

Eric Masson

List of Publications by Year in descending order

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45
papers

1,740
citations

471509
17
h-index

289244
40
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all docs

45
docs citations

45
times ranked

2103
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Cucurbiturils mimicked by low polarizability solvents with pre-formed cavities: an empirical model to predict hydrocarbon selectivity. <i>Chemical Science</i> , 2022, 13, 4388-4396. | 7.4 | 5 |
| 2 | Microcavity-Modified Emission from Rare-Earth Ion-Based Molecular Complexes. <i>ACS Photonics</i> , 2022, 9, 2315-2321. | 6.6 | 7 |
| 3 | Design and recognition of cucurbituril-secured platinum-bound oligopeptides. <i>Chemical Science</i> , 2021, 12, 9962-9968. | 7.4 | 10 |
| 4 | Stuffed pumpkins: mechanochemical synthesis of host-guest complexes with cucurbit[7]uril. <i>Chemical Communications</i> , 2021, 57, 2132-2135. | 4.1 | 14 |
| 5 | Enhanced photoreduction of water catalyzed by a cucurbit[8]uril-secured platinum dimer. <i>Chemical Science</i> , 2021, 12, 15347-15352. | 7.4 | 4 |
| 6 | Impact of Disease and Treatment Response in Drug-Drug Interaction Studies: Osimertinib and Simvastatin in Advanced Non-Small Cell Lung Cancer. <i>Clinical and Translational Science</i> , 2020, 13, 41-46. | 3.1 | 2 |
| 7 | “Dual Layer” Self-Sorting with Cucurbiturils. <i>Journal of the American Chemical Society</i> , 2020, 142, 867-873. | 13.7 | 16 |
| 8 | Counterintuitive torsional barriers controlled by hydrogen bonding. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 20602-20611. | 2.8 | 0 |
| 9 | Large transition state stabilization from a weak hydrogen bond. <i>Chemical Science</i> , 2020, 11, 7487-7494. | 7.4 | 10 |
| 10 | 6th International Conference on Cucurbiturils (ICCB2019): Athens, Ohio, USA, July 21-24th. <i>Supramolecular Chemistry</i> , 2020, 32, 355-364. | 1.2 | 0 |
| 11 | Food Effect Study Design With Oral Drugs: Lessons Learned From Recently Approved Drugs in Oncology. <i>Journal of Clinical Pharmacology</i> , 2019, 59, 463-471. | 2.0 | 11 |
| 12 | Templating conformations with cucurbiturils. <i>Chemical Communications</i> , 2019, 55, 12160-12163. | 4.1 | 18 |
| 13 | Sequence-Specific Self-Assembly of Positive and Negative Monomers with Cucurbit[8]uril Linkers. <i>Journal of the American Chemical Society</i> , 2018, 140, 3371-3377. | 13.7 | 34 |
| 14 | Kinetics Inside, Outside and Through Cucurbiturils. <i>Israel Journal of Chemistry</i> , 2018, 58, 413-434. | 2.3 | 35 |
| 15 | Population exposure-safety analysis of cediranib for Phase I and II studies in patients with cancer. <i>British Journal of Clinical Pharmacology</i> , 2018, 84, 726-737. | 2.4 | 4 |
| 16 | Physiologically Based Pharmacokinetic Modeling to Evaluate the Systemic Exposure of Gefitinib in CYP2D6 Ultrarapid Metabolizers and Extensive Metabolizers. <i>Journal of Clinical Pharmacology</i> , 2018, 58, 485-493. | 2.0 | 14 |
| 17 | Harnessing Meta-analysis to Refine an Oncology Patient Population for Physiology-Based Pharmacokinetic Modeling of Drugs. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 103, 271-280. | 4.7 | 40 |
| 18 | Direct Evidence for the Origin of Bis-Gold Intermediates: Probing Gold Catalysis with Mass Spectrometry. <i>Chemistry - A European Journal</i> , 2018, 24, 2144-2150. | 3.3 | 7 |

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|----|---|------|-----------|
| 19 | Directional Self-Sorting with Cucurbit[8]uril Controlled by Allosteric and Metal-Metal Interactions. Chemistry - A European Journal, 2018, 24, 8670-8678. | 3.3 | 35 |
| 20 | Solvent Isotopic Effects on a Surfactant Headgroup at the Air-Liquid Interface. Journal of Physical Chemistry C, 2018, 122, 16079-16085. | 3.1 | 17 |
| 21 | Population pharmacokinetic and exposure simulation analysis for cediranib (AZD2171) in pooled Phase I/II studies in patients with cancer. British Journal of Clinical Pharmacology, 2017, 83, 1723-1733. | 2.4 | 8 |
| 22 | Development of a physiologically based pharmacokinetic model to predict the effects of flavin-containing monooxygenase 3 (FMO3) polymorphisms on itopride exposure. Biopharmaceutics and Drug Disposition, 2017, 38, 389-393. | 1.9 | 8 |
| 23 | Effect of Sustained Elevated Gastric pH Levels on Gefitinib Exposure. Clinical Pharmacology in Drug Development, 2017, 6, 517-523. | 1.6 | 13 |
| 24 | Clinical Pharmacokinetics and Pharmacodynamics of Cediranib. Clinical Pharmacokinetics, 2017, 56, 689-702. | 3.5 | 16 |
| 25 | Cucurbit[7]uril as a Supramolecular Artificial Enzyme for Diels-Alder Reactions. Angewandte Chemie - International Edition, 2017, 56, 15688-15692. | 13.8 | 84 |
| 26 | Cucurbit[7]uril as a Supramolecular Artificial Enzyme for Diels-Alder Reactions. Angewandte Chemie, 2017, 129, 15894-15898. | 2.0 | 29 |
| 27 | Probing Interactions between Hydrocarbons and Auxiliary Guests inside Cucurbit[8]uril. Organic Letters, 2017, 19, 4303-4306. | 4.6 | 12 |
| 28 | Food effect studies and drug label recommendations: A review of recently approved oncology products.. Journal of Clinical Oncology, 2017, 35, 2535-2535. | 1.6 | 26 |
| 29 | Evaluation of clinical endpoints as surrogates for overall survival in patients treated with immunotherapies.. Journal of Clinical Oncology, 2017, 35, e14557-e14557. | 1.6 | 7 |
| 30 | Model-based meta-analysis of safety for immune checkpoint inhibitor combinations and monotherapy.. Journal of Clinical Oncology, 2017, 35, 89-89. | 1.6 | 1 |
| 31 | Dynamic predictions of patient survival using longitudinal tumor size in non-small cell lung cancer: Approach towards personalized medicine.. Journal of Clinical Oncology, 2017, 35, e20606-e20606. | 1.6 | 0 |
| 32 | Evolving oncology clinical pharmacology strategies oncology: An analysis of approved small molecule cancer drugs by the FDA 2011-2016.. Journal of Clinical Oncology, 2017, 35, e18130-e18130. | 1.6 | 0 |
| 33 | Survival prediction using time-evolving tumor load: An approach to rationally design treatment sequencing, staging, and dosing strategies for oncology combinations.. Journal of Clinical Oncology, 2017, 35, e20040-e20040. | 1.6 | 0 |
| 34 | Water vs. cucurbituril rim: a fierce competition for guest solvation. Chemical Science, 2016, 7, 3569-3573. | 7.4 | 32 |
| 35 | Atropisomerization in Confined Space; Cucurbiturils as Tools to Determine the Torsional Barrier of Substituted Biphenyls. European Journal of Organic Chemistry, 2014, 2014, 105-110. | 2.4 | 8 |
| 36 | Stabilization of Cucurbituril/Guest Assemblies via Long-Range Coulombic and CH-...O Interactions. Journal of the American Chemical Society, 2014, 136, 6602-6607. | 13.7 | 72 |

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|----|---|-----|-----------|
| 37 | Cucurbit[8]uril recognition of rapidly interconverting diastereomers. <i>Supramolecular Chemistry</i> , 2014, 26, 632-641. | 1.2 | 9 |
| 38 | Torsional barriers of substituted biphenyls calculated using density functional theory: a benchmarking study. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2859. | 2.8 | 51 |
| 39 | Subtle "supramolecular buttressing effects" in Cucurbit[7]uril/guest assemblies. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 3116. | 2.8 | 11 |
| 40 | Cucurbituril Slippage: Cations as Supramolecular Lubricants. <i>Organic Letters</i> , 2012, 14, 4866-4869. | 4.6 | 29 |
| 41 | Cucurbituril chemistry: a tale of supramolecular success. <i>RSC Advances</i> , 2012, 2, 1213-1247. | 3.6 | 848 |
| 42 | "Supramolecular Circuitry": Three Chemiluminescent, Cucurbit[7]uril-Controlled On/Off Switches. <i>Organic Letters</i> , 2011, 13, 3872-3875. | 4.6 | 25 |
| 43 | Silver-Promoted Desilylation Catalyzed by Ortho- and Allosteric Cucurbiturils. <i>Organic Letters</i> , 2010, 12, 2310-2313. | 4.6 | 70 |
| 44 | Cucurbituril Slippage: Translation is a Complex Motion. <i>Organic Letters</i> , 2010, 12, 2730-2733. | 4.6 | 38 |
| 45 | Kinetic vs Thermodynamic Self-Sorting of Cucurbit[6]uril, Cucurbit[7]uril, and a Spermine Derivative. <i>Organic Letters</i> , 2009, 11, 3798-3801. | 4.6 | 60 |