

Yi Dong

List of Publications by Year in descending order

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11
papers

245
citations

1039880

9
h-index

1281743

11
g-index

11
all docs

11
docs citations

11
times ranked

258
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Observation of Molecular Preorganization for Chirality Transfer on a Catalyst Surface. <i>Science</i> , 2011, 334, 776-780.	6.0	84
2	Stereodirection of an $\hat{\pm}$ -Ketoester at Sub-molecular Sites on Chirally Modified Pt(111): Heterogeneous Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , 2013, 135, 9999-10002.	6.6	37
3	Monitoring interconversion between stereochemical states in single chirality-transfer complexes on a platinum surface. <i>Nature Chemistry</i> , 2017, 9, 531-536.	6.6	25
4	Structure and Dynamics of Individual Diastereomeric Complexes on Platinum: Surface Studies Related to Heterogeneous Enantioselective Catalysis. <i>Accounts of Chemical Research</i> , 2017, 50, 1163-1170.	7.6	20
5	Walking-like diffusion of two-footed asymmetric aromatic adsorbates on Pt(111). <i>Surface Science</i> , 2014, 629, 123-131.	0.8	19
6	Single-chiral-catalytic-surface-sites: STM and DFT study of stereodirecting complexes formed between (R)-1-(1-naphthyl)ethylamine and ketopantolactone on Pt(111). <i>Catalysis Science and Technology</i> , 2015, 5, 743-753.	2.1	15
7	STM Study of Ketopantolactone/(<i>R</i>)-1-(1-Naphthyl)ethylamine Complexes on Pt(111): Comparison of Prochiral and Enantiomeric Ratios and Examination of the Contribution of CH $\cdot\cdot\cdot$ OC Bonding. <i>ACS Catalysis</i> , 2017, 7, 1757-1765.	5.5	11
8	Scanning Tunneling Microscopy Measurements of the Full Cycle of a Heterogeneous Asymmetric Hydrogenation Reaction on Chirally Modified Pt(111). <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 92-96.	2.1	10
9	Isolating a Reaction Intermediate in the Hydrogenation of 2,2,2-Trifluoroacetophenone on Pt(111). <i>Journal of Physical Chemistry C</i> , 2015, 119, 7319-7326.	1.5	10
10	A comparative study of diastereomeric complexes formed by a prochiral substrate and three structurally analogous chiral molecules on Pt(111). <i>Surface Science</i> , 2016, 646, 13-18.	0.8	9
11	Weak interactions in the assembly of strongly chemisorbed molecules. <i>Chemical Communications</i> , 2011, 47, 9113.	2.2	5