

# James I Murray

## List of Publications by Year in descending order

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14  
papers

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citations

1040056

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1125743

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17  
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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetic Resolution of 2-Substituted Indolines by N-Sulfonylation using an Atropisomeric 4-MAPN-oxide Organocatalyst. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5760-5764.	13.8	48
2	Highly efficient and selective phosphorylation of amino acid derivatives and polyols catalysed by 2-aryl-4-(dimethylamino)pyridine-N-oxides towards kinase-like reactivity. <i>Chemical Communications</i> , 2014, 50, 13608-13611.	4.1	47
3	Highly Modular Synthesis of 1,2-Diketones via Multicomponent Coupling Reactions of Isocyanides as CO Equivalents. <i>ACS Catalysis</i> , 2019, 9, 4508-4515.	11.2	36
4	Amines vs. N-Oxides as Organocatalysts for Acylation, Sulfonylation and Silylation of Alcohols: 1-Methylimidazole N-Oxide as an Efficient Catalyst for Silylation of Tertiary Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3825-3830.	4.3	27
5	Organocatalytic Phosphorylation of Alcohols Using Pyridine-N-oxide. <i>Synlett</i> , 2015, 26, 985-990.	1.8	25
6	Isotopically Directed Symmetry Breaking and Enantioenrichment in Attrition-Enhanced Deracemization. <i>Journal of the American Chemical Society</i> , 2020, 142, 3873-3879.	13.7	17
7	Kinetic Resolution of 2-Substituted Indolines by N-Sulfonylation using an Atropisomeric 4-MAPN-oxide Organocatalyst. <i>Angewandte Chemie</i> , 2017, 129, 5854-5858.	2.0	12
8	Kinetic Investigations To Enable Development of a Robust Radical Benzylic Bromination for Commercial Manufacturing of AMG 423 Dihydrochloride Hydrate. <i>Organic Process Research and Development</i> , 2020, 24, 1523-1530.	2.7	11
9	ipso Nitration of Aryl Boronic Acids Using Fuming Nitric Acid. <i>Journal of Organic Chemistry</i> , 2022, 87, 1977-1985.	3.2	11
10	Development of a Continuous Photochemical Bromination/Alkylation Sequence En Route to AMG 423. <i>Organic Process Research and Development</i> , 2022, 26, 458-466.	2.7	9
11	Hazard Evaluation and Safety Considerations for Scale-Up of a Fuming Nitric Acid Mediated Nitration of Aryl Boronic Acids. <i>Organic Process Research and Development</i> , 2022, 26, 657-660.	2.7	7
12	Alternative synthetic tools to phospho-specific antibodies for phosphoproteome analysis: progress and prospects. <i>Journal of Chemical Biology</i> , 2013, 6, 175-184.	2.2	4
13	Synthesis of Substituted Pyridines via Formal (3+3) Cycloaddition of Enamines with Unsaturated Aldehydes and Ketones. <i>Journal of Organic Chemistry</i> , 2022, 87, 8437-8444.	3.2	4
14	Crystal structure of 1-methylimidazole 3-oxide monohydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 372-374.	0.5	0