

Liu Lei

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Platinum Supported on WO ₃ -Doped Aluminosilicate: A Highly Efficient Catalyst for Selective Hydrogenolysis of Glycerol to 1,3-Propanediol. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 11065-11074.	3.7	40
2	Improving Selectivity to 1,3-Propanediol for Glycerol Hydrogenolysis Using W- and Al-Incorporated SBA-15 as Support for Pt Nanoparticles. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 2661-2671.	3.7	37
3	Discovering positively charged Pt for enhanced hydrogenolysis of glycerol to 1,3-propanediol. <i>Green Chemistry</i> , 2020, 22, 8254-8259.	9.0	30
4	Promoting Role of Oxygen Deficiency on a WO ₃ -Supported Pt Catalyst for Glycerol Hydrogenolysis to 1,3-Propanediol. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 7389-7397.	3.7	26
5	Facilitating Pt ⁺ /WO _x Species Interaction for Efficient Glycerol Hydrogenolysis to 1,3-Propanediol. <i>ChemCatChem</i> , 2021, 13, 3695-3705.	3.7	21
6	A Facile Approach to Tune WO _x Species Combining Pt Catalyst for Enhanced Catalytic Performance in Glycerol Hydrogenolysis. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 12534-12544.	3.7	12
7	Highly Selective Synthesis of Polyalkylated Naphthalenes Catalyzed by Ionic Liquids and Their Tribological Properties as Lubricant Base Oil. <i>ChemistrySelect</i> , 2019, 4, 5284-5290.	1.5	11
8	Hydrogenation of naphthalene to decalin catalyzed by Pt supported on WO ₃ of different crystallinity at low temperature. <i>Journal of Fuel Chemistry and Technology</i> , 2021, 49, 1181-1189.	2.0	8
9	High-viscosity polyalkylphenanthrene oils: Synthesis and evaluation of lubricating properties. <i>Lubrication Science</i> , 2022, 34, 527-536.	2.1	8
10	Production of High-Purity Allyl Alcohol by the Salting-Out Method from Formic Acid-Mediated Deoxydehydration of Glycerol. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 3874-3880.	1.9	6
11	Co-templating Ionothermal Synthesis and Crystal Structure of a New Layered Aluminophosphate from a Protic Deep Eutectic Solvent. <i>Chinese Journal of Chemistry</i> , 2016, 34, 419-424.	4.9	4
12	Four new zinc(II) diphosphonates obtained via an ionothermal route: crystal structures and phase transformation behaviour. <i>CrystEngComm</i> , 2017, 19, 2500-2508.	2.6	4
13	Ionothermal synthesis and crystal structures of novel aluminum phosphates with in situ generated templates. <i>Dalton Transactions</i> , 2015, 44, 2294-2298.	3.3	3
14	A facile route to encapsulate ultrasmall Ni clusters within the pore channels of AlPO-5. <i>Materials Letters</i> , 2018, 210, 211-213.	2.6	3
15	Ionothermal Synthesis and Structural Characterization of a Novel Open Framework Zinc Diphosphonate with Carboxylate-like Linker. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1411-1416.	4.9	2
16	New strategy for production of primary alcohols from aliphatic olefins by tandem cross-metathesis/hydrogenation. <i>Chinese Chemical Letters</i> , 2020, 31, 1525-1529.	9.0	2
17	Adjusting Pt Nanoparticle Size on SBA-15 by a Sol-Immobilisation Method Towards Naphthalene Hydrogenation. <i>Catalysis Letters</i> , 0, , 1.	2.6	1