Eric Masson

List of Publications by Year
in descending order

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	Cucurbituril chemistry: a tale of supramolecular success. RSC Advances, 2012, 2, 1213-1247.	1.7	848
2	Cucurbit[7]uril as a Supramolecular Artificial Enzyme for Dielsâ€“Alder Reactions. Angewandte Chemie - International Edition, 2017, 56, 15688-15692.	7.2	84
3	Stabilization of Cucurbituril/Guest Assemblies via Long-Range Coulombic and CHÂ·Â·Â·O Interactions. Journal of the American Chemical Society, 2014, 136, 6602-6607.	6.6	72
4	Silver-Promoted Desilylation Catalyzed by Ortho- and Allosteric Cucurbiturils. Organic Letters, 2010, 12, 2310-2313.	2.4	70
5	Kinetic vs Thermodynamic Self-Sorting of Cucurbit[6]uril, Cucurbit[7]uril, and a Spermine Derivative. Organic Letters, 2009, 11, 3798-3801.	2.4	60
6	Torsional barriers of substituted biphenyls calculated using density functional theory: a benchmarking study. Organic and Biomolecular Chemistry, 2013, 11, 2859.	1.5	51
7	Harnessing Metaâ€analysis to Refine an Oncology Patient Population for Physiologyâ€Based Pharmacokinetic Modeling of Drugs. Clinical Pharmacology and Therapeutics, 2018, 103, 271-280.	2.3	40
8	Cucurbituril Slippage: Translation is a Complex Motion. Organic Letters, 2010, 12, 2730-2733.	2.4	38
9	Kinetics Inside, Outside and Through Cucurbiturils. Israel Journal of Chemistry, 2018, 58, 413-434.	1.0	35
10	Directional Selfâ€Sorting with Cucurbit[8]uril Controlled by Allosteric Ï€â€“Ï€ and Metalâ€“Metal Interactions. Chemistry - A European Journal, 2018, 24, 8670-8678.	1.7	35
11	Sequence-Specific Self-Assembly of Positive and Negative Monomers with Cucurbit[8]uril Linkers. Journal of the American Chemical Society, 2018, 140, 3371-3377.	6.6	34
12	Water vs. cucurbituril rim: a fierce competition for guest solvation. Chemical Science, 2016, 7, 3569-3573.	3.7	32
13	Cucurbituril Slippage: Cations as Supramolecular Lubricants. Organic Letters, 2012, 14, 4866-4869.	2.4	29
14	Cucurbit[7]uril as a Supramolecular Artificial Enzyme for Dielsâ€“Alder Reactions. Angewandte Chemie, 2017, 129, 15894-15898.	1.6	29
15	Food effect studies and drug label recommendations: A review of recently approved oncology products.. Journal of Clinical Oncology, 2017, 35, 2535-2535.	0.8	26
16	â€œSupramolecular Circuitryâ€: Three Chemiluminescent, Cucurbit[7]uril-Controlled On/Off Switches. Organic Letters, 2011, 13, 3872-3875.	2.4	25
17	Templating conformations with cucurbiturils. Chemical Communications, 2019, 55, 12160-12163.	2.2	18
18	Solvent Isotopic Effects on a Surfactant Headgroup at the Airâ€“Liquid Interface. Journal of Physical Chemistry C, 2018, 122, 16079-16085.	1.5	17

#	Article	IF	Citations
19	Clinical Pharmacokinetics and Pharmacodynamics of Cediranib. Clinical Pharmacokinetics, 2017, 56, 689-702.	1.6	16
20	â€œDual Layerâ€•Self-Sorting with Cucurbiturils. Journal of the American Chemical Society, 2020, 142, 867-873.	6.6	16
21	Physiologically Based Pharmacokinetic Modeling to Evaluate the Systemic Exposure of Gefitinib in CYP2D6 Ultrarapid Metabolizers and Extensive Metabolizers. Journal of Clinical Pharmacology, 2018, 58, 485-493.	1.0	14
22	Stuffed pumpkins: mechanochemical synthesis of hostâ€“guest complexes with cucurbit[7]uril. Chemical Communications, 2021, 57, 2132-2135.	2.2	14
23	Effect of Sustained Elevated Gastric pH Levels on Gefitinib Exposure. Clinical Pharmacology in Drug Development, 2017, 6, 517-523.	0.8	13
24	Probing Interactions between Hydrocarbons and Auxiliary Guests inside Cucurbit[8]uril. Organic Letters, 2017, 19, 4303-4306.	2.4	12
25	Subtle â€œsupramolecular buttressing effectsâ€•in Cucurbit[7]uril/guest assemblies. Organic and Biomolecular Chemistry, 2013, 11, 3116.	1.5	11
26	Food Effect Study Design With Oral Drugs: Lessons Learned From Recently Approved Drugs in Oncology. Journal of Clinical Pharmacology, 2019, 59, 463-471.	1.0	11
27	Large transition state stabilization from a weak hydrogen bond. Chemical Science, 2020, 11, 7487-7494.	3.7	10
28	Design and recognition of cucurbituril-secured platinum-bound oligopeptides. Chemical Science, 2021, 12, 9962-9968.	3.7	10
29	Cucurbit[8]uril recognition of rapidly interconverting diastereomers. Supramolecular Chemistry, 2014, 26, 632-641.	1.5	9
30	Atropisomerization in Confined Space; Cucurbiturils as Tools to Determine the Torsional Barrier of Substituted Biphenyls. European Journal of Organic Chemistry, 2014, 2014, 105-110.	1.2	8
31	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.	1.1	8
32	Development of a physiologically based pharmacokinetic model to predict the effects of flavinâ€containing monooxygenase 3 (FMO3) polymorphisms on itopride exposure. Biopharmaceutics and Drug Disposition, 2017, 38, 389-393.	1.1	8
33	Direct Evidence for the Origin of Bisâ€Gold Intermediates: Probing Gold Catalysis with Mass Spectrometry. Chemistry - A European Journal, 2018, 24, 2144-2150.	1.7	7
34	Evaluation of clinical endpoints as surrogates for overall survival in patients treated with immunotherapies.. Journal of Clinical Oncology, 2017, 35, e14557-e14557.	0.8	7
35	Microcavity-Modified Emission from Rare-Earth Ion-Based Molecular Complexes. ACS Photonics, 2022, 9, 2315-2321.	3.2	7
36	Cucurbiturils mimicked by low polarizability solvents with pre-formed cavities: an empirical model to predict hydrocarbon selectivity. Chemical Science, 2022, 13, 4388-4396.	3.7	5

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37	Population exposureâ€“safety analysis of cediranib for Phase I and II studies in patients with cancer. British Journal of Clinical Pharmacology, 2018, 84, 726-737.	1.1	4
38	Enhanced photoreduction of water catalyzed by a cucurbit[8]uril-secured platinum dimer. Chemical Science, 2021, 12, 15347-15352.	3.7	4
39	Impact of Disease and Treatment Response in Drugâ€“Drug Interaction Studies: Osimertinib and Simvastatin in Advanced Nonâ€Small Cell Lung Cancer. Clinical and Translational Science, 2020, 13, 41-46.	1.5	2
40	Model-based meta-analysis of safety for immune checkpoint inhibitor combinations and monotherapy.. Journal of Clinical Oncology, 2017, 35, 89-89.	0.8	1
41	Counterintuitive torsional barriers controlled by hydrogen bonding. Physical Chemistry Chemical Physics, 2020, 22, 20602-20611.	1.3	0
42	6th International Conference on Cucurbiturils (ICCB2019): Athens, Ohio, USA, July 21-24th. Supramolecular Chemistry, 2020, 32, 355-364.	1.5	0
43	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.	0.8	0
44	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.	0.8	0
45	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.	0.8	0