

Arun S Asundi

List of Publications by Year in descending order

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13
papers

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1163117

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docs citations

14
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372
citing authors

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