

# Arun S Asundi

## List of Publications by Year in descending order

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docs citations

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372  
citing authors

#	ARTICLE	IF	CITATIONS
1	Opportunities for Atomic Layer Deposition in Emerging Energy Technologies. ACS Energy Letters, 2019, 4, 908-925.	17.4	81
2	Understanding Structure–Property Relationships of MoO <sub>3</sub> -Promoted Rh Catalysts for Syngas Conversion to Alcohols. Journal of the American Chemical Society, 2019, 141, 19655-19668.	13.7	41
3	Role of Co <sub>2</sub> C in ZnO-promoted Co Catalysts for Alcohol Synthesis from Syngas. ChemCatChem, 2019, 11, 799-809.	3.7	26
4	Bridging Thermal Catalysis and Electrocatalysis: Catalyzing CO <sub>2</sub> Conversion with Carbon-Based Materials. Angewandte Chemie - International Edition, 2021, 60, 17472-17480.	13.8	21
5	Monolayer Support Control and Precise Colloidal Nanocrystals Demonstrate Metal–Support Interactions in Heterogeneous Catalysts. Advanced Materials, 2021, 33, e2104533.	21.0	13
6	Steering CO <sub>2</sub> hydrogenation toward C–C coupling to hydrocarbons using porous organic polymer/metal interfaces. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	13
7	The Role of Sodium in Tuning Product Distribution in Syngas Conversion by Rh Catalysts. Catalysis Letters, 2018, 148, 289-297.	2.6	12
8	Enhanced alcohol production over binary Mo/Co carbide catalysts in syngas conversion. Journal of Catalysis, 2020, 391, 446-458.	6.2	12
9	Impurity Control in Catalyst Design: The Role of Sodium in Promoting and Stabilizing Co and Co <sub>2</sub> C for Syngas Conversion. ChemCatChem, 2021, 13, 1186-1194.	3.7	6
10	Understanding Support Effects of ZnO-promoted Co Catalysts for Syngas Conversion to Alcohols Using Atomic Layer Deposition. ChemCatChem, 2021, 13, 770-781.	3.7	4
11	Modulating the optoelectronic properties of hybrid Mo-thiolate thin films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2022, 40, .	2.1	3
12	Identifying higher oxygenate synthesis sites in Cu catalysts promoted and stabilized by atomic layer deposited Fe <sub>2</sub> O <sub>3</sub> . Journal of Catalysis, 2021, 404, 210-223.	6.2	2
13	Bridging Thermal Catalysis and Electrocatalysis: Catalyzing CO <sub>2</sub> Conversion with Carbon-Based Materials. Angewandte Chemie, 2021, 133, 17613-17621.	2.0	1