

# Eric Masson

## List of Publications by Year in descending order

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45  
papers

1,740  
citations

471061

17  
h-index

288905

40  
g-index

45  
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.	3.7	5
2	Microcavity-Modified Emission from Rare-Earth Ion-Based Molecular Complexes. <i>ACS Photonics</i> , 2022, 9, 2315-2321.	3.2	7
3	Design and recognition of cucurbituril-secured platinum-bound oligopeptides. <i>Chemical Science</i> , 2021, 12, 9962-9968.	3.7	10
4	Stuffed pumpkins: mechanochemical synthesis of host-guest complexes with cucurbit[7]uril. <i>Chemical Communications</i> , 2021, 57, 2132-2135.	2.2	14
5	Enhanced photoreduction of water catalyzed by a cucurbit[8]uril-secured platinum dimer. <i>Chemical Science</i> , 2021, 12, 15347-15352.	3.7	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.	1.5	2
7	“Dual Layer” Self-Sorting with Cucurbiturils. <i>Journal of the American Chemical Society</i> , 2020, 142, 867-873.	6.6	16
8	Counterintuitive torsional barriers controlled by hydrogen bonding. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 20602-20611.	1.3	0
9	Large transition state stabilization from a weak hydrogen bond. <i>Chemical Science</i> , 2020, 11, 7487-7494.	3.7	10
10	6th International Conference on Cucurbiturils (ICCB2019): Athens, Ohio, USA, July 21-24th. <i>Supramolecular Chemistry</i> , 2020, 32, 355-364.	1.5	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.	1.0	11
12	Templating conformations with cucurbiturils. <i>Chemical Communications</i> , 2019, 55, 12160-12163.	2.2	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.	6.6	34
14	Kinetics Inside, Outside and Through Cucurbiturils. <i>Israel Journal of Chemistry</i> , 2018, 58, 413-434.	1.0	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.	1.1	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.	1.0	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.	2.3	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.	1.7	7

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19	Directional Self-Sorting with Cucurbit[8]uril Controlled by Allosteric $\pi$ - $\pi$ and Metal-Metal Interactions. <i>Chemistry - A European Journal</i> , 2018, 24, 8670-8678.	1.7	35
20	Solvent Isotopic Effects on a Surfactant Headgroup at the Air-Liquid Interface. <i>Journal of Physical Chemistry C</i> , 2018, 122, 16079-16085.	1.5	17
21	Population pharmacokinetic and exposure simulation analysis for cediranib (AZD2171) in pooled Phase I/II studies in patients with cancer. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 1723-1733.	1.1	8
22	Development of a physiologically based pharmacokinetic model to predict the effects of flavin-containing monooxygenase 3 (FMO3) polymorphisms on itopride exposure. <i>Biopharmaceutics and Drug Disposition</i> , 2017, 38, 389-393.	1.1	8
23	Effect of Sustained Elevated Gastric pH Levels on Gefitinib Exposure. <i>Clinical Pharmacology in Drug Development</i> , 2017, 6, 517-523.	0.8	13
24	Clinical Pharmacokinetics and Pharmacodynamics of Cediranib. <i>Clinical Pharmacokinetics</i> , 2017, 56, 689-702.	1.6	16
25	Cucurbit[7]uril as a Supramolecular Artificial Enzyme for Diels-Alder Reactions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15688-15692.	7.2	84
26	Cucurbit[7]uril as a Supramolecular Artificial Enzyme for Diels-Alder Reactions. <i>Angewandte Chemie</i> , 2017, 129, 15894-15898.	1.6	29
27	Probing Interactions between Hydrocarbons and Auxiliary Guests inside Cucurbit[8]uril. <i>Organic Letters</i> , 2017, 19, 4303-4306.	2.4	12
28	Food effect studies and drug label recommendations: A review of recently approved oncology products.. <i>Journal of Clinical Oncology</i> , 2017, 35, 2535-2535.	0.8	26
29	Evaluation of clinical endpoints as surrogates for overall survival in patients treated with immunotherapies.. <i>Journal of Clinical Oncology</i> , 2017, 35, e14557-e14557.	0.8	7
30	Model-based meta-analysis of safety for immune checkpoint inhibitor combinations and monotherapy.. <i>Journal of Clinical Oncology</i> , 2017, 35, 89-89.	0.8	1
31	Dynamic predictions of patient survival using longitudinal tumor size in non-small cell lung cancer: Approach towards personalized medicine.. <i>Journal of Clinical Oncology</i> , 2017, 35, e20606-e20606.	0.8	0
32	Evolving oncology clinical pharmacology strategies oncology: An analysis of approved small molecule cancer drugs by the FDA 2011-2016.. <i>Journal of Clinical Oncology</i> , 2017, 35, e18130-e18130.	0.8	0
33	Survival prediction using time-evolving tumor load: An approach to rationally design treatment sequencing, staging, and dosing strategies for oncology combinations.. <i>Journal of Clinical Oncology</i> , 2017, 35, e20040-e20040.	0.8	0
34	Water vs. cucurbituril rim: a fierce competition for guest solvation. <i>Chemical Science</i> , 2016, 7, 3569-3573.	3.7	32
35	Atropisomerization in Confined Space; Cucurbiturils as Tools to Determine the Torsional Barrier of Substituted Biphenyls. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 105-110.	1.2	8
36	Stabilization of Cucurbituril/Guest Assemblies via Long-Range Coulombic and CH $\cdots$ O Interactions. <i>Journal of the American Chemical Society</i> , 2014, 136, 6602-6607.	6.6	72

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37	Cucurbit[8]uril recognition of rapidly interconverting diastereomers. <i>Supramolecular Chemistry</i> , 2014, 26, 632-641.	1.5	9
38	Torsional barriers of substituted biphenyls calculated using density functional theory: a benchmarking study. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2859.	1.5	51
39	Subtle "supramolecular buttressing effects" in Cucurbit[7]uril/guest assemblies. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 3116.	1.5	11
40	Cucurbituril Slippage: Cations as Supramolecular Lubricants. <i>Organic Letters</i> , 2012, 14, 4866-4869.	2.4	29
41	Cucurbituril chemistry: a tale of supramolecular success. <i>RSC Advances</i> , 2012, 2, 1213-1247.	1.7	848
42	"Supramolecular Circuitry": Three Chemiluminescent, Cucurbit[7]uril-Controlled On/Off Switches. <i>Organic Letters</i> , 2011, 13, 3872-3875.	2.4	25
43	Silver-Promoted Desilylation Catalyzed by Ortho- and Allosteric Cucurbiturils. <i>Organic Letters</i> , 2010, 12, 2310-2313.	2.4	70
44	Cucurbituril Slippage: Translation is a Complex Motion. <i>Organic Letters</i> , 2010, 12, 2730-2733.	2.4	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.	2.4	60