

Chao-he Yang

List of Publications by Year in descending order

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113
papers

2,562
citations

201674

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114
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114
times ranked

1925
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into the confinement effect on isobutane alkylation with C4 olefin catalyzed by zeolite catalyst: A combined theoretical and experimental study. Chinese Journal of Chemical Engineering, 2022, 47, 174-184.	3.5	7
2	Crude oil hierarchical catalytic cracking for maximizing chemicals production: Pilot-scale test, process optimization strategy, techno-economic-society-environment assessment. Energy Conversion and Management, 2022, 253, 115149.	9.2	19
3	Promoting catalytic transfer hydrodecarbonylation of methyl stearate over bimetallic CoNi/HAP catalysts with strong electronic coupling effect. Applied Catalysis B: Environmental, 2022, 306, 121138.	20.2	20
4	Understanding the Diffusion Properties of Sulfur-Containing Compounds in Mesoporous Alumina: A Molecular Dynamics Study. Industrial & Engineering Chemistry Research, 2022, 61, 3023-3030.	3.7	4
5	PO ₄ ³⁻ Coordinated Robust Single-Atom Platinum Catalyst for Selective Polyol Oxidation**. Angewandte Chemie, 2022, 134, .	2.0	21
6	PO ₄ ³⁻ Coordinated Robust Single-Atom Platinum Catalyst for Selective Polyol Oxidation**. Angewandte Chemie - International Edition, 2022, 61, .	13.8	51
7	Theoretical and experimental investigations into light alkane dehydrogenation over chromium-containing catalyst. Fuel, 2022, 320, 123893.	6.4	5
8	One-step leap in achieving oil-to-chemicals by using a two-stage riser reactor: Molecular-level process model and multi-objective optimization strategy. Chemical Engineering Journal, 2022, 444, 136684.	12.7	23
9	Recent Advances on Synthesis of CoCO ₃ with Controlled Morphologies. Chemical Record, 2022, 22, e202200021.	5.8	2
10	Strong metal-support interaction of palladium carbide in PtPd/C catalysts for enhanced catalytic transfer hydrogenolysis of glycerol. Biomass and Bioenergy, 2022, 163, 106507.	5.7	6
11	Insight into the selective oxidation mechanism of glycerol to 1,3-dihydroxyacetone over AuCu@ZnO interface. AIChE Journal, 2022, 68, .	3.6	5
12	Effective Regulation of the Au Spatial Position in a Hierarchically Structured Au/HTS-1 Catalyst: To Boost the Catalytic Performance of Propene Epoxidation with H ₂ and O ₂ . ACS Sustainable Chemistry and Engineering, 2022, 10, 9515-9524.	6.7	9
13	Insight into the basic strength-dependent catalytic performance in aqueous phase oxidation of glycerol to glyceric acid. Chemical Engineering Science, 2021, 230, 116191.	3.8	18
14	Electronic coupling enhanced PtCo/CeO ₂ hybrids as highly active catalysts for the key dehydrogenation step in conversion of bio-derived polyols. Chemical Engineering Science, 2021, 229, 116060.	3.8	8
15	Engineering Pt-Mn ₂ O ₃ interface to boost selective oxidation of ethylene glycol to glycolic acid. Applied Catalysis B: Environmental, 2021, 284, 119803.	20.2	40
16	Interfacial catalysts for sustainable chemistry: advances on atom and energy efficient glycerol conversion to acrylic acid. Green Chemistry, 2021, 23, 51-76.	9.0	17
17	Reversing Titanium Oligomer Formation towards High-Efficiency and Green Synthesis of Titanium-Containing Molecular Sieves. Angewandte Chemie, 2021, 133, 3485-3490.	2.0	2
18	Reversing Titanium Oligomer Formation towards High-Efficiency and Green Synthesis of Titanium-Containing Molecular Sieves. Angewandte Chemie - International Edition, 2021, 60, 3443-3448.	13.8	58

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19	Producing glyceric acid from glycerol <i>via</i> integrating vacuum dividing wall columns: conceptual process design and techno-economic-environmental analysis. <i>Green Chemistry</i> , 2021, 23, 3664-3676.	9.0	24
20	Au-Promoted Pt nanoparticles supported on MgO/SBA-15 as an efficient catalyst for selective oxidation of glycerol. <i>AIChE Journal</i> , 2021, 67, e17196.	3.6	9
21	Enhancing light olefins and aromatics production from naphthenic-based vacuum gas oil: Process integration, techno-economic analysis and life cycle environmental assessment. <i>Computers and Chemical Engineering</i> , 2021, 146, 107207.	3.8	11
22	Regulating catalyst morphology to boost the stability of Ni-Mo/Al ₂ O ₃ catalyst for ebullated-bed residue hydrotreating. <i>Green Energy and Environment</i> , 2021, 6, 283-290.	8.7	20
23	Mesopore-free Strategy to Construct Hierarchical TS-1 in a Highly Concentrated System for Gas-Phase Propene Epoxidation with H ₂ and O ₂ . <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 26134-26142.	8.0	22
24	Tailoring Facets of Mn ₂ O ₃ Microcrystalline Catalysts for Enhanced Selective Oxidation of Glycerol to Glycolic Acid. <i>ACS Catalysis</i> , 2021, 11, 6371-6383.	11.2	64
25	Catalytic Transfer Hydrogenolysis of Glycerol over Heterogeneous Catalysts: A Short Review on Mechanistic Studies. <i>Chemical Record</i> , 2021, 21, 1792-1810.	5.8	20
26	Regulating light olefins or aromatics production in ex-situ catalytic pyrolysis of biomass by engineering the structure of tin modified ZSM-5 catalyst. <i>Bioresource Technology</i> , 2021, 330, 124975.	9.6	25
27	Octadecanol Production from Methyl Stearate by Catalytic Transfer Hydrogenation over Synergistic Co/HAP Catalysts. <i>Energy & Fuels</i> , 2021, 35, 9970-9982.	5.1	17
28	Glycolic Acid Production from Ethylene Glycol via Sustainable Biomass Energy: Integrated Conceptual Process Design and Comparative Techno-economic-Society-Environment Analysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 10948-10962.	6.7	25
29	Produce petrochemicals directly from crude oil catalytic cracking, a techno-economic analysis and life cycle society-environment assessment. <i>Journal of Cleaner Production</i> , 2021, 308, 127283.	9.3	33
30	Computation-guided descriptor for efficient zeolite catalysts screening in C ₄ alkylation process. <i>Chemical Engineering Science</i> , 2021, 241, 116726.	3.8	5
31	Rationally constructed Ti sites of TS-1 for epoxidation reactions. <i>Science Bulletin</i> , 2021, 66, 1945-1949.	9.0	19
32	Opportunities for utilizing waste cooking oil in crude to petrochemical process: Novel process design, optimal strategy, techno-economic analysis and life cycle society-environment assessment. <i>Energy</i> , 2021, 237, 121530.	8.8	12
33	Hydrogenolysis of Glycerol to Propylene Glycol: Energy, Tech-Economic, and Environmental Studies. <i>Frontiers in Chemistry</i> , 2021, 9, 778579.	3.6	14
34	Effect of acid strength on the formation mechanism of tertiary butyl carbocation in initial C ₄ alkylation reaction over H-BEA zeolite: A density functional theory study. <i>Catalysis Today</i> , 2020, 355, 171-179.	4.4	13
35	Propene epoxidation with H ₂ and O ₂ on Au/TS-1 catalyst: Cost-effective synthesis of small-sized mesoporous TS-1 and its unique performance. <i>Catalysis Today</i> , 2020, 347, 102-109.	4.4	29
36	Ni-Co oxide catalysts with lattice distortions for enhanced oxidation of glycerol to glyceric acid. <i>Journal of Catalysis</i> , 2020, 381, 248-260.	6.2	48

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37	Insight into the Effect of Lewis Acid of W/Al-MCM-41 Catalyst on Metathesis of 1-Butene and Ethylene. <i>Applied Catalysis A: General</i> , 2020, 604, 117772.	4.3	11
38	Non-noble metal catalysts for transfer hydrogenation of levulinic acid: The role of surface morphology and acid-base pairs. <i>Materials Today Energy</i> , 2020, 18, 100501.	4.7	13
39	Enhancing the dynamic electron transfer of Au species on wormhole-like TS-1 for boosting propene epoxidation performance with H ₂ and O ₂ . <i>Green Energy and Environment</i> , 2020, 5, 433-443.	8.7	28
40	Recent Advances on Purification of Lactic Acid. <i>Chemical Record</i> , 2020, 20, 1236-1256.	5.8	18
41	Fe ³⁺ -Mediated Pt/Y Zeolite Catalysts Display Enhanced Metal-Bronsted Acid Interaction and Synergistic Cascade Hydrogenolysis Reactions. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 17387-17398.	3.7	9
42	Effect of Phosphorus Modification on the Acidity, Nanostructure of the Active Phase, and Catalytic Performance of Residue Hydrodenitrogenation Catalysts. <i>ACS Omega</i> , 2020, 5, 19111-19119.	3.5	3
43	Synergistic Bimetallic Pd-Pt/TiO ₂ Catalysts for Hydrogenolysis of Xylitol with In Situ-Formed H ₂ . <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 13879-13891.	3.7	9
44	Enhancing the Conversion of Polycyclic Aromatic Hydrocarbons from Naphthenic Heavy Oil: Novel Process Design, Comparative Techno-Economic Analysis, and Life Cycle Assessment. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 20086-20101.	3.7	12
45	Bimetallic AuPt/TiO ₂ Catalysts for Direct Oxidation of Glucose and Gluconic Acid to Tartaric Acid in the Presence of Molecular O ₂ . <i>ACS Catalysis</i> , 2020, 10, 10932-10945.	11.2	37
46	Numerical Investigations of the Oxidative Dehydrogenation of Propane in a Spouted Bed Reactor. <i>Energy & Fuels</i> , 2020, 34, 10858-10871.	5.1	5
47	Revealing the Effect of Nickel Particle Size on Carbon Formation Type in the Methane Decomposition Reaction. <i>Catalysts</i> , 2020, 10, 890.	3.5	23
48	Chemical Synthesis of Adipic Acid from Glucose and Derivatives: Challenges for Nanocatalyst Design. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 18732-18754.	6.7	8
49	Engineering three-layer core-shell S-1/TS-1@dendritic-SiO ₂ supported Au catalysts towards improved performance for propene epoxidation with H ₂ and O ₂ . <i>Green Energy and Environment</i> , 2020, 5, 473-483.	8.7	30
50	A DFT Study for Catalytic Deoxygenation of Methyl Butyrate on a Lewis Acid Site of ZSM-5 Zeolite. <i>Catalysts</i> , 2020, 10, 1233.	3.5	2
51	PtRu/Zn ₃ Ce ₁ O _x catalysts with Lewis acid-base pairs show synergistic performances for the conversion of glycerol in the absence of externally added H ₂ . <i>Catalysis Science and Technology</i> , 2020, 10, 4386-4395.	4.1	7
52	Catalytic Transfer Hydrogenolysis of Bio-Polyols to Renewable Chemicals over Bimetallic PtPd/C Catalysts: Size-Dependent Activity and Selectivity. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5305-5316.	6.7	13
53	NiMgAlMo catalyst derived from a guest-host MoO ₄ ²⁻ -mediated layered double hydroxide: High performance for the methane decomposition reaction. <i>Applied Catalysis A: General</i> , 2020, 597, 117551.	4.3	21
54	Synergistic effects of bimetallic PtRu/MCM-41 nanocatalysts for glycerol oxidation in base-free medium: Structure and electronic coupling dependent activity. <i>Applied Catalysis B: Environmental</i> , 2019, 259, 118070.	20.2	53

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55	Effect of Aluminum Addition and Surface Moisture Content on the Catalytic Activity of Sulfated Zirconia in n-Butane Isomerization. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 14638-14645.	3.7	12
56	Enhanced performance of bimetallic PtCo/MCM-41 catalysts for glycerol oxidation in base-free medium. <i>Catalysis Science and Technology</i> , 2019, 9, 4909-4919.	4.1	27
57	Toward Selective Dehydrogenation of Glycerol to Lactic Acid over Bimetallic Pt ₂ Co/CeO ₂ Catalysts. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 14548-14558.	3.7	25
58	Deoxygenation mechanism of methyl butyrate on HZSM-5: A density functional theory study. <i>Molecular Catalysis</i> , 2019, 479, 110588.	2.0	10
59	Technoeconomic Analysis and Life Cycle Assessment of Five VGO Processing Pathways in China. <i>Energy & Fuels</i> , 2019, 33, 12106-12120.	5.1	11
60	Influence of Lewis Acid on the Activity and Selectivity of Pt/MCM-41 (Al) Catalysts for Oxidation of C ₃ Polyols in Base-Free Medium. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 20259-20269.	3.7	9
61	Selective oxidation of glycerol to carboxylic acids on Pt(111) in base-free medium: A periodic density functional theory investigation. <i>Applied Surface Science</i> , 2019, 497, 143661.	6.1	31
62	Synergistic Pt/MgO/SBA-15 nanocatalysts for glycerol oxidation in base-free medium: Catalyst design and mechanistic study. <i>Journal of Catalysis</i> , 2019, 370, 434-446.	6.2	56
63	Catalytic conversion of CO ₂ and shale gas-derived substrates into saturated carbonates and derivatives: Catalyst design, performances and reaction mechanism. <i>Journal of CO₂ Utilization</i> , 2019, 34, 115-148.	6.8	32
64	Effect of dispersion on the adsorption of polycyclic aromatic hydrocarbons over the γ -Al ₂ O ₃ (110) surface. <i>Applied Surface Science</i> , 2019, 486, 137-143.	6.1	14
65	Understanding the Effect of Acid Strength on the Alkane-Alkoxide Hydride Transfer Reaction over Solid Acid Catalysts: Insights from Density Functional Theory. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 9314-9321.	3.7	10
66	Hydrogenation and TMP Coupling Process: Novel Process Design, Techno-Economic Analysis, Environmental Assessment and Thermo-Economic Optimization. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 10482-10494.	3.7	20
67	Diffusion properties of aromatic hydrocarbons in mesoporous alumina: A molecular dynamics study. <i>Chemical Engineering Science</i> , 2019, 204, 110-117.	3.8	12
68	Conceptual Coupled Process for Catalytic Cracking of High-Acid Crude Oil. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 4794-4801.	3.7	11
69	Morphological insights into the catalytic aquathermolysis of crude oil with an easily prepared high-efficiency Fe ₃ O ₄ -containing catalyst. <i>Fuel</i> , 2019, 245, 420-428.	6.4	37
70	Nanostructured Metal Catalysts for Selective Hydrogenation and Oxidation of Cellulosic Biomass to Chemicals. <i>Chemical Record</i> , 2019, 19, 1952-1994.	5.8	10
71	Cost-efficient core-shell TS-1/silicalite-1 supported Au catalysts: Towards enhanced stability for propene epoxidation with H ₂ and O ₂ . <i>Chemical Engineering Journal</i> , 2019, 377, 119927.	12.7	35
72	Promoting effect of Ni on the structure and electronic properties of Ni _x Mo(1-x)S ₂ catalyst and benzene adsorption: A periodic DFT study. <i>Applied Surface Science</i> , 2019, 471, 607-614.	6.1	5

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73	Enhanced stability for propene epoxidation with H ₂ and O ₂ over wormhole-like hierarchical TS-1 supported Au nanocatalyst. <i>Chemical Engineering Journal</i> , 2019, 377, 119954.	12.7	46
74	Insights into the reaction pathway of thiophene hydrodesulfurization over corner site of MoS ₂ catalyst: A density functional theory study. <i>Molecular Catalysis</i> , 2019, 463, 45-53.	2.0	23
75	Catalytic Transfer Hydrogenation of Biomass-Derived Substrates to Value-Added Chemicals on Dual-Function Catalysts: Opportunities and Challenges. <i>ChemSusChem</i> , 2019, 12, 71-92.	6.8	109
76	Investigation on Adsorption and Separation Behavior of Propane/Propene Mixtures in Zeolites. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 7679-7688.	0.9	3
77	Liquid-Phase Epoxidation of Light Olefins over W and Nb Nanocatalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 4423-4452.	6.7	36
78	Adsorption and separation of n/iso-pentane on zeolites: A GCMC study. <i>Journal of Molecular Graphics and Modelling</i> , 2018, 80, 59-66.	2.4	14
79	Selective propylene epoxidation in liquid phase using highly dispersed Nb catalysts incorporated in mesoporous silicates. <i>Chinese Journal of Chemical Engineering</i> , 2018, 26, 1278-1284.	3.5	7
80	Comparative study of n-butane isomerization over SO ₄ ²⁻ /Al ₂ O ₃ -ZrO ₂ and HZSM-5 zeolites at low reaction temperatures. <i>Applied Catalysis A: General</i> , 2018, 550, 98-104.	4.3	23
81	Manipulating Gold Spatial Location on Titanium Silicalite-1 To Enhance the Catalytic Performance for Direct Propene Epoxidation with H ₂ and O ₂ . <i>ACS Catalysis</i> , 2018, 8, 10649-10657.	11.2	44
82	Structurally Strained Bimetallic PtFe Nanocatalysts Show Tunable Catalytic Selectivity in Aqueous Oxidation of Bio-Polyols to Dicarboxylic Acids. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 12078-12086.	3.7	9
83	Mechanistic Insights into the Pore Confinement Effect on Bimolecular and Monomolecular Cracking Mechanisms of n-Octane over HY and HZSM-5 Zeolites: A DFT Study. <i>Journal of Physical Chemistry C</i> , 2018, 122, 12222-12230.	3.1	24
84	Insights into the synergy between recyclable magnetic Fe ₃ O ₄ and zeolite for catalytic aquathermolysis of heavy crude oil. <i>Applied Surface Science</i> , 2018, 456, 140-146.	6.1	36
85	Towards high activity of hydrogen production from ammonia borane over efficient non-noble Ni ₅ P ₄ catalyst. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 17112-17120.	7.1	22
86	Enhanced Catalytic Performance for Propene Epoxidation with H ₂ and O ₂ over Bimetallic Au-Ag/Uncalcined Titanium Silicate-1 Catalysts. <i>ACS Catalysis</i> , 2018, 8, 7799-7808.	11.2	94
87	Simultaneously Enhanced Stability and Selectivity for Propene Epoxidation with H ₂ and O ₂ on Au Catalysts Supported on Nano-Crystalline Mesoporous TS-1. <i>ACS Catalysis</i> , 2017, 7, 2668-2675.	11.2	120
88	Effect of Si/Al ratio on tetralin adsorption on Y zeolite: a DFT study. <i>Molecular Simulation</i> , 2017, 43, 945-952.	2.0	5
89	Efficient Conversion of Light Cycle Oil into High-Octane-Number Gasoline and Light Olefins over a Mesoporous ZSM-5 Catalyst. <i>Energy & Fuels</i> , 2017, 31, 6968-6976.	5.1	23
90	Consequence of heterogeneity of active sites for reactivity mechanism of n-butane isomerization over SO ₄ ²⁻ /ZrO ₂ -Al ₂ O ₃ catalyst. <i>Applied Catalysis A: General</i> , 2017, 542, 311-316.	4.3	19

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91	Catalytic cracking of acetic acid and its ketene intermediate over HZSM-5 catalyst: A density functional theory study. <i>Molecular Catalysis</i> , 2017, 437, 11-17.	2.0	23
92	Adsorption and Separation Mechanism of Thiophene/Benzene in MFI Zeolite: A GCMC Study. <i>Journal of Physical Chemistry C</i> , 2017, 121, 25818-25826.	3.1	19
93	Isomerization of <i>n</i> -Butane over $\text{SO}_4^{2-}/\text{Al}_2\text{O}_3\text{-ZrO}_2$ in a Circulated Fluidized Bed Reactor: Prospects for Commercial Application. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 8456-8464.	3.7	18
94	Effect of pore confinement on the adsorption of mono-branched alkanes of naphtha in ZSM-5 and Y zeolites. <i>Applied Surface Science</i> , 2017, 423, 131-138.	6.1	23
95	Au/TSA catalyst for propene epoxidation with H_2/O_2 : A novel strategy to enhance stability by tuning charging sequence. <i>AIChE Journal</i> , 2016, 62, 3963-3972.	3.6	35
96	Effect of modification methods on the surface properties and n-butane isomerization performance of La/Ni-promoted $\text{SO}_4^{2-}/\text{ZrO}_2\text{-Al}_2\text{O}_3$. <i>Applied Surface Science</i> , 2016, 378, 489-495.	6.1	23
97	Nature of active sites and deactivation mechanism for n-butane isomerization over alumina-promoted sulfated zirconia. <i>Journal of Catalysis</i> , 2016, 338, 124-134.	6.2	35
98	Novel Propylene Production Route: Utilizing Hydrotreated Shale Oil as Feedstock via Two-Stage Riser Catalytic Cracking. <i>Energy & Fuels</i> , 2015, 29, 7190-7195.	5.1	9
99	Equivalent Reactor Network Model for the Modeling of Fluid Catalytic Cracking Riser Reactor. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 8732-8742.	3.7	17
100	Study on the dipole moment of asphaltene molecules through dielectric measuring. <i>Fuel</i> , 2015, 140, 609-615.	6.4	10
101	Multifunctional two-stage riser fluid catalytic cracking process. <i>Applied Petrochemical Research</i> , 2014, 4, 395-400.	1.3	8
102	Equivalent Reactor Network Model for Simulating the Air Gasification of Polyethylene in a Conical Spouted Bed Gasifier. <i>Energy & Fuels</i> , 2014, 28, 6830-6840.	5.1	28
103	Numerical study of counter-current gas-solid flow in FCC disengager and stripper. <i>Canadian Journal of Chemical Engineering</i> , 2014, 92, 176-188.	1.7	13
104	Study on the polarity, solubility, and stacking characteristics of asphaltenes. <i>Fuel</i> , 2014, 128, 366-372.	6.4	35
105	Synergistic Process for High Nitrogen Content Feedstocks Catalytic Cracking: A Case Study of Controlling the Reactions of Nitrogen Compounds in Situ. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 5718-5727.	3.7	9
106	Residue Catalytic Cracking Process for Maximum Ethylene and Propylene Production. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 14366-14375.	3.7	25
107	Synergistic Process for Coker Gas Oil Catalytic Cracking and Gasoline Reformation. <i>Energy & Fuels</i> , 2013, 27, 654-665.	5.1	22
108	In Situ Upgrading of Light Fluid Catalytic Cracking Naphtha for Minimum Loss. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 6366-6376.	3.7	14

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109	Multifunctional Two-Stage Riser Catalytic Cracking of Heavy Oil. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 658-668.	3.7	23
110	Dipole Moment Variation of a Petroleum Residue during Catalytic and Thermal Upgrading. <i>Energy & Fuels</i> , 2009, 23, 2086-2089.	5.1	10
111	Maximizing Propylene Yield by Two-Stage Riser Catalytic Cracking of Heavy Oil. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 4914-4920.	3.7	77
112	Effects of Temperature and Catalyst to Oil Weight Ratio on the Catalytic Conversion of Heavy Oil to Propylene Using ZSM-5 and USY Catalysts. <i>Journal of Natural Gas Chemistry</i> , 2007, 16, 92-99.	1.8	31
113	Improving FCC Product Distribution with Two-Stage Riser Technology. <i>Petroleum Science and Technology</i> , 2006, 24, 379-387.	1.5	2