

Sugeng Triwahyono

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5269636/publications.pdf>

Version: 2024-02-01

133
papers

7,019
citations

50566

48
h-index

73587

79
g-index

136
all docs

136
docs citations

136
times ranked

7483
citing authors

#	ARTICLE	IF	CITATIONS
1	Unique structure of fibrous ZSM-5 catalyst expedited prolonged hydrogen atom restoration for selective production of propylene from methanol. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 24652-24665.	3.8	25
2	Hierarchical HZSM-5 for Catalytic Cracking of Oleic Acid to Biofuels. <i>Nanomaterials</i> , 2021, 11, 747.	1.9	16
3	Enhanced hydrogen-assisted cracking of 1,3,5-triisopropylbenzene over fibrous silica ZSM-5: Influence of co-surfactant during synthesis. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 24676-24686.	3.8	7
4	Favored hydrogenation of linear carbon monoxide over cobalt loaded on fibrous silica KCC-1. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 9522-9534.	3.8	22
5	Promising hydrothermal technique for efficient CO ₂ methanation over Ni/SBA-15. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 20792-20804.	3.8	39
6	Effect of Pt/Pd/C coupled catalyst loading and polybenzimidazole ionomer binder on oxygen reduction reaction in high-temperature PEMFC. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 20760-20769.	3.8	20
7	Zirconium-Loaded Mesoporous Silica Nanoparticles Adsorbent for Removal of Hexavalent Chromium from Aqueous Solution. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 704-712.	1.8	15
8	Isomerization of linear C ₅ -C ₇ over Pt loaded on protonated fibrous silica@Y zeolite (Pt/HSi@Y). <i>Journal of Energy Chemistry</i> , 2019, 37, 163-171.	7.1	22
9	Tailored mesoporosity and acidity of shape-selective fibrous silica beta zeolite for enhanced toluene co-reaction with methanol. <i>Chemical Engineering Science</i> , 2019, 193, 217-229.	1.9	54
10	Additional Lewis acid sites of protonated fibrous silica@BEA zeolite (HSi@BEA) improving the generation of protonic acid sites in the isomerization of C ₆ alkane and cycloalkanes. <i>Applied Catalysis A: General</i> , 2019, 570, 228-237.	2.2	27
11	Altering Dendrimer Structure of Fibrous-Silica-HZSM5 for Enhanced Product Selectivity of Benzene Methylation. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 553-562.	1.8	23
12	Catalytic CO Methanation over Mesoporous ZSM5 with Different Metal Promoters. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2019, 14, 228.	0.5	4
13	Direct Synthesis of Sodalite from Indonesian Kaolin for Adsorption of Pb ²⁺ Solution, Kinetics, and Isotherm Approach. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2019, 14, 502-512.	0.5	5
14	Synergistic effect of microwave rapid heating and weak mineralizer on silica-stabilized tetragonal zirconia nanoparticles for enhanced photoactivity of Bisphenol A. <i>Journal of Molecular Liquids</i> , 2018, 261, 423-430.	2.3	24
15	Directing the amount of CNTs in CuO/CNT catalysts for enhanced adsorption-oriented visible-light-responsive photodegradation of p-chloroaniline. <i>Powder Technology</i> , 2018, 327, 170-178.	2.1	68
16	Effect of carbon-interaction on structure-photoactivity of Cu doped amorphous TiO ₂ catalysts for visible-light-oriented oxidative desulfurization of dibenzothiophene. <i>Fuel</i> , 2018, 216, 407-417.	3.4	45
17	Recent advances and future prospect in catalysts for oxidative coupling of methane to ethylene: A review. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 59, 218-229.	2.9	172
18	Exploiting copper-silica-zirconia cooperative interactions for the stabilization of tetragonal zirconia catalysts and enhancement of the visible-light photodegradation of bisphenol A. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 82, 322-330.	2.7	38

#	ARTICLE	IF	CITATIONS
19	Altering fiber density of cockscomb-like fibrous silica-titania catalysts for enhanced photodegradation of ibuprofen. <i>Journal of Environmental Management</i> , 2018, 227, 34-43.	3.8	54
20	Controllable structure of fibrous SiO ₂ -ZSM-5 support decorated with TiO ₂ catalysts for enhanced photodegradation of paracetamol. <i>Applied Surface Science</i> , 2018, 455, 84-95.	3.1	61
21	Surface modification of activated carbon for adsorption of SO ₂ and NO _x : A review of existing and emerging technologies. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 94, 1067-1085.	8.2	159
22	Tailoring the Properties of Metal Oxide Loaded/KCC-1 toward a Different Mechanism of CO ₂ Methanation by in Situ IR and ESR. <i>Inorganic Chemistry</i> , 2018, 57, 5859-5869.	1.9	54
23	Production of hydrogen via steam reforming of acetic acid over Ni and Co supported on La ₂ O ₃ catalyst. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 8975-8985.	3.8	68
24	Transesterification of croton megalocarpus oil to biodiesel over WO ₃ supported on silica mesoporous-macroparticles catalyst. <i>Chemical Engineering Journal</i> , 2017, 316, 882-892.	6.6	29
25	Effect of Cr ₂ O ₃ loading on the properties and cracking activity of Pt/Cr ₂ O ₃ -ZrO ₂ . <i>Applied Catalysis A: General</i> , 2017, 541, 77-86.	2.2	6
26	Renewable hydrogen production from bio-oil derivative via catalytic steam reforming: An overview. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 79, 347-357.	8.2	156
27	Oxygen vacancy-rich mesoporous silica KCC-1 for CO ₂ methanation. <i>Applied Catalysis A: General</i> , 2017, 532, 86-94.	2.2	134
28	Strategies for introducing titania onto mesostructured silica nanoparticles targeting enhanced photocatalytic activity of visible-light-responsive Ti-MSN catalysts. <i>Journal of Cleaner Production</i> , 2017, 143, 948-959.	4.6	66
29	n-Heptane isomerization over molybdenum supported on bicontinuous concentric lamellar silica KCC-1: Influence of phosphorus and optimization using response surface methodology (RSM). <i>Chemical Engineering Journal</i> , 2017, 314, 650-659.	6.6	59
30	New insight into self-modified surfaces with defect-rich rutile TiO ₂ as a visible-light-driven photocatalyst. <i>Journal of Cleaner Production</i> , 2017, 168, 1150-1162.	4.6	55
31	New direct consecutive formation of spinel phase in (Fe,Co,Ni)Al ₂ O ₄ composites for enhanced Pd(II) ions removal. <i>Journal of Alloys and Compounds</i> , 2017, 727, 744-756.	2.8	12
32	Pellet size dependent steam reforming of polyethylene terephthalate waste for hydrogen production over Ni/La promoted Al ₂ O ₃ catalyst. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 21571-21585.	3.8	19
33	Visible-light photoactivity of plasmonic silver supported on mesoporous TiO ₂ nanoparticles (Ag-MTN) for enhanced degradation of 2-chlorophenol: Limitation of Ag-Ti interaction. <i>Applied Surface Science</i> , 2017, 392, 1068-1077.	3.1	51
34	Esterification of Benzyl Alcohol with Acetic Acid over Mesoporous H-ZSM-5. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2017, 12, 243-250.	0.5	7
35	SIGNIFICANT EFFECT OF PH ON PHOTOCATALYTIC DEGRADATION OF ORGANIC POLLUTANTS USING SEMICONDUCTOR CATALYSTS. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.3	4
36	ZIRCONIUM LOADED BANANA STEM FIBERS AS ADSORBENT FOR RECOVERY OF HG(II). <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.3	0

#	ARTICLE	IF	CITATIONS
37	EFFECT OF SUPPORT ON MOLYBDENUM OXIDE ACIDITY FOR N-HEPTANE ISOMERIZATION. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.3	0
38	CO ₂ REFORMING OF METHANE OVER NI SUPPORTED ON MESOSTRUCTURED SILICA NANOPARTICLES (NI/MSN): EFFECT OF NI LOADING. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.3	1
39	Interaction between copper and carbon nanotubes triggers their mutual role in the enhanced photodegradation of p-chloroaniline. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 12323-12331.	1.3	50
40	Surface modification of banana stem fibers via radiation induced grafting of poly(methacrylic acid) as an effective cation exchanger for Hg(II). <i>RSC Advances</i> , 2016, 6, 34411-34421.	1.7	8
41	n-Heptane isomerization over mesostructured silica nanoparticles (MSN): Dissociative-adsorption of molecular hydrogen on Pt and Mo sites. <i>Applied Catalysis A: General</i> , 2016, 516, 135-143.	2.2	45
42	Further Insight into the Definite Morphology and Formation Mechanism of Mesoporous Silica KCC-1. <i>Langmuir</i> , 2016, 32, 5802-5811.	1.6	80
43	Dispersive solid phase extraction of gold with magnetite-graphene oxide prior to its determination via microwave plasma-atomic emission spectrometry. <i>RSC Advances</i> , 2016, 6, 88110-88116.	1.7	16
44	Synergistic interactions of Cu and N on surface altered amorphous TiO ₂ nanoparticles for enhanced photocatalytic oxidative desulfurization of dibenzothiophene. <i>RSC Advances</i> , 2016, 6, 76259-76268.	1.7	54
45	Liquid crystal physical gel formed by cholesteryl stearate for light scattering display material. <i>Journal of Colloid and Interface Science</i> , 2016, 483, 41-48.	5.0	15
46	Hydrogen production from catalytic steam reforming of phenol with bimetallic nickel-cobalt catalyst on various supports. <i>Applied Catalysis A: General</i> , 2016, 527, 161-170.	2.2	55
47	Effect of temperature on the morphology and electro-optical properties of liquid crystal physical gel. <i>Materials Chemistry and Physics</i> , 2016, 184, 197-202.	2.0	5
48	Influence of Ni to Co ratio supported on ZrO ₂ catalysts in phenol steam reforming for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 22922-22931.	3.8	71
49	Fibrous silica mesoporous ZSM-5 for carbon monoxide methanation. <i>Applied Catalysis A: General</i> , 2016, 523, 200-208.	2.2	59
50	Catalyzed Claisen-Schmidt reaction by protonated aluminate mesoporous silica nanomaterial focused on the (E)-chalcone synthesis as a biologically active compound. <i>RSC Advances</i> , 2016, 6, 11023-11031.	1.7	28
51	CO ₂ reforming of CH ₄ over Ni-Co/MSN for syngas production: Role of Co as a binder and optimization using RSM. <i>Chemical Engineering Journal</i> , 2016, 295, 1-10.	6.6	99
52	Synthesis and characterization of fibrous silica ZSM-5 for cumene hydrocracking. <i>Catalysis Science and Technology</i> , 2016, 6, 5178-5182.	2.1	72
53	Tailoring the properties of electrolyzed Ni/mesostructured silica nanoparticles (MSN) via different Ni-loading methods for CO ₂ reforming of CH ₄ . <i>Journal of CO₂ Utilization</i> , 2016, 13, 71-80.	3.3	61
54	Utilization of a cost effective Lapindo mud catalyst derived from eruption waste for transesterification of waste oils. <i>Energy Conversion and Management</i> , 2016, 108, 411-421.	4.4	20

#	ARTICLE	IF	CITATIONS
55	MICROWAVE-ASSISTED SYNTHESIS OF MESOPOROUS SILICA NANOPARTICLES AS A DRUG DELIVERY VEHICLE. <i>Malaysian Journal of Analytical Sciences</i> , 2016, 20, 1382-1389.	0.2	7
56	AMINE MODIFIED MESOSTRUCTURED SILICA NANO PARTICLES ENHANCED ADSORPTION OF PHENOL. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 75, .	0.3	1
57	Effect of Different Templates on the Synthesis of Mesoporous Sodalite. <i>Journal of Chemistry</i> , 2015, 2015, 1-6.	0.9	11
58	ISOMERIZATION OF C5-C7 LINEAR ALKANES OVER WO ₃ -ZRO ₂ UNDER HELIUM ATMOSPHERE. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 75, .	0.3	0
59	Acid-vacuo heat treated low cost banana stems fiber for efficient biosorption of Hg(II). <i>RSC Advances</i> , 2015, 5, 14129-14137.	1.7	17
60	Mesoporous ZSM5 having both intrinsic acidic and basic sites for cracking and methanation. <i>Chemical Engineering Journal</i> , 2015, 270, 196-204.	6.6	47
61	Low-temperature stabilization of electrosynthesized tetragonal zirconia, its photoactivity toward methylene blue decolorization. <i>Desalination and Water Treatment</i> , 2015, 56, 2402-2416.	1.0	12
62	Synthesis of dual type Fe species supported mesostructured silica nanoparticles: synergistical effects in photocatalytic activity. <i>RSC Advances</i> , 2015, 5, 9727-9736.	1.7	27
63	Structural rearrangement of mesostructured silica nanoparticles incorporated with ZnO catalyst and its photoactivity: Effect of alkaline aqueous electrolyte concentration. <i>Applied Surface Science</i> , 2015, 330, 10-19.	3.1	42
64	CO ₂ methanation over heterogeneous catalysts: recent progress and future prospects. <i>Green Chemistry</i> , 2015, 17, 2647-2663.	4.6	576
65	Synthesis of Mesoporous Silica Particles with Fibrous Morphology via Self-Assembly Process in Microemulsion System. <i>Advanced Materials Research</i> , 2015, 1112, 172-175.	0.3	2
66	High activity of aluminated bifunctional mesoporous silica nanoparticles for cumene hydrocracking and measurement of molar absorption coefficient. <i>New Journal of Chemistry</i> , 2015, 39, 8006-8016.	1.4	7
67	Tailoring the metal introduction sequence onto mesostructured silica nanoparticles framework: Effect on physicochemical properties and photoactivity. <i>Applied Catalysis A: General</i> , 2015, 492, 169-176.	2.2	45
68	Nickel-promoted mesoporous ZSM5 for carbon monoxide methanation. <i>RSC Advances</i> , 2015, 5, 64651-64660.	1.7	34
69	Photodegradation of 2-chlorophenol over colloidal Fe ^{II} -FeOOH supported mesostructured silica nanoparticles: Influence of a pore expander and reaction optimization. <i>Separation and Purification Technology</i> , 2015, 149, 55-64.	3.9	27
70	New insight into electrochemical-induced synthesis of NiAl ₂ O ₄ /Al ₂ O ₃ : Synergistic effect of surface hydroxyl groups and magnetism for enhanced adsorptivity of Pd(II). <i>Applied Surface Science</i> , 2015, 349, 485-495.	3.1	45
71	CO ₂ reforming of CH ₄ over Ni/mesostructured silica nanoparticles (Ni/MSN). <i>RSC Advances</i> , 2015, 5, 37405-37414.	1.7	43
72	Direct in situ activation of Ag ₀ nanoparticles in synthesis of Ag/TiO ₂ and its photoactivity. <i>Applied Surface Science</i> , 2015, 338, 75-84.	3.1	85

#	ARTICLE	IF	CITATIONS
73	Elucidation of acid strength effect on ibuprofen adsorption and release by aluminated mesoporous silica nanoparticles. <i>RSC Advances</i> , 2015, 5, 30023-30031.	1.7	33
74	New insights into self-modification of mesoporous titania nanoparticles for enhanced photoactivity: effect of microwave power density on formation of oxygen vacancies and Ti ³⁺ defects. <i>RSC Advances</i> , 2015, 5, 90991-91000.	1.7	45
75	Direct synthesis of mesoporous aluminosilicates from Indonesian kaolin clay without calcination. <i>Applied Clay Science</i> , 2015, 118, 290-294.	2.6	38
76	Preparation of Cellulose Nanocrystal Aerogel from Wastepaper through Freeze-Drying Technique. <i>Advanced Materials Research</i> , 2015, 1125, 296-300.	0.3	4
77	Grape-like mesostructured silica nanoparticle-decorated single-walled carbon nanotubes: silica growth and dye adsorptivity. <i>RSC Advances</i> , 2015, 5, 71796-71804.	1.7	7
78	The reuse of wastepaper for the extraction of cellulose nanocrystals. <i>Carbohydrate Polymers</i> , 2015, 118, 165-169.	5.1	134
79	CO ₂ methanation over Ni-promoted mesostructured silica nanoparticles: Influence of Ni loading and water vapor on activity and response surface methodology studies. <i>Chemical Engineering Journal</i> , 2015, 260, 757-764.	6.6	141
80	Condensation of Indole with Isatin over AlCl ₃ /Mesoporous Aluminosilicate. <i>Indonesian Journal of Chemistry</i> , 2015, 15, 56-63.	0.3	0
81	Highly Active Aluminosilicates with a Hierarchical Porous Structure for Acetalization of 3,4-dimethoxybenzaldehyde. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 69, .	0.3	2
82	Improved production of fuel oxygenates via glycerol acetylation with acetic acid. <i>Chemical Engineering Journal</i> , 2014, 243, 473-484.	6.6	78
83	Cumene cracking over chromium oxide zirconia: Effect of chromium(VI) oxide precursors. <i>Applied Catalysis A: General</i> , 2014, 475, 487-496.	2.2	15
84	Protonation of Al-grafted mesostructured silica nanoparticles (MSN): Acidity and catalytic activity for cumene conversion. <i>Chemical Engineering Journal</i> , 2014, 240, 352-361.	6.6	39
85	Influence of multi-walled carbon nanotubes on textural and adsorption characteristics of in situ synthesized mesostructured silica. <i>Journal of Colloid and Interface Science</i> , 2014, 421, 93-102.	5.0	42
86	Variation of the crystal growth of mesoporous silica nanoparticles and the evaluation to ibuprofen loading and release. <i>Journal of Colloid and Interface Science</i> , 2014, 421, 6-13.	5.0	56
87	Highly active Ni-promoted mesostructured silica nanoparticles for CO ₂ methanation. <i>Applied Catalysis B: Environmental</i> , 2014, 147, 359-368.	10.8	404
88	Methanation of carbon dioxide on metal-promoted mesostructured silica nanoparticles. <i>Applied Catalysis A: General</i> , 2014, 486, 115-122.	2.2	125
89	Selective Acetalization of Glycerol with Acetone Over Nickel Nanoparticles Supported on Multi-Walled Carbon Nanotubes. <i>Catalysis Letters</i> , 2014, 144, 1009-1015.	1.4	22
90	Synthesis of reverse micelle FeOOH nanoparticles in ionic liquid as an only electrolyte: Inhibition of electron-hole pair recombination for efficient photoactivity. <i>Applied Catalysis A: General</i> , 2014, 469, 33-44.	2.2	47

#	ARTICLE	IF	CITATIONS
91	Recent scenario and technologies to utilize non-edible oils for biodiesel production. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 37, 840-851.	8.2	142
92	Determination of Lewis and Brønsted acid sites by gas flow-injection technique. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2014, 6, .	0.4	2
93	Role of 3-aminopropyltriethoxysilane in the preparation of mesoporous silica nanoparticles for ibuprofen delivery: Effect on physicochemical properties. <i>Microporous and Mesoporous Materials</i> , 2013, 180, 235-241.	2.2	91
94	Relating cumene hydrocracking activity to the acidic center of CrO ₃ –ZrO ₂ . <i>Journal of Molecular Catalysis A</i> , 2013, 377, 162-172.	4.8	9
95	Tailoring the current density to enhance photocatalytic activity of CuO/HY for decolorization of malachite green. <i>Journal of Electroanalytical Chemistry</i> , 2013, 701, 50-58.	1.9	52
96	Cost-effective microwave rapid synthesis of zeolite NaA for removal of methylene blue. <i>Chemical Engineering Journal</i> , 2013, 229, 388-398.	6.6	116
97	One-pot electro-synthesis of ZrO ₂ –ZnO/HY nanocomposite for photocatalytic decolorization of various dye-contaminants. <i>Chemical Engineering Journal</i> , 2013, 225, 254-265.	6.6	75
98	Sequential desilication–isomorphous substitution route to prepare mesostructured silica nanoparticles loaded with ZnO and their photocatalytic activity. <i>Applied Catalysis A: General</i> , 2013, 468, 276-287.	2.2	69
99	Ir/Pt-HZSM5 for n-pentane isomerization: Effect of Si/Al ratio and reaction optimization by response surface methodology. <i>Chemical Engineering Journal</i> , 2013, 217, 300-309.	6.6	47
100	Electrochemical strategy for grown ZnO nanoparticles deposited onto HY zeolite with enhanced photodecolorization of methylene blue: Effect of the formation of SiOZn bonds. <i>Applied Catalysis A: General</i> , 2013, 456, 144-158.	2.2	83
101	C ₅ –C ₇ linear alkane hydroisomerization over MoO ₃ –ZrO ₂ and Pt/MoO ₃ –ZrO ₂ catalysts. <i>Journal of Catalysis</i> , 2013, 303, 50-59.	3.1	52
102	Formation of acidic Brønsted (MoO _x)–(Hy) ⁺ evidenced by XRD and 2,6-lutidine FTIR spectroscopy for cumene cracking. <i>Applied Catalysis A: General</i> , 2013, 459, 8-16.	2.2	21
103	Co ₃ O ₄ doped over SBA 15: excellent adsorbent materials for the removal of methyleneblue dye Pollutant. <i>Clean Technologies and Environmental Policy</i> , 2013, 15, 967-975.	2.1	15
104	Activities of Heterogeneous Acid-Base Catalysts for Fragrances Synthesis: A Review. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2013, 8, .	0.5	7
105	Novel removal of water-insoluble disperse dye onto a low-cost adsorbent prepared from tropical fruit waste. <i>Desalination and Water Treatment</i> , 2012, 49, 337-347.	1.0	11
106	Ir/Pt-HZSM5 for n-pentane isomerization: Effect of iridium loading on the properties and catalytic activity. <i>Journal of Catalysis</i> , 2012, 294, 128-135.	3.1	48
107	Interaction of Zn ²⁺ with extraframework aluminum in HBEA zeolite and its role in enhancing n-pentane isomerization. <i>Applied Catalysis A: General</i> , 2012, 431-432, 104-112.	2.2	35
108	WO ₃ monolayer loaded on ZrO ₂ : Property–activity relationship in n-butane isomerization evidenced by hydrogen adsorption and IR studies. <i>Applied Catalysis A: General</i> , 2012, 433-434, 49-57.	2.2	52

#	ARTICLE	IF	CITATIONS
109	Isomorphous substitution of Zr in the framework of aluminosilicate HY by an electrochemical method: Evaluation by methylene blue decolorization. <i>Applied Catalysis B: Environmental</i> , 2012, 125, 311-323.	10.8	81
110	Utilization of bivalve shell-treated <i>Zea mays</i> L. (maize) husk leaf as a low-cost biosorbent for enhanced adsorption of malachite green. <i>Bioresource Technology</i> , 2012, 120, 218-224.	4.8	112
111	Modified oil palm leaves adsorbent with enhanced hydrophobicity for crude oil removal. <i>Chemical Engineering Journal</i> , 2012, 203, 9-18.	6.6	172
112	Amino modified mesostructured silica nanoparticles for efficient adsorption of methylene blue. <i>Journal of Colloid and Interface Science</i> , 2012, 386, 307-314.	5.0	130
113	Photodecolorization of methyl orange over γ -Fe ₂ O ₃ -supported HY catalysts: The effects of catalyst preparation and dealumination. <i>Chemical Engineering Journal</i> , 2012, 191, 112-122.	6.6	93
114	Study of the interaction between hydrogen and the MoO ₃ -ZrO ₂ catalyst. <i>Applied Catalysis A: General</i> , 2012, 413-414, 176-182.	2.2	18
115	IR study of iridium bonded to perturbed silanol groups of Pt-HZSM5 for n-pentane isomerization. <i>Applied Catalysis A: General</i> , 2012, 417-418, 190-199.	2.2	37
116	Negative effect of Ni on PtHY in n-pentane isomerization evidenced by IR and ESR studies. <i>Journal of Natural Gas Chemistry</i> , 2012, 21, 29-36.	1.8	19
117	Effect of iridium loading on HZSM-5 for isomerization of n-heptane. <i>Journal of Natural Gas Chemistry</i> , 2011, 20, 477-482.	1.8	9
118	IR study of active sites for n-heptane isomerization over MoO ₃ -ZrO ₂ . <i>Applied Catalysis A: General</i> , 2011, 406, 102-112.	2.2	23
119	Hydrogen spillover behavior of Zn/HZSM-5 showing catalytically active protonic acid sites in the isomerization of n-pentane. <i>Applied Catalysis A: General</i> , 2011, 407, 91-99.	2.2	61
120	Recovery of gold(III) from an aqueous solution onto a durio zibethinus husk. <i>Biochemical Engineering Journal</i> , 2011, 54, 124-131.	1.8	58
121	Generation of protonic acid sites from pentane on the surfaces of Pt/SO ₄ ²⁻ -ZrO ₂ and Zn/H-ZSM5 evidenced by IR study of adsorbed pyridine. <i>Applied Catalysis A: General</i> , 2010, 372, 90-93.	2.2	36
122	Complete electrochemical dechlorination of chlorobenzenes in the presence of various arene mediators. <i>Journal of Hazardous Materials</i> , 2010, 174, 581-585.	6.5	44
123	Adsorption of methyl orange from aqueous solution onto calcined Lapindo volcanic mud. <i>Journal of Hazardous Materials</i> , 2010, 181, 755-762.	6.5	223
124	Kinetics study of hydrogen adsorption over Pt/MoO ₃ . <i>Applied Catalysis A: General</i> , 2010, 372, 103-107.	2.2	32
125	Complete electrochemical dechlorination of chlorobenzenes in the presence of naphthalene mediator. <i>Journal of Hazardous Materials</i> , 2007, 148, 1-5.	6.5	31
126	Study of Hydrogen Adsorption on Pt/WO ₃ -ZrO ₂ through Pt Sites. <i>Journal of Natural Gas Chemistry</i> , 2007, 16, 252-257.	1.8	40

#	ARTICLE	IF	CITATIONS
127	Carbon Dioxide Fixation Method for Electrosynthesis of Benzoic Acid from Chlorobenzene. Journal of Natural Gas Chemistry, 2007, 16, 273-277.	1.8	7
128	The Effect of Sulfate Ion on the Isomerization of n-Butane to iso-Butane. Journal of Natural Gas Chemistry, 2006, 15, 247-252.	1.8	24
129	Title is missing!. Catalysis Letters, 2003, 85, 109-115.	1.4	16
130	IR study of acid sites on WO ₃ -ZrO ₂ and Pt/WO ₃ -ZrO ₂ . Applied Catalysis A: General, 2003, 242, 101-109.	2.2	81
131	IR study of acid sites on WO ₃ -ZrO ₂ . Applied Catalysis A: General, 2003, 250, 75-81.	2.2	47
132	Kinetic study of hydrogen adsorption on Pt/WO ₃ -ZrO ₂ and WO ₃ -ZrO ₂ . Applied Catalysis A: General, 2003, 250, 65-73.	2.2	37
133	Enantioselective oxidation of sulfide to sulfoxide on Ti-containing mesoporous silica prepared by a template-ion exchange method. Microporous and Mesoporous Materials, 2001, 48, 271-277.	2.2	40