

# Michael A Lovette

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5147041/publications.pdf>

Version: 2024-02-01

12  
papers

671  
citations

1040056

9  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

753  
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal Shape Engineering. <i>Industrial &amp; Engineering Chemistry Research</i> , 2008, 47, 9812-9833.	3.7	299
2	Needle-Shaped Crystals: Causality and Solvent Selection Guidance Based on Periodic Bond Chains. <i>Crystal Growth and Design</i> , 2013, 13, 3341-3352.	3.0	85
3	Predictive Modeling of Supersaturation-Dependent Crystal Shapes. <i>Crystal Growth and Design</i> , 2012, 12, 656-669.	3.0	77
4	Perspectives on the Current State, Challenges, and Opportunities in Pharmaceutical Crystallization Process Development. <i>Crystal Growth and Design</i> , 2020, 20, 7568-7581.	3.0	65
5	Crystal shape modification through cycles of dissolution and growth: Attainable regions and experimental validation. <i>AIChE Journal</i> , 2012, 58, 1465-1474.	3.6	49
6	Multisite models to determine the distribution of kink sites adjacent to low-energy edges. <i>Physical Review E</i> , 2012, 85, 021604.	2.1	23
7	Kink Rate Model for the General Case of Organic Molecular Crystals. <i>Crystal Growth and Design</i> , 2014, 14, 2460-2467.	3.0	22
8	Continuous Process Improvement in the Manufacture of Carfilzomib, Part 2: An Improved Process for Synthesis of the Epoxyketone Warhead. <i>Organic Process Research and Development</i> , 2020, 24, 490-499.	2.7	20
9	Reinterpreting edge energies calculated from crystal growth experiments. <i>Journal of Crystal Growth</i> , 2011, 327, 117-126.	1.5	15
10	Implementing Continuous Manufacturing for the Final Methylation Step in the AMG 397 Process to Deliver Key Quality Attributes. <i>Organic Process Research and Development</i> , 2021, 25, 486-499.	2.7	11
11	Chiral control of enantiomers through crystallization: Moving from ternary phase diagrams to design spaces. <i>AIChE Journal</i> , 2018, 64, 3323-3331.	3.6	3
12	Solubility Model to Guide Solvent Selection in Synthetic Process Development. <i>Crystal Growth and Design</i> , 2022, 22, 4404-4420.	3.0	2