

Varisara Deerattrakul

List of Publications by Year in descending order

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9
papers

265
citations

1307594

7
h-index

1474206

9
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9
all docs

9
docs citations

9
times ranked

309
citing authors

#	ARTICLE	IF	CITATIONS
1	CO ₂ hydrogenation to methanol using Cu-Zn catalyst supported on reduced graphene oxide nanosheets. <i>Journal of CO₂ Utilization</i> , 2016, 16, 104-113.	6.8	104
2	The roles of nitrogen species on graphene aerogel supported Cu-Zn as efficient catalysts for CO ₂ hydrogenation to methanol. <i>Applied Catalysis A: General</i> , 2019, 580, 46-52.	4.3	33
3	Controlling the flake size of bifunctional 2D WSe ₂ nanosheets as flexible binders and supercapacitor materials. <i>Nanoscale Advances</i> , 2021, 3, 653-660.	4.6	30
4	Characterization of supported Cu-Zn/graphene aerogel catalyst for direct CO ₂ hydrogenation to methanol: Effect of hydrothermal temperature on graphene aerogel synthesis. <i>Catalysis Today</i> , 2018, 314, 154-163.	4.4	27
5	Influence of reduction time of catalyst on methanol synthesis via CO ₂ hydrogenation using Cu ⁰ /Zn/N-rGO investigated by in situ XANES. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 80, 495-502.	5.3	24
6	Enhancing the Dispersion of Cu-Ni Metals on the Graphene Aerogel Support for Use as a Catalyst in the Direct Synthesis of Dimethyl Carbonate from Carbon Dioxide and Methanol. <i>ACS Omega</i> , 2020, 5, 12391-12397.	3.5	20
7	The electrochemistry of size dependent graphene <i>via</i> liquid phase exfoliation: capacitance and ionic transport. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 11616-11623.	2.8	11
8	Auto-oxidation of exfoliated MoS ₂ in N-methyl-2-pyrrolidone: from 2D nanosheets to 3D nanorods. <i>New Journal of Chemistry</i> , 2022, 46, 747-755.	2.8	9
9	Carbon dioxide hydrogenation to methanol over polybenzoxazine-based mesocarbon supported Cu ⁰ /Zn catalyst. <i>New Journal of Chemistry</i> , 2021, 45, 8283-8290.	2.8	7