

# cyril Rousseau

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/542537/publications.pdf>

Version: 2024-02-01

34  
papers

1,069  
citations

393982

19  
h-index

433756

31  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1314  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Cyclodextrins Initiated Ring-Opening Polymerization of Lactide Using 4-Dimethylaminopyridine (DMAP) as Catalyst: Study of DMAP/ $\beta$ -CD Inclusion Complex and Access to New Structures. <i>Molecules</i> , 2022, 27, 1083.                 | 1.7 | 5         |
| 2  | Cyclodextrins: a new and effective class of co-modulators for aqueous zirconium-MOF syntheses. <i>CrystEngComm</i> , 2021, 23, 2764-2772.  | 1.3 | 11        |
| 3  | Highly Water-Soluble Amphiphilic Cyclodextrins Bearing Branched and Cyclic Oleic Grafts. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 4863-4868.   | 1.2 | 4         |
| 4  | Polymer $\alpha$ -ruthenium-cyclopentadienyl-conjugates - New emerging anti-cancer drugs. <i>European Journal of Medicinal Chemistry</i> , 2019, 168, 373-384.   | 2.6 | 26        |
| 5  | Synthesis of 2-Hydroxydodecyl Starch Ethers: Importance of the Purification Process. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 2437-2444.   | 1.8 | 5         |
| 6  | Oleic Acid Based Cyclodextrins for the Development of New Hydrosoluble Amphiphilic Compounds. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1236-1241.  | 1.2 | 6         |
| 7  | Unconventional media and technologies for starch etherification and esterification. <i>Green Chemistry</i> , 2018, 20, 1152-1168.  | 4.6 | 75        |
| 8  | An ambient-temperature aqueous synthesis of zirconium-based metal-organic frameworks. <i>Green Chemistry</i> , 2018, 20, 5292-5298.  | 4.6 | 54        |
| 9  | Greener Paal-Knorr Pyrrole Synthesis by Mechanical Activation. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 31-35.   | 1.2 | 41        |
| 10 | Cyclodextrins as Porous Material for Catalysis. , 2016, , 15-42.   |     | 4         |
| 11 | Ring opening polymerization of $\epsilon$ -caprolactone in the presence of wet $\beta$ -cyclodextrin: effect of the operative pressure and of water molecules in the $\beta$ -cyclodextrin cavity. <i>RSC Advances</i> , 2016, 6, 90290-90299. | 1.7 | 17        |
| 12 | Access to Pyrrole Derivatives in Water with the Assistance of Methylated Cyclodextrins. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4356-4361.  | 1.2 | 13        |
| 13 | Ring-opening polymerization of lactones using binaphthyl diyl hydrogen phosphate as organocatalyst and resulting monosaccharide functionalization of polylactones. <i>Journal of Polymer Science Part A</i> , 2013, 51, 2279-2287.             | 2.5 | 29        |
| 14 | First polymer $\alpha$ -ruthenium-cyclopentadienyl-complex as potential anticancer agent. <i>Journal of Inorganic Biochemistry</i> , 2013, 127, 79-81.   | 1.5 | 48        |
| 15 | Access to new carbohydrate-functionalized polylactides via organocatalyzed ring-opening polymerization. <i>Polymer</i> , 2011, 52, 5018-5026.  | 1.8 | 42        |
| 16 | Direct Experimental Evidence for the High Chemical Reactivity of $^1A$ and $^2A$ Xylopyranosides Adopting a <sup>2,5</sup> <i>B</i> Conformation in Glycosyl Transfer. <i>Chemistry - A European Journal</i> , 2011, 17, 7345-7356.            | 1.7 | 14        |
| 17 | Modular access to heterocycles: methyl 3-aminobenzo[b]thiophene-2-carboxylate-thiourea linkage or pyrimidine-4-one-2-thione formation. <i>Monatshefte für Chemie</i> , 2009, 140, 339-348.   | 0.9 | 7         |
| 18 | Tosylated glycerol carbonate, a versatile bis-electrophile to access new functionalized glycidol derivatives. <i>Tetrahedron</i> , 2009, 65, 8571-8581.  | 1.0 | 57        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Synthesis and biological evaluation of potent glycosidase inhibitors: 4-deoxy-4,4-difluoroisofagomine and analogues. <i>Tetrahedron</i> , 2009, 65, 3717-3727.                         | 1.0 | 17        |
| 20 | Selective Discrimination of Cyclodextrin Diols Using Cyclic Sulfates. <i>Organic Letters</i> , 2009, 11, 1983-1985.  | 2.4 | 29        |
| 21 | Artificial enzymes, "Chemzymes": current state and perspectives. <i>Applied Microbiology and Biotechnology</i> , 2008, 81, 1-11.   | 1.7 | 113       |
| 22 | 1,2-Glycerol Carbonate: A Versatile Renewable Synthon. <i>Letters in Organic Chemistry</i> , 2006, 3, 744-748.   | 0.2 | 40        |
| 23 | Artificial Epoxidase II. Synthesis of Cyclodextrin Ketoesters and Epoxidation of Alkenes. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 2734-2739.                        | 1.2 | 32        |
| 24 | Artificial Glycosyl Phosphorylases. <i>Chemistry - A European Journal</i> , 2005, 11, 5094-5101.   | 1.7 | 40        |
| 25 | Cyclodextrins Containing an Acetone Bridge. Synthesis and Study as Epoxidation Catalysts.. <i>ChemInform</i> , 2005, 36, no.   | 0.1 | 0         |
| 26 | Supramolecular Oxidation of Anilines Using Hydrogen Peroxide as Stoichiometric Oxidant. <i>Journal of the American Chemical Society</i> , 2005, 127, 17578-17579.                      | 6.6 | 62        |
| 27 | Remarkable Supramolecular Catalysis of Glycoside Hydrolysis by a Cyclodextrin Cyanohydrin. <i>Journal of the American Chemical Society</i> , 2005, 127, 3238-3239.                     | 6.6 | 110       |
| 28 | An artificial enzyme that catalyzes hydrolysis of aryl glycosides. <i>Tetrahedron Letters</i> , 2004, 45, 8709-8711.   | 0.7 | 44        |
| 29 | Cyclodextrins containing an acetone bridge. Synthesis and study as epoxidation catalysts. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 3476.                                   | 1.5 | 46        |
| 30 | Intramolecular C-glycosylation of 2-O-benzylated pentenyl mannopyranosides: remarkable 1,2-trans stereoselectivity. <i>Tetrahedron Letters</i> , 2003, 44, 8971-8974.                  | 0.7 | 14        |
| 31 | Stereodirected Synthesis of Aryl C-Glycosides from 2-O-Arylsilyl-glucoopyranosides. <i>Organic Letters</i> , 2003, 5, 3763-3766.   | 2.4 | 18        |
| 32 | Synthesis of bergenin-related natural products by way of an intramolecular C-glycosylation reaction. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 409-412.                                | 1.8 | 23        |
| 33 | Synthesis of benzo[5,6]cyclohepta[b]indol-6-one derivatives. <i>Tetrahedron</i> , 1999, 55, 4341-4352.   | 1.0 | 19        |
| 34 | Aqueous zirconium-MOF syntheses assisted by cyclodextrin: towards deeper understanding of the beneficial role of cyclodextrin. <i>European Journal of Inorganic Chemistry</i> , 0, , . | 1.0 | 3         |