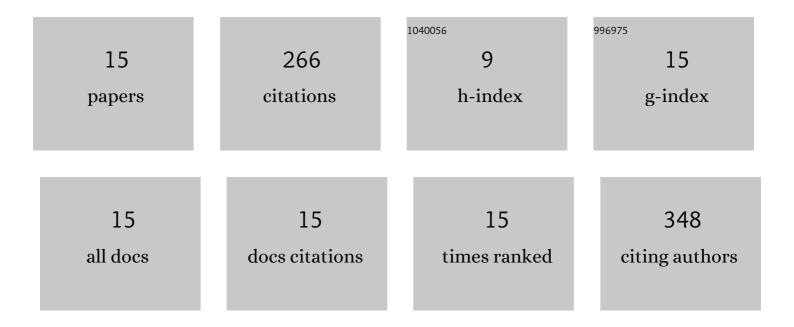
## Andrew Koswara

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6515332/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	High-throughput screening of organic reactions in microdroplets using desorption electrospray ionization mass spectrometry (DESI-MS): hardware and software implementation. Analytical Methods, 2020, 12, 3654-3669.	2.7	32
2	Application of feedback control and in situ milling to improve particle size and shape in the crystallization of a slow growing needle-like active pharmaceutical ingredient. International Journal of Pharmaceutics, 2017, 533, 49-61.	5.2	31
3	Mass spectrometric directed system for the continuous-flow synthesis and purification of diphenhydramine. Chemical Science, 2017, 8, 4363-4370.	7.4	30
4	Encrustation in Continuous Pharmaceutical Crystallization Processes—A Review. Organic Process Research and Development, 2019, 23, 1134-1142.	2.7	29
5	Anti-Fouling Control of Plug-Flow Crystallization via Heating and Cooling Cycle. IFAC-PapersOnLine, 2015, 48, 193-198.	0.9	24
6	Application of Ultra-Performance Liquid Chromatography as an Online Process Analytical Technology Tool in Pharmaceutical Crystallization. Crystal Growth and Design, 2016, 16, 7074-7082.	3.0	23
7	Solubility curves and nucleation rates from molecular dynamics for polymorph prediction – moving beyond lattice energy minimization. Physical Chemistry Chemical Physics, 2017, 19, 5285-5295.	2.8	23
8	Molecular Dynamics Electric Field Crystallization Simulations of Paracetamol Produce a New Polymorph. Crystal Growth and Design, 2017, 17, 3751-3765.	3.0	23
9	Nanocrystal Dissolution Kinetics and Solubility Increase Prediction from Molecular Dynamics: The Case of α-, β-, and γ-Glycine. Molecular Pharmaceutics, 2017, 14, 1023-1032.	4.6	18
10	ON–OFF Feedback Control of Plug-Flow Crystallization: A Case of Quality-by-Control in Continuous Manufacturing. IEEE Life Sciences Letters, 2017, 3, 1-4.	1.2	8
11	Robustness of controlled quantum dynamics. Physical Review A, 2014, 90, .	2.5	7
12	Quantum robust control theory for Hamiltonian and control field uncertainty*. New Journal of Physics, 2021, 23, 063046.	2.9	7
13	Piezoelectric-based high performance spray solvent delivery system for desorption electrospray ionization mass spectrometry: Systematic design and case studies for high throughput screening of N-alkylation reactions. Chemical Engineering Science, 2019, 195, 1010-1020.	3.8	6
14	Robust control of quantum dynamics under input and parameter uncertainty. Physical Review A, 2021, 104, .	2.5	4
15	Robust observable control of open and closed quantum systems. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 225301.	2.1	1