

# Fazel Bateni

## List of Publications by Year in descending order

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15  
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#	ARTICLE	IF	CITATIONS
1	CsPbI <sub>3</sub> Nanocrystals Go with the Flow: From Formation Mechanism to Continuous Nanomanufacturing. <i>Advanced Functional Materials</i> , 2022, 32, 2108687.	14.9	21
2	CsPbI <sub>3</sub> Nanocrystals Go with the Flow: From Formation Mechanism to Continuous Nanomanufacturing (Adv. Funct. Mater. 6/2022). <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	0
3	Autonomous Nanocrystal Doping by Self-Driving Fluidic Micro-Processors. <i>Advanced Intelligent Systems</i> , 2022, 4, .	6.1	16
4	Autonomous Nanocrystal Doping by Self-Driving Fluidic Micro-Processors. <i>Advanced Intelligent Systems</i> , 2022, 4, .	6.1	5
5	Electrochemical oxidative valorization of lignin by the nanostructured PbO <sub>2</sub> /MWNTs electrocatalyst in a low-energy depolymerization process. <i>Journal of Applied Electrochemistry</i> , 2021, 51, 65-78.	2.9	16
6	Self-Driven Multistep Quantum Dot Synthesis Enabled by Autonomous Robotic Experimentation in Flow. <i>Advanced Intelligent Systems</i> , 2021, 3, 2000245.	6.1	58
7	Self-Driven Multistep Quantum Dot Synthesis Enabled by Autonomous Robotic Experimentation in Flow. <i>Advanced Intelligent Systems</i> , 2021, 3, 2170022.	6.1	0
8	Ultrafast cation doping of perovskite quantum dots in flow. <i>Matter</i> , 2021, 4, 2429-2447.	10.0	20
9	Flow Synthesis of Metal Halide Perovskite Quantum Dots: From Rapid Parameter Space Mapping to AI-Guided Modular Manufacturing. <i>Matter</i> , 2020, 3, 1053-1086.	10.0	45
10	Microfluidic Synthesis of Semiconductor Materials: Toward Accelerated Materials Development in Flow. <i>Particle and Particle Systems Characterization</i> , 2020, 37, 2000256.	2.3	31
11	Simultaneous Hydrogen Evolution and Lignin Depolymerization using NiSn Electrocatalysts in a Biomass-Depolarized Electrolyzer. <i>Journal of the Electrochemical Society</i> , 2020, 167, 043502.	2.9	16
12	Biomass-Depolarized Electrolysis. <i>Journal of the Electrochemical Society</i> , 2019, 166, E317-E322.	2.9	15
13	Low-Cost Nanostructured Electrocatalysts for Hydrogen Evolution in an Anion Exchange Membrane Lignin Electrolysis Cell. <i>Journal of the Electrochemical Society</i> , 2019, 166, F1037-F1046.	2.9	20
14	Biorefinery of Safflower Seeds in a Sequential Process for Effective Use of the Substrate for Biofuel Production. <i>Waste and Biomass Valorization</i> , 2018, 9, 2145-2155.	3.4	12
15	Effects of Oil Extraction on Ethanol and Biogas Production from <i>Eruca sativa</i> Seed Cake. <i>Waste and Biomass Valorization</i> , 2017, 8, 1897-1905.	3.4	14