucurbit[7]uril and FRET triggered by host-guest self-assembly. <i>Tetrahedron</i> , 2021, 101, 132509. | 1.0 | 2 |
| 63 | Study on the Preparation Technology of Omeprazole Vesicles. <i>Russian Journal of General Chemistry</i> , 2021, 91, 2311-2319. | 0.3 | 0 |
| 64 | Pentamethylcyclopentadienyl Molybdenum(V) Complexes Derived from Iodoanilines: Synthesis, Structure, and ROP of $\hat{\mu}$ -Caprolactone. <i>Catalysts</i> , 2021, 11, 1554. | 1.6 | 2 |
| 65 | Construction of a Supramolecular Fluorescence Sensor from Water-soluble Pillar[5]arene and 1-Naphthol for Recognition of Metal Ions. <i>ChemistrySelect</i> , 2021, 6, 13265-13269. | 0.7 | 0 |
| 66 | Using Supercritical CO ₂ in the Preparation of Metal-Organic Frameworks: Investigating Effects on Crystallisation. <i>Crystals</i> , 2020, 10, 17. | 1.0 | 9 |
| 67 | Synthesis and structures of mono- and di-nuclear aluminium and zinc complexes bearing $\hat{\pm}$ -diimine and related ligands, and their use in the ring opening polymerization of cyclic esters. <i>Dalton Transactions</i> , 2020, 49, 1456-1472. | 1.6 | 15 |
| 68 | Isomorphic Cd(II)/Zn(II)-MOFs as bifunctional chemosensors for anion (CrO ₇ ²⁻) and cation (Fe ³⁺) detection in aqueous solution. <i>Inorganic Chemistry Communication</i> , 2020, 121, 108259. | 1.8 | 13 |
| 69 | Amino acid recognition by a fluorescent chemosensor based on cucurbit[8]uril and acridine hydrochloride. <i>Analytica Chimica Acta</i> , 2020, 1135, 142-149. | 2.6 | 25 |
| 70 | Synthesis of Biodegradable Polymers: A Review on the Use of Schiff-Base Metal Complexes as Catalysts for the Ring Opening Polymerization (ROP) of Cyclic Esters. <i>Catalysts</i> , 2020, 10, 800. | 1.6 | 74 |
| 71 | Two dimensional coordination polymers based on 3,5-di(1H-imidazol-1-yl)pyridine and their fluorescence properties. <i>Journal of Molecular Structure</i> , 2020, 1207, 127818. | 1.8 | 7 |
| 72 | Supramolecular chemistry of substituted cucurbit[<i>n</i>]urils. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3217-3246. | 3.0 | 32 |

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|----|--|-----|-----------|
| 73 | INSIGHTS into the structures adopted by titanocalix[6 and 8]arenes and their use in the ring opening polymerization of cyclic esters. Dalton Transactions, 2020, 49, 11978-11996. | 1.6 | 14 |
| 74 | Aggregation-Induced Emission Luminogens for Direct Exfoliation of 2D Layered Materials in Ethanol. Advanced Materials Interfaces, 2020, 7, 2000795. | 1.9 | 5 |
| 75 | Aggregation-induced emission luminogen: A new perspective in the photo-degradation of organic pollutants. EcoMat, 2020, 2, e12024. | 6.8 | 14 |
| 76 | Synthesis and Structures of [2.1]Metacyclophanones and their Conversion to Highly Strained [2.1]Metacyclophaneynes. European Journal of Organic Chemistry, 2020, 2020, 4167-4175. | 1.2 | 1 |
| 77 | A turn-off fluorescent probe for the detection of Cu ²⁺ based on a tetraphenylethylene-functionalized salicylaldehyde Schiff-base. Materials Chemistry Frontiers, 2020, 4, 1500-1506. | 3.2 | 66 |
| 78 | A pyrenyl-appended C-symmetric hexahomotrioxacalix[3]arene for selective fluorescence sensing of iodide. Dyes and Pigments, 2020, 178, 108340. | 2.0 | 15 |
| 79 | A flexible tripod fluorescent probe for multiple cations detection and its application in living cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 240, 118614. | 2.0 | 6 |
| 80 | Supramolecular assemblies controlled by cucurbit[<i>n</i>]uril size (<i>n</i> = 6, 7, 8 and 10). New Journal of Chemistry, 2020, 44, 4311-4318. | 1.4 | 6 |
| 81 | A fluorescent probe based on cucurbit[7]uril for the selective recognition of phenylalanine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 233, 118177. | 2.0 | 9 |
| 82 | Studies on Lewis Acid Induced Reactions of 8-Methoxy[2.2]metacyclophanes: A New Synthetic Route to Alkylated Pyrenes. ChemistrySelect, 2020, 5, 1269-1274. | 0.7 | 3 |
| 83 | Water-Soluble Rhenium Phosphine Complexes Incorporating the Ph ₂ C(X) Motif (X = O, NH): Structural and Cytotoxicity Studies. Inorganic Chemistry, 2020, 59, 2367-2378. | 1.9 | 6 |
| 84 | A Study of the Interaction between Cucurbit[7]uril and Alkyl Substituted 4-Pyrrolidinopyridinium Salts. Chemistry, 2020, 2, 262-273. | 0.9 | 4 |
| 85 | Use of titanocalix[4]arenes in the ring opening polymerization of cyclic esters. Catalysis Science and Technology, 2020, 10, 1619-1639. | 2.1 | 25 |
| 86 | Use of Titanium Complexes Bearing Diphenolate or Calix[<i>n</i>]arene Ligands in $\hat{\pm}$ -Olefin Polymerization and the ROP of Cyclic Esters. Catalysts, 2020, 10, 210. | 1.6 | 22 |
| 87 | Turning on ROP activity in a bimetallic Co/Zn complex supported by a [2+2] Schiff-base macrocycle. Chemical Communications, 2019, 55, 11279-11282. | 2.2 | 17 |
| 88 | Synthesis, structure, and cytotoxicity studies of oxidovanadium(IV and V) complexes bearing chelating phenolates. Polyhedron, 2019, 171, 1-9. | 1.0 | 3 |
| 89 | Molecular Tweezers-like Calix[4]arene Based Alkaline Earth Metal Cation (Ca ²⁺), Tj ETQq1 1 0.784314 rgBT /Overlock 10 Inorganic Chemistry, 2019, 58, 14720-14727. | 1.9 | 8 |
| 90 | Study of the host-guest interaction between N,N'-bis[4-(dimethylaminophenyl)methyl]butane-1,4-diamine and the cucurbit[<i>n</i>]urils (<i>n</i> = 6, 7). New Journal of Chemistry, 2019, 43, 14938-14943. | 1.4 | 2 |

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|-----|---|-----|-----------|
| 91 | Mono-oxo molybdenum(ν) and tungsten(ν) complexes bearing chelating aryloxides: synthesis, structure and ring opening polymerization of cyclic esters. Dalton Transactions, 2019, 48, 1454-1466. | 1.6 | 13 |
| 92 | Pyrene-based blue emitters with aggregation-induced emission features for high-performance organic light-emitting diodes. Journal of Materials Chemistry C, 2019, 7, 2283-2290. | 2.7 | 78 |
| 93 | An efficient ICT-based ratio/colorimetric tripodal azobenzene probe for the recognition/discrimination of F^- , AcO^- and H_2PO_4^- anions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 221, 117174. | 2.0 | 10 |
| 94 | A hemicyanine and cucurbit[n]uril inclusion complex: competitive guest binding of cucurbit[7]uril and cucurbit[8]uril. Supramolecular Chemistry, 2019, 31, 457-465. | 1.5 | 5 |
| 95 | Cyclotrimerization of alkynes catalyzed by a self-supported cyclic tri-nuclear nickel(0) complex with \pm -diimine ligands. Dalton Transactions, 2019, 48, 4643-4649. | 1.6 | 12 |
| 96 | Pyrene-based aggregation-induced emission luminogens and their applications. Materials Chemistry Frontiers, 2019, 3, 762-781. | 3.2 | 234 |
| 97 | Alkyl substituted 4-pyrrolidinopyridinium salts encapsulated in the cavity of cucurbit[10]uril. New Journal of Chemistry, 2019, 43, 7028-7034. | 1.4 | 7 |
| 98 | Synthesis, Structures and Lewis Acid-Induced Isomerization of 8-Methoxy[2.2]metaparacyclophanes and a DFT Study. ChemistrySelect, 2019, 4, 3630-3635. | 0.7 | 6 |
| 99 | Pyrene-Fused Pyrazaacenes with Eight Rectilinearly Arranged Aromatic Rings. Asian Journal of Organic Chemistry, 2019, 8, 155-160. | 1.3 | 4 |
| 100 | A Study of the Interaction Between Cucurbit[8]uril and Alkyl-Substituted 4-Pyrrolidinopyridinium Salts. Chemistry - an Asian Journal, 2019, 14, 235-242. | 1.7 | 20 |
| 101 | Supramolecular drug inclusion complex constructed from cucurbit[7]uril and the hepatitis B drug Adefovir. Supramolecular Chemistry, 2019, 31, 260-267. | 1.5 | 9 |
| 102 | Macrocyclic encapsulation triggered supramolecular pKa shift: A fluorescence indicator for detecting octreotide in aqueous solution. Sensors and Actuators B: Chemical, 2019, 281, 568-573. | 4.0 | 16 |
| 103 | A multifunctional tripodal fluorescent probe for the recognition of Cr^{3+} , Al^{3+} , Zn^{2+} and F^- with controllable ESIP processes. Dyes and Pigments, 2019, 162, 257-265. | 2.0 | 48 |
| 104 | Two-Photon Absorption Properties of Pyrene-Based Dipolar $\text{D}^+ \text{A}^- \text{A} \text{Fluorophores}$. ChemPhotoChem, 2018, 2, 749-756. | 1.5 | 17 |
| 105 | A three-dimensional (time, wavelength and intensity) functioning fluorescent probe for the selective recognition/discrimination of Cu^{2+} , Hg^{2+} , Fe^{3+} and F^- ions. Dalton Transactions, 2018, 47, 3674-3678. | 1.6 | 15 |
| 106 | Multiple Photoluminescence from Pyrene-Fused Hexaarylbenzenes with Aggregation-Enhanced Emission Features. Asian Journal of Organic Chemistry, 2018, 7, 444-450. | 1.3 | 18 |
| 107 | Synthesis and structure of a chiral areno-bridged [2.4]metacyclophane. Tetrahedron, 2018, 74, 329-335. | 1.0 | 4 |
| 108 | Pyrene-based color-tunable dipolar molecules: Synthesis, characterization and optical properties. Dyes and Pigments, 2018, 153, 125-131. | 2.0 | 25 |

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|-----|--|-----|-----------|
| 109 | Molybdocalix[4]arene N,O-Schiff-base ligands. <i>Supramolecular Chemistry</i> , 2018, 30, 404-410. | 1.5 | 2 |
| 110 | A quinoline-based fluorometric and colorimetric dual-modal pH probe and its application in bioimaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 188, 230-236. | 2.0 | 25 |
| 111 | Click synthesis of a quinoline-functionalized hexahomotrioxacalix[3]arene: A turn-on fluorescence chemosensor for Fe ³⁺ . <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 52-58. | 4.0 | 40 |
| 112 | Vanadyl sulfates: molecular structure, magnetism and electrochemical activity. <i>Dalton Transactions</i> , 2018, 47, 15983-15993. | 1.6 | 7 |
| 113 | Reduction of phenylacetylenes using Raney Ni-Al alloy, Al powder in the presence of noble metal catalysts in water. <i>Arkivoc</i> , 2018, 2018, 241-251. | 0.3 | 2 |
| 114 | A Review on the Recent Advances in the Reductions of Carbon-Carbon/Oxygen Multiple Bonds Including Aromatic Rings Using Raney Ni-Al Alloy or Al Powder in the Presence of Noble Metal Catalysts in Water. <i>Topics in Catalysis</i> , 2018, 61, 560-574. | 1.3 | 23 |
| 115 | A study of the interaction between inverted cucurbit[6]uril and symmetric viologens. <i>New Journal of Chemistry</i> , 2018, 42, 11085-11092. | 1.4 | 9 |
| 116 | Host-Guest Interaction of Cucurbit[8]uril with N-(3-Aminopropyl)cyclohexylamine: Cyclohexyl Encapsulation Triggered Ternary Complex. <i>Molecules</i> , 2018, 23, 175. | 1.7 | 6 |
| 117 | A Hexahomotrioxacalix[3]arene-Based Ditopic Receptor for Alkylammonium Ions Controlled by Ag ⁺ Ions. <i>Molecules</i> , 2018, 23, 467. | 1.7 | 3 |
| 118 | Synthesis, crystal structure, and cytotoxicity studies of titanacalix[4 and 8]arene complexes. <i>Dalton Transactions</i> , 2018, 47, 8992-8999. | 1.6 | 7 |
| 119 | Organoaluminium Complexes Derived from Anilines or Schiff Bases for the Ring-Opening Polymerization of ϵ -Caprolactone, γ -Valerolactone and <i>rac</i> -Lactide. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1951-1965. | 1.0 | 26 |
| 120 | Synthesis and Structure of 1,2-Dimethylene[2.10]metacyclophane and Its Conversion into Chiral [10]Benzenometacyclophanes. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1721-1726. | 1.2 | 7 |
| 121 | Multimetallc Lithium Complexes Derived from the Acids Ph ₂ C(X)CO ₂ H (X=OH, Tj ETQq1 1 0.784314 rgBT ChemistrySelect, 2017, 2, 759-768. | 0.7 | 11 |
| 122 | A study of the interaction between inverted cucurbit[7]uril and symmetric viologens. <i>RSC Advances</i> , 2017, 7, 461-467. | 1.7 | 16 |
| 123 | Synthesis, Structure and Photophysical Properties of Pyrene-based [5]Helicenes: an Experimental and Theoretical Study. <i>ChemistrySelect</i> , 2017, 2, 1436-1441. | 0.7 | 13 |
| 124 | Ring opening polymerization of lactides and lactones by multimetallic alkyl zinc complexes derived from the acids Ph ₂ C(X)CO ₂ H (X = OH, NH ₂). <i>RSC Advances</i> , 2017, 7, 4510-4517. | 1.7 | 21 |
| 125 | Synthesis and fluorescence emission properties of D-D monomers based on dithieno[3,2-b:2',3'-d]thiophene. <i>Journal of Luminescence</i> , 2017, 188, 388-393. | 1.5 | 6 |
| 126 | A 2-Styryl-1,8-naphthyridine derivative as a versatile fluorescent probe for the selective recognition of Hg ²⁺ , Ag ⁺ and F ⁻ ions by tuning the solvent. <i>Sensors and Actuators B: Chemical</i> , 2017, 252, 1089-1097. | 4.0 | 20 |

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|-----|--|-----|-----------|
| 127 | Synthesis and conformations of [2.n]metacyclophan-1-ene epoxides and their conversion to [n.1]metacyclophanes. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 3519-3527. | 1.5 | 7 |
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