

Supareak Prasertthdam

List of Publications by Year in descending order

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334
papers

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71004

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#	ARTICLE	IF	CITATIONS
1	Novel electrodes for supercapacitor: Conducting polymers, metal oxides, chalcogenides, carbides, nitrides, MXenes, and their composites with graphene. <i>Journal of Alloys and Compounds</i> , 2022, 893, 161998.	2.8	129
2	Enhanced stability of Ti-containing silica catalysts for biodiesel epoxidation with hydrogen peroxide: Presence of strong metal–support interactions for alleviating permanent deactivation. <i>Fuel</i> , 2022, 314, 122736.	3.4	5
3	Single-step fabrication of highly stable amorphous TiO ₂ nanotubes arrays (am-TNTA) for stimulating gas-phase photoreduction of CO ₂ to methane. <i>Chemosphere</i> , 2022, 289, 133170.	4.2	18
4	The effect of Zn doping on active Cu species and its location of Cu-exchanged mordenite for the stepwise oxidation of methane to methanol. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 920-927.	1.2	4
5	Sulfur-Doped Graphene as a Rational Anode for an Ionic Liquid Based Hybrid Capacitor with a 3.5 V Working Window. <i>Energy & Fuels</i> , 2022, 36, 2799-2810.	2.5	8
6	Experimental and DFT investigations of the performance of ZrO ₂ catalysts modified with Ce, La, Y, Mg, and Ba oxides during methyl stearate ketonization. <i>Applied Surface Science</i> , 2022, 585, 152627.	3.1	5
7	Rational La-doped hematite as an anode and hydrous cobalt phosphate as a battery-type electrode for a hybrid supercapacitor. <i>Dalton Transactions</i> , 2022, 51, 6378-6389.	1.6	6
8	On a high photocatalytic activity of high-noble alloys Au–Ag/TiO ₂ catalysts during oxygen evolution reaction of water oxidation. <i>Scientific Reports</i> , 2022, 12, 2604.	1.6	15
9	Toward the understanding of surface phenomena involved in the photocatalytic performance of amorphous TiO ₂ /SiO ₂ catalyst – A theoretical and experimental study. <i>Applied Surface Science</i> , 2022, 588, 152920.	3.1	9
10	A key role of soft and refractory coke in the deactivation of γ-Al ₂ O ₃ catalysts during low-temperature methyl oleate epoxidation: An experiment and DFT study. <i>Fuel</i> , 2022, 321, 124064.	3.4	2
11	A review on sensitivity of operating parameters on biogas catalysts for selective oxidation of Hydrogen Sulfide to elemental sulfur. <i>Chemosphere</i> , 2022, 301, 134579.	4.2	7
12	Mg ²⁺ ion-powered hybrid supercapacitor with β-MnO ₂ as a cathode and α-Fe ₂ O ₃ as an anode. <i>Journal of Energy Storage</i> , 2022, 50, 104525.	3.9	6
13	Synthesis of novel graphene aerogel encapsulated bismuth oxyiodide composite towards effective removal of methyl orange azo-dye under visible light. <i>Chemosphere</i> , 2022, 303, 135121.	4.2	14
14	Graphene-Based Aqueous Magnesium Ion Hybrid Supercapacitors with an Appealing Energy Density Advanced by a KI Additive. <i>Energy & Fuels</i> , 2022, 36, 7186-7193.	2.5	7
15	Photooxidation and Virus Inactivation using TiO ₂ (P25)/SiO ₂ Coated PET Film. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2022, 17, 508-519.	0.5	2
16	Experimental and DFT investigations on enhanced stability found on Re-, Rh-, and Nb-promoted Pt/WO _x /γ-Al ₂ O ₃ catalyst during aqueous-phase glycerol hydrogenolysis. <i>Fuel</i> , 2022, 326, 125019.	3.4	6
17	A closer look inside TiO ₂ (P25) photocatalytic CO ₂ /HCO ₃ [−] reduction with water. Methane rate and selectivity enhancements. <i>Chemical Engineering Journal</i> , 2021, 409, 128141.	6.6	17
18	Deactivating and Non-Deactivating Coking Found on Ni-Based Catalysts during Combined Steam-Dry Reforming of Methane. <i>Topics in Catalysis</i> , 2021, 64, 357-370.	1.3	8

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19	Identification of extremely hard coke generation by low-temperature reaction on tungsten catalysts via Operando and in situ techniques. <i>Scientific Reports</i> , 2021, 11, 8071.	1.6	3
20	Observation of reduction on alkane products in butene cracking over ZSM-5 modified with Fe, Cu, and Ni catalysts. <i>Fuel</i> , 2021, 291, 120265.	3.4	13
21	Low-cost Cu-based inorganic hole transporting materials in perovskite solar cells: Recent progress and state-of-art developments. <i>Materials Today Chemistry</i> , 2021, 20, 100427.	1.7	12
22	The implementation of graphene-based aerogel in the field of supercapacitor. <i>Nanotechnology</i> , 2021, 32, 362001.	1.3	30
23	On the deactivation mechanisms of MnO ₂ electrocatalyst during operation in rechargeable zinc-air batteries studied via density functional theory. <i>Journal of Alloys and Compounds</i> , 2021, 869, 159280.	2.8	17
24	Comparative study on the effect of different copper loading on catalytic behaviors and activity of Cu/ZnO/Al ₂ O ₃ catalysts toward CO and CO ₂ hydrogenation. <i>Heliyon</i> , 2021, 7, e07682.	1.4	13
25	A phosphorus integrated strategy for supercapacitor: 2D black phosphorus-doped and phosphorus-doped materials. <i>Materials Today Chemistry</i> , 2021, 21, 100480.	1.7	18
26	Recent Advancements in Energy Storage Based on Sodium Ion and Zinc Ion Hybrid Supercapacitors. <i>Energy & Fuels</i> , 2021, 35, 14241-14264.	2.5	17
27	Engineering of Battery Type Electrodes for High Performance Lithium Ion Hybrid Supercapacitors. <i>ChemElectroChem</i> , 2021, 8, 4686-4724.	1.7	7
28	Recent developments on bismuth oxyhalides (BiOX; X = Cl, Br, I) based ternary nanocomposite photocatalysts for environmental applications. <i>Chemosphere</i> , 2021, 282, 131054.	4.2	87
29	Experimental and computational investigation on underlying factors promoting high coke resistance in NiCo bimetallic catalysts during dry reforming of methane. <i>Scientific Reports</i> , 2021, 11, 519.	1.6	14
30	Experimental and computational study on roles of WO _x promoting strong metal support promoter interaction in Pt catalysts during glycerol hydrogenolysis. <i>Scientific Reports</i> , 2021, 11, 530.	1.6	8
31	Determining the role of oxygen vacancies in palmitone selectivity and coke formation over acid metal oxide catalysts for the ketonization of methyl palmitate. <i>Applied Catalysis A: General</i> , 2021, 628, 118405.	2.2	7
32	Investigation on the increased stability of the Ni-Co bi-metallic catalysts for the carbon dioxide reforming of methane. <i>Catalysis Today</i> , 2020, 358, 37-44.	2.2	14
33	Performance controlled via surface oxygen-vacancy in Ti-based oxide catalyst during methyl oleate epoxidation. <i>Scientific Reports</i> , 2020, 10, 18952.	1.6	27
34	Computational Study of the Evolution of Ni-Based Catalysts during the Dry Reforming of Methane. <i>Energy & Fuels</i> , 2020, 34, 4855-4864.	2.5	22
35	Annealing induced a well-ordered single crystal γ -MnO ₂ and its electrochemical performance in zinc-ion battery. <i>Scientific Reports</i> , 2019, 9, 15107.	1.6	37
36	Heterogeneous photocatalytic degradation of diuron on zinc oxide: Influence of surface-dependent adsorption on kinetics, degradation pathway, and toxicity of intermediates. <i>Journal of Environmental Sciences</i> , 2019, 84, 97-111.	3.2	39

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37	The Influence of Dimethyl Sulfoxide as Electrolyte Additive on Anodic Dissolution of Alkaline Zinc-Air Flow Battery. <i>Scientific Reports</i> , 2019, 9, 14958.	1.6	75
38	A computational-experimental investigation on high ethylene selectivity in ethanol dehydration reaction found on WO _x /ZrO ₂ -activated carbon bi-support systems. <i>Scientific Reports</i> , 2019, 9, 19738.	1.6	8
39	Photocatalytic activity of Nitrogen and Silica doping on TiO ₂ nanocatalyst and grafted onto PMMA film. <i>Materials Chemistry and Physics</i> , 2018, 211, 420-427.	2.0	9
40	Evaluation of dry reforming reaction catalysts via computational screening. <i>Catalysis Today</i> , 2018, 312, 23-34.	2.2	8
41	Visible light active photocatalytic C-doped titanium dioxide films deposited via reactive pulsed DC magnetron co-sputtering: Properties and photocatalytic activity. <i>Vacuum</i> , 2018, 149, 214-224.	1.6	42
42	The low temperature selective oxidation of H ₂ S to elemental sulfur on TiO ₂ supported V ₂ O ₅ catalysts. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 1414-1423.	3.3	38
43	Effect of pretreatment atmosphere of WO _x /SiO ₂ catalysts on metathesis of ethylene and 2-butene to propylene. <i>RSC Advances</i> , 2018, 8, 11693-11704.	1.7	23
44	Influence of Hydrogen on Catalytic Properties of Ziegler-Natta Catalysts Prepared by Different Methods in Ethylene Polymerization. <i>Advances in Polymer Technology</i> , 2018, 37, 1035-1040.	0.8	5
45	Hydrogen effects in TiCl ₄ /MgCl ₂ /THF catalysts with second Lewis acid addition on ethylene polymerization behaviors. <i>Polymer Bulletin</i> , 2018, 75, 3211-3226.	1.7	0
46	Second metals (Lanthanum, Cerium, and Yttrium) modified W/SiO ₂ catalysts for metathesis of ethylene and 2-butene. <i>Catalysis Today</i> , 2018, 309, 43-50.	2.2	1
47	Effect of Surface Modifications of SBA-15 with Aminosilanes and 12-Tungstophosphoric Acid on Catalytic Properties in Environmentally Friendly Esterification of Glycerol with Oleic Acid to Produce Monoolein. <i>Catalysts</i> , 2018, 8, 360.	1.6	13
48	Effect of transition metal dopants (M= Nb, La, Zr, and Y) on the M-TiO ₂ supported V ₂ O ₅ catalysts in the selective oxidation of H ₂ S to elemental sulfur. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 5655-5661.	3.3	26
49	Binding TiO ₂ nanoparticles to forward osmosis membranes via MEMO-PMMA-Br monomer chains for enhanced filtration and antifouling performance. <i>RSC Advances</i> , 2018, 8, 19024-19033.	1.7	16
50	Comparative Study of Lewis Acid Transformation on Non-reducible and Reducible Oxides Under Hydrogen Atmosphere by In Situ DRIFTS of Adsorbed NH ₃ . <i>Topics in Catalysis</i> , 2018, 61, 1641-1652.	1.3	10
51	Effect of Surface Tungstate W ₅₊ Species on the Metathesis Activity of W-Doped Spherical Silica Catalysts. <i>Topics in Catalysis</i> , 2018, 61, 1615-1623.	1.3	10
52	Effects of calcination and pretreatment temperatures on the catalytic activity and stability of H ₂ -treated WO ₃ /SiO ₂ catalysts in metathesis of ethylene and 2-butene. <i>RSC Advances</i> , 2018, 8, 28555-28568.	1.7	13
53	The H ₂ -Treated TiO ₂ Supported Pt Catalysts Prepared by Strong Electrostatic Adsorption for Liquid-Phase Selective Hydrogenation. <i>Catalysts</i> , 2018, 8, 87.	1.6	10
54	Enhanced Stability and Propene Yield in Propane Dehydrogenation on PtIn/Mg(Al)O Catalysts with Various In Loadings. <i>Topics in Catalysis</i> , 2018, 61, 1624-1632.	1.3	19

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55	Reduction of carbon dioxide via catalytic hydrogenation over copper-based catalysts modified by oyster shell-derived calcium oxide. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 3115-3121.	3.3	16
56	Effect of substrate temperature on self-assisted GaAs nanowires grown by Molecular Beam Epitaxy on GaAs (111)B substrates without SiO ₂ layer. <i>Journal of Crystal Growth</i> , 2017, 477, 217-220.	0.7	0
57	Effect of Surfactant Addition During Polymerization on Properties of PEDOT:PSS for Electronic Applications. <i>Journal of Electronic Materials</i> , 2017, 46, 6709-6716.	1.0	5
58	Performance evaluation of catalysts in the dry reforming reaction of methane via the ratings concept. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2017, 122, 53-68.	0.8	8
59	In situ-DRIFTS study: influence of surface acidity of rhenium-based catalysts in the metathesis of various olefins for propylene production. <i>RSC Advances</i> , 2017, 7, 38659-38665.	1.7	13
60	Pulsed DC magnetron sputtering deposition of crystalline photocatalytic titania coatings at elevated process pressures. <i>Materials Science in Semiconductor Processing</i> , 2017, 71, 188-196.	1.9	15
61	One-step synthesis of amine-functionalized TiO ₂ surface for photocatalytic decolorization under visible light irradiation. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 45, 229-236.	2.9	37
62	Diethyl Ether Production during Catalytic Dehydration of Ethanol over Ru- and Pt- modified H-beta Zeolite Catalysts. <i>Journal of Oleo Science</i> , 2017, 66, 199-207.	0.6	32
63	Synthesis of TiO ₂ -grafted onto PMMA film via ATRP: Using monomer as a coupling agent and reusability in photocatalytic application. <i>Materials Research Bulletin</i> , 2016, 83, 640-648.	2.7	11
64	Comparison of physically mixed and separated MgO and WO ₃ /SiO ₂ catalyst for propylene production via 1-butene metathesis. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 2842-2848.	1.2	3
65	Synthesis of polyethylene/coir dust hybrid filler via in situ polymerization with zirconocene/MAO catalyst for use in natural rubber biocomposites. <i>Iranian Polymer Journal (English Edition)</i> , 2016, 25, 841-848.	1.3	7
66	Effects of size and shape of dispersed poly(butylene terephthalate) on isothermal crystallization kinetics and morphology of poly(lactic acid) blends. <i>Polymer Engineering and Science</i> , 2016, 56, 258-268.	1.5	20
67	Enhanced metathesis activity of low loading Re ₂ O ₇ /Al ₂ O ₃ catalysts for propylene production by using aluminum nitrate as Al ₂ O ₃ precursor. <i>Applied Catalysis A: General</i> , 2016, 517, 39-46.	2.2	15
68	Catalytic Upgrading of Methane to Higher Hydrocarbon in a Nonoxidative Chemical Conversion. <i>Energy & Fuels</i> , 2016, 30, 2584-2593.	2.5	26
69	Ethylene and mixed 2-butene cis/trans isomers metathesis: Influence of lanthanum as a second metal on the WO ₃ /SiO ₂ catalysts. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 140-146.	1.2	1
70	Effects of oxygen coverage, catalyst size, and core composition on Pt-alloy core-shell nanoparticles for oxygen reduction reaction. <i>Catalysis Science and Technology</i> , 2016, 6, 5168-5177.	2.1	22
71	Tuning Pt dispersion and oxygen mobility of Pt/Al ₂ O ₃ by Si addition for CO oxidation. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2016, 117, 565-581.	0.8	5
72	Modification of Green Calcium Oxide and Characteristics for Clean Energy Catalysts. <i>Energy Procedia</i> , 2015, 79, 685-690.	1.8	5

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73	The suppression of a basic nitrogen compound influence on hydrodesulfurization activity of dibenzothiophene in treated diesel over Al ₂ O ₃ supported CoMo catalysts by ZrO ₂ as a secondary support. <i>Catalysis Communications</i> , 2015, 62, 89-94.	1.6	13
74	Impact of calcination atmospheres on the physiochemical and photocatalytic properties of nanocrystalline TiO ₂ and Si-doped TiO ₂ . <i>Ceramics International</i> , 2015, 41, 11409-11417.	2.3	29
75	Effect of Dispersion of the Active Phase on the Activity and Coke Formation over WO ₃ /SiO ₂ Catalysts in the Metathesis of Ethylene and 2-Butene. <i>Catalysis Letters</i> , 2015, 145, 1868-1875.	1.4	9
76	Challenges of modelling real nanoparticles: Ni@Pt electrocatalysts for the oxygen reduction reaction. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 28286-28297.	1.3	30
77	Preparation of super-microporous WO ₃ –SiO ₂ olefin metathesis catalysts by the aerosol-assisted sol–gel process. <i>Microporous and Mesoporous Materials</i> , 2015, 213, 125-133.	2.2	46
78	Effect of surface Ti ³⁺ on the sol–gel derived TiO ₂ in the selective acetylene hydrogenation on Pd/TiO ₂ catalysts. <i>Catalysis Today</i> , 2015, 245, 134-138.	2.2	44
79	Desorption of Water from Distinct Step Types on a Curved Silver Crystal. <i>Molecules</i> , 2014, 19, 10845-10862.	1.7	19
80	Liquid-Phase Hydrogenation of Phenylacetylene Over the Nano-Sized Pd/TiO ₂ Catalysts. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 3170-3175.	0.9	6
81	Synergistic effect of additional TiO ₂ support on metathesis activity of ethylene and 2-butene over supported tungsten-based catalysts for propylene production. <i>Kinetics and Catalysis</i> , 2014, 55, 676-682.	0.3	0
82	Synthesis of well dispersed graphene in conjugated poly(3,4-ethylenedioxythiophene):polystyrene sulfonate via click chemistry. <i>Composites Science and Technology</i> , 2014, 93, 1-8.	3.8	44
83	Preparation of Au/C catalysts using microwave-assisted and ultrasonic-assisted methods for acetylene hydrochlorination. <i>Applied Catalysis A: General</i> , 2014, 475, 292-296.	2.2	29
84	Effect of carbon-dopant on the optical band gap and photoluminescence properties of [Ba _{0.5} Sr _{0.5}]TiO ₃ powders synthesized by the sol–gel process. <i>Journal of Luminescence</i> , 2014, 145, 919-924.	1.5	5
85	Influence of preparation method on the catalytic performances of Re ₂ O ₇ /SiO ₂ -Al ₂ O ₃ catalysts in the metathesis of ethylene and 2-pentene. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 145-152.	2.9	14
86	Pd/TiO ₂ catalysts prepared by electroless deposition with and without SnCl ₂ sensitization for the liquid-phase hydrogenation of 3-hexyn-1-ol. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014, 111, 123-135.	0.8	7
87	WO ₃ -based catalysts prepared by non-hydrolytic sol-gel for the production of propene by cross-metathesis of ethene and 2-butene. <i>Applied Catalysis A: General</i> , 2014, 488, 200-207.	2.2	36
88	Comparison of the effects of γ -phase- and Si- modified β -Al ₂ O ₃ supported Pt catalysts in CO oxidation. <i>Catalysis Communications</i> , 2014, 56, 92-95.	1.6	8
89	A Single-Site Platinum CO Oxidation Catalyst in Zeolite KLTL: Microscopic and Spectroscopic Determination of the Locations of the Platinum Atoms. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8904-8907.	7.2	263
90	Comparative Effect of Nano-Sized ZrO ₂ and TiO ₂ Additional Supports in Silica-Supported Tungsten Catalysts on Performance in Metathesis of Ethylene and 2-Butene to Propylene. <i>Catalysis Letters</i> , 2014, 144, 1524-1529.	1.4	12

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91	Effect of 2-Butene Cis/Trans Isomers in the Metathesis of Ethylene and 2-Butene Over WO ₃ /SiO ₂ Catalysts. <i>Catalysis Letters</i> , 2014, 144, 920-927.	1.4	7
92	Development of Au/C catalysts by the microwave-assisted method for the selective hydrochlorination of acetylene. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014, 112, 189-198.	0.8	13
93	One-step preparation of Pt/Ce and Pt/Sn/Ce/Al ₂ O ₃ catalysts by flame spray pyrolysis in propane dehydrogenation. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014, 113, 149-158.	0.8	3
94	NaOH modified WO ₃ /SiO ₂ catalysts for propylene production from 2-butene and ethylene metathesis. <i>Chinese Journal of Catalysis</i> , 2014, 35, 232-241.	6.9	30
95	Influence of micro- and nano-sized SiO ₂ excess support on the metathesis of ethylene and trans-2-butene to propylene over silica-supported tungsten catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014, 113, 225-240.	0.8	9
96	Experimental observation on the mixing systems and ways to significantly enhance the conductivity of PEDOT-sulfonated poly(imide) aqueous dispersion. <i>Microelectronic Engineering</i> , 2013, 111, 7-13.	1.1	1
97	Bis [N-(3-tert-butylsalicylidene) cyclooctylamine] titanium dichloride activated with MAO for ethylene polymerization. <i>European Polymer Journal</i> , 2013, 49, 1753-1759.	2.6	6
98	Enhancement of poly(3,4-ethylenedioxy thiophene)/poly(styrene sulfonate) properties by poly(vinyl Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Materials Science: Materials in Electronics, 2013, 24, 2897-2905.	1.1	22
99	Electrochemical promotion of propane oxidation over Pd, Ir, and Ru catalyst-electrodes deposited on YSZ. <i>Ionics</i> , 2013, 19, 1705-1714.	1.2	7
100	Effect of Nano-sized TiO ₂ Additional Support in WO ₃ /SiO ₂ Catalyst Systems on Metathesis of Ethylene and Trans-2-Butene to Propylene. <i>Catalysis Letters</i> , 2013, 143, 919-925.	1.4	12
101	Effect of ZnCl ₂ and SiCl ₄ doped TiCl ₄ /MgCl ₂ /THF catalysts for ethylene polymerization. <i>Journal of Applied Polymer Science</i> , 2013, 130, 1588-1594.	1.3	10
102	Effect of Na-, K-, Mg-, and Ga dopants in A/B-sites on the optical band gap and photoluminescence behavior of [Ba _{0.5} Sr _{0.5}]TiO ₃ powders. <i>Journal of Luminescence</i> , 2013, 142, 75-80.	1.5	27
103	Effects of the addition of anionic surfactant during template polymerization of conducting polymers containing pedot with sulfonated poly(imide) and poly(styrene sulfonate) as templates for nano-thin film applications. <i>Synthetic Metals</i> , 2013, 179, 10-17.	2.1	15
104	Fluorinated bis(phenoxy-imine)titanium complexes with methylaluminumoxane for the synthesis of ultra high molecular weight polyethylene. <i>Polymer</i> , 2013, 54, 3217-3222.	1.8	6
105	Effect of nanocrystallite size of TiO ₂ in Co/TiO ₂ and Co/TiO ₂ -Ru catalysts on methanation. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 50-54.	1.2	6
106	Catalytic performance improvement of styrene hydrogenation in trickle bed reactor by using periodic operation. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 593-597.	1.2	8
107	Preparation and characterization of conductive polyimide-graft-polyaniline. <i>Microelectronic Engineering</i> , 2013, 104, 22-28.	1.1	4
108	Modification of Novel Conductive PEDOT:Sulfonated Polyimide Nano-Thin Films by Anionic Surfactant and Poly(vinyl alcohol) for Electronic Applications. <i>Journal of Electronic Materials</i> , 2013, 42, 3471-3480.	1.0	5

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109	Reaction Kinetic-Induced Changes in the Electrochemically Promoted C ₂ H ₄ Oxidation on Pt/YSZ. <i>Catalysis Letters</i> , 2013, 143, 445-453.	1.4	3
110	Copolymerization of Ethylene and 1-hexene with <i>Ansa</i> -Dimethylsilylene(fluorenyl) (<i>n</i> -butylamido)Dimethyltitanium Complexes Activated by Modified Methylaluminoxane. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 2584-2590.	1.1	2
111	Secondary dopants modified PEDOT-sulfonated poly(imide)s for high-temperature range application. <i>Journal of Applied Polymer Science</i> , 2013, 128, 3840-3845.	1.3	6
112	Effect of SiO ₂ -Al ₂ O ₃ Composition on the Catalytic Performance of the Re ₂ O ₇ /SiO ₂ -Al ₂ O ₃ Catalysts in the Metathesis of Ethylene and 2-Pentene for Propylene Production. <i>Catalysis Letters</i> , 2012, 142, 1141-1149.	1.4	11
113	Electrochemical Promotion of Propane and Methane Oxidation on Sputtered Pd Catalyst-Electrodes Deposited on YSZ. <i>Catalysis Letters</i> , 2012, 142, 1336-1343.	1.4	5
114	Integrated methane decomposition and solid oxide fuel cell for efficient electrical power generation and carbon capture. <i>Chemical Engineering Research and Design</i> , 2012, 90, 2223-2234.	2.7	11
115	Phosphonated Graft Copolyimide for Direct Methanol Fuel Cell. <i>Procedia Engineering</i> , 2012, 44, 1079-1083.	1.2	0
116	Sulfonated polyimide as a thermally stable template for water processable conductive polymers. <i>Synthetic Metals</i> , 2012, 162, 941-947.	2.1	9
117	Effect of Ga- and BCl ₃ -modified silica-supported [t-BuNSiMe ₂ (2,7-t-Bu ₂ Flu)]TiMe ₂ /MAO catalyst on ethylene/1-hexene copolymerization. <i>European Polymer Journal</i> , 2012, 48, 1304-1312.	2.6	5
118	Observation on inhibition of Ti ³⁺ reduction by fumed silica addition in Ziegler-Natta catalyst with in situ ESR. <i>Journal of Industrial and Engineering Chemistry</i> , 2012, 18, 1888-1892.	2.9	4
119	Effect of poly(styrene-co-maleic anhydride) compatibilizer on properties of polystyrene/zinc oxide composites. <i>Iranian Polymer Journal (English Edition)</i> , 2012, 21, 385-396.	1.3	1
120	Production of propylene from an unconventional metathesis of ethylene and 2-pentene over Re ₂ O ₇ /SiO ₂ -Al ₂ O ₃ catalysts. <i>Journal of Natural Gas Chemistry</i> , 2012, 21, 83-90.	1.8	15
121	Role of support nature (γ-Al ₂ O ₃ and SiO ₂ -Al ₂ O ₃) on the performances of rhenium oxide catalysts in the metathesis of ethylene and 2-pentene. <i>Journal of Natural Gas Chemistry</i> , 2012, 21, 158-164.	1.8	17
122	LLDPE synthesis via SiO ₂ -Ga-supported zirconocene/MMAO catalyst. <i>Journal of Industrial and Engineering Chemistry</i> , 2012, 18, 373-377.	2.9	4
123	Alignment of carbon nanotubes in polyimide under electric and magnetic fields. <i>Journal of Applied Polymer Science</i> , 2012, 123, 3470-3475.	1.3	26
124	Effects of particle type on thermal and mechanical properties of polyoxymethylene nanocomposites. <i>Journal of Applied Polymer Science</i> , 2012, 123, 3217-3224.	1.3	22
125	Hydrogen Production via Sorption Enhanced Steam Methane Reforming Process Using Ni/CaO Multifunctional Catalyst. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 13662-13671.	1.8	98
126	Observation of Different Catalytic Activity of Various 1-Olefins during Ethylene/1-Olefin Copolymerization with Homogeneous Metallocene Catalysts. <i>Molecules</i> , 2011, 16, 373-383.	1.7	21

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127	Behaviors in Ethylene Polymerization of MgCl ₂ -SiO ₂ /TiCl ₄ /THF Ziegler-Natta Catalysts with Differently Treated SiO ₂ . <i>Molecules</i> , 2011, 16, 1323-1335.	1.7	8
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129	The Influence of t-Butyl and Cyclododecyl Substitution on Ethylene/1-Hexene Copolymerization Using Ansa-Fluorenylamidodimethyltitanium Derivatives. <i>Molecules</i> , 2011, 16, 4122-4130.	1.7	2
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132	Ti-Si composite oxide-supported cobalt catalysts for CO ₂ hydrogenation. <i>Journal of Natural Gas Chemistry</i> , 2011, 20, 558-564.	1.8	36
133	Characteristics and catalytic properties of La-modified ZrO ₂ supported cobalt catalysts in CO hydrogenation. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2011, 103, 367-378.	0.8	1
134	Effect of Ga modification on different pore size silicas in synthesis of LLDPE by copolymerization of ethylene and 1-hexene with [t-BuNSiMe ₂ Flu]TiMe ₂ /MMAO catalyst. <i>Polymer Bulletin</i> , 2011, 66, 1301-1312.	1.7	5
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137	Glycerol ethers synthesis from glycerol etherification with tert-butyl alcohol in reactive distillation. <i>Computers and Chemical Engineering</i> , 2011, 35, 2034-2043.	2.0	80
138	Partial oxidation of benzene catalyzed by vanadium chloride in novel reaction-extraction-regeneration system. <i>Chemical Engineering and Processing: Process Intensification</i> , 2011, 50, 53-58.	1.8	2
139	Effect of calcination treatment of zirconia on W/ZrO ₂ catalysts for transesterification. <i>Fuel Processing Technology</i> , 2011, 92, 1537-1542.	3.7	15
140	Gasoline upgrading by self-etherification with ethanol on modified beta-zeolite. <i>Fuel Processing Technology</i> , 2011, 92, 1999-2004.	3.7	14
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