

# Zachary E X Dance

## List of Publications by Year in descending order

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16  
papers

811  
citations

1039880

9  
h-index

996849

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

991  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery and Development of an Unusual Organocatalyst for the Conversion of Thymidine to Furanoid Glycal. <i>Organic Process Research and Development</i> , 2022, 26, 730-744.	1.3	4
2	Manufacturing Process Development for Belzutifan, Part 4: Nitrogen Flow Criticality for Transfer Hydrogenation Control. <i>Organic Process Research and Development</i> , 2022, 26, 533-542.	1.3	18
3	Diverse Catalytic Reactions for the Stereoselective Synthesis of Cyclic Dinucleotide MK-1454. <i>Journal of the American Chemical Society</i> , 2022, 144, 5855-5863.	6.6	30
4	A kinase-cGAS cascade to synthesize a therapeutic STING activator. <i>Nature</i> , 2022, 603, 439-444.	13.7	58
5	Investigation of Lithium Acetyl Phosphate Synthesis Using Process Analytical Technology. <i>Organic Process Research and Development</i> , 2021, 25, 1402-1413.	1.3	10
6	Development of a Green and Sustainable Manufacturing Process for Gefapixant Citrate (MK-7264) Part 3: Development of a One-Pot Formylation-Cyclization Sequence to the Diaminopyrimidine Core. <i>Organic Process Research and Development</i> , 2020, 24, 2462-2477.	1.3	10
7	Raman hyperspectral imaging with multivariate analysis for investigating enzyme immobilization. <i>Analyst</i> , 2020, 145, 7571-7581.	1.7	19
8	Quantitative Perspective on Online Flow Reaction Profiling Using a Miniature Mass Spectrometer. <i>Organic Process Research and Development</i> , 2020, 24, 2611-2618.	1.3	3
9	Component Quantification in Solids with the Mixture Analysis Using References Method. <i>Analytical Chemistry</i> , 2020, 92, 11095-11102.	3.2	3
10	Kinetics, Thermodynamics, and Scale-Up of an Azeotropic Drying Process: Mapping Rapid Phase Conversion with Process Analytical Technology. <i>Organic Process Research and Development</i> , 2020, 24, 1665-1674.	1.3	3
11	Spin-Selective Charge Transport Pathways through <i>p</i> -Oligophenylene-Linked Donor-Bridge-Acceptor Molecules. <i>Journal of the American Chemical Society</i> , 2009, 131, 17655-17666.	6.6	83
12	Direct Observation of the Preference of Hole Transfer over Electron Transfer for Radical Ion Pair Recombination in Donor-Bridge-Acceptor Molecules. <i>Journal of the American Chemical Society</i> , 2008, 130, 830-832.	6.6	69
13	Intersystem Crossing Mediated by Photoinduced Intramolecular Charge Transfer: % Julolidine-Anthracene Molecules with Perpendicular $\pi$ Systems. <i>Journal of Physical Chemistry A</i> , 2008, 112, 4194-4201.	1.1	259
14	Photoinduced charge separation in self-assembled cofacial pentamers of zinc-5,10,15,20-tetrakis(peryleneimide)porphyrin. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 1469.	1.3	64
15	Time-Resolved EPR Studies of Photogenerated Radical Ion Pairs Separated by <i>p</i> -Phenylene Oligomers and of Triplet States Resulting from Charge Recombination. <i>Journal of Physical Chemistry B</i> , 2006, 110, 25163-25173.	1.2	175
16	Development of a Practical Manufacturing Process to Relebactam via Thorough Understanding of the Origin and Control of Oligomeric Impurities. <i>Organic Process Research and Development</i> , 0, , .	1.3	3