

Jun-Kun Lai

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Perspective on the Selective Catalytic Reduction (SCR) of NO with NH ₃ by Supported V ₂ O ₅ –WO ₃ /TiO ₂ Catalysts. ACS Catalysis, 2018, 8, 6537-6551.	11.2	342
2	Nature of Active Sites and Surface Intermediates during SCR of NO with NH ₃ by Supported V ₂ O ₅ –WO ₃ /TiO ₂ Catalysts. Journal of the American Chemical Society, 2017, 139, 15624-15627.	13.7	266
3	Mechanism by which Tungsten Oxide Promotes the Activity of Supported V ₂ O ₅ /TiO ₂ Catalysts for NO _x Abatement: Structural Effects Revealed by ⁵¹ V MAS NMR Spectroscopy. Angewandte Chemie - International Edition, 2019, 58, 12609-12616.	13.8	96
4	Reaction Pathways and Kinetics for Selective Catalytic Reduction (SCR) of Acidic NO _x Emissions from Power Plants with NH ₃ . ACS Catalysis, 2017, 7, 8358-8361.	11.2	78
5	Formation of N ₂ O greenhouse gas during SCR of NO with NH ₃ by supported vanadium oxide catalysts. Applied Catalysis B: Environmental, 2018, 224, 836-840.	20.2	72
6	Mechanism by which Tungsten Oxide Promotes the Activity of Supported V ₂ O ₅ /TiO ₂ Catalysts for NO _x Abatement: Structural Effects Revealed by ⁵¹ V MAS NMR Spectroscopy. Angewandte Chemie, 2019, 131, 12739-12746.	2.0	45
7	Efficient and stable enzyme immobilization in a block copolypeptide vesicle-templated biomimetic silica support. Colloids and Surfaces B: Biointerfaces, 2010, 80, 51-58.	5.0	36
8	Structure–Activity Relationships of Hydrothermally Aged Titania-Supported Vanadium–Tungsten Oxide Catalysts for SCR of NO _x Emissions with NH ₃ . ACS Catalysis, 2021, 11, 12096-12111.	11.2	20
9	Effects of copolypeptides on amyloid fibrillation of hen egg-white lysozyme. Biopolymers, 2012, 97, 107-116.	2.4	15
10	Examining the inhibitory actions of copolypeptides against amyloid fibrillogenesis of bovine insulin. Biochemical Engineering Journal, 2013, 78, 181-188.	3.6	1
11	Innen-Äcktitelbild: Mechanism by which Tungsten Oxide Promotes the Activity of Supported V ₂ O ₅ /TiO ₂ Catalysts for NO _x Abatement: Structural Effects Revealed by ⁵¹ V MAS NMR Spectroscopy (Angew. Chem. 36/2019). Angewandte Chemie, 2019, 131, 12847-12847.	2.0	1