

Amol U Pawar

List of Publications by Year in descending order

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papers

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1163117

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582
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamically controlled photo-electrochemical CO ₂ reduction at Cu/rGO/PVP/Nafion multi-layered dark cathode for selective production of formaldehyde and acetaldehyde. Applied Catalysis B: Environmental, 2022, 303, 120921.	20.2	17
2	Selective liquid chemicals on CO ₂ reduction by energy level tuned rGO/TiO ₂ dark cathode with BiVO ₄ photoanode. Applied Catalysis B: Environmental, 2021, 295, 120267.	20.2	11
3	Electrodeposited CuAgHg Multimetallic Thin Films for Improved CO ₂ Conversion: the Dramatic Impact of Hg Incorporation on Product Selectivity. ACS Applied Energy Materials, 2020, 3, 6670-6677.	5.1	17
4	Selective Alcohol on Dark Cathodes by Photoelectrochemical CO ₂ Valorization and Their In Situ Characterization. ACS Energy Letters, 2019, 4, 1549-1555.	17.4	15
5	General Review on the Components and Parameters of Photoelectrochemical System for CO ₂ Reduction with in Situ Analysis. ACS Sustainable Chemistry and Engineering, 2019, 7, 7431-7455.	6.7	87
6	Crystal facet engineering of ZnO photoanode for the higher water splitting efficiency with proton transferable nafion film. Nano Energy, 2016, 20, 156-167.	16.0	99
7	Formation of a CdO Layer on CdS/ZnO Nanorod Arrays to Enhance their Photoelectrochemical Performance. ChemSusChem, 2014, 7, 3505-3512.	6.8	25
8	One-step transformation of Cu to Cu ₂ O in alkaline solution. RSC Advances, 2014, 4, 18616.	3.6	48