

# Amirreza Khataee

## List of Publications by Year in descending order

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13  
papers

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citations

933447

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1125743

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Solar Charging of an Organic-Inorganic, Stable, and Aqueous Alkaline Redox Flow Battery with a Hematite Photoanode. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7142-7147.	13.8	95
2	Kinetic modeling of photoassisted-electrochemical process for degradation of an azo dye using boron-doped diamond anode and cathode with carbon nanotubes. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 1890-1894.	5.8	61
3	Differential pH as a method for increasing cell potential in organic aqueous flow batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 21875-21882.	10.3	55
4	Kinetics and Mechanism of Enhanced Photocatalytic Activity under Visible Light Using Synthesized Pr <sub>2</sub> Cd <sub>1-x</sub> Se Nanoparticles. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 13357-13369.	3.7	50
5	Integrated design of hematite and dye-sensitized solar cell for unbiased solar charging of an organic-inorganic redox flow battery. <i>Nano Energy</i> , 2019, 62, 832-843.	16.0	39
6	Electrochemical Treatment of Dye Solution by Oxalate Catalyzed Photoelectro-Fenton Process Using a Carbon Nanotube-PTFE Cathode: Optimization by Central Composite Design. <i>Clean - Soil, Air, Water</i> , 2011, 39, 482-490.	1.1	38
7	Performance Optimization of Differential pH Quinone-Bromide Redox Flow Battery. <i>Journal of the Electrochemical Society</i> , 2018, 165, A3918-A3924.	2.9	35
8	Asymmetric cycling of vanadium redox flow batteries with a poly(arylene piperidinium)-based anion exchange membrane. <i>Journal of Power Sources</i> , 2021, 483, 229202.	7.8	26
9	Anion exchange membrane water electrolysis using Aemion <sup>®</sup> membranes and nickel electrodes. <i>Journal of Materials Chemistry A</i> , 2022, 10, 16061-16070.	10.3	25
10	Removal of sodium azide from aqueous solution by Fenton-like process using natural laterite as a heterogeneous catalyst: Kinetic modeling based on nonlinear regression analysis. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 2664-2672.	5.3	23
11	Vanadium Redox Flow Battery Using Aemion <sup>®</sup> Anion Exchange Membranes. <i>Processes</i> , 2022, 10, 270.	2.8	9
12	Direct Solar Charging of an Organic-Inorganic, Stable, and Aqueous Alkaline Redox Flow Battery with a Hematite Photoanode. <i>Angewandte Chemie</i> , 2016, 128, 7258-7263.	2.0	8
13	Battery Concepts in Physical Chemistry: Making Your Own Organic-Inorganic Battery. <i>Journal of Chemical Education</i> , 2019, 96, 1465-1471.	2.3	7