Tsuneji Sano

List of Publications by Year
in descending order

309 papers	8,325 citations	44042 48 h-index	85498 71 g-index
319 all docs	319 docs citations	319 times ranked	6327 citing authors

#	Article	IF	Citations
1	Revealing scenarios of interzeolite conversion from FAU to AEI through the variation of starting materials. Physical Chemistry Chemical Physics, 2022, 24, 4136-4146.	1.3	13
2	Dual Templating for AFX/LEV Intergrowth Zeolite. Chemistry Letters, 2022, 51, 121-123.	0.7	1
3	Preyssler-type phosphotungstate is a new family of negative-staining reagents for the TEM observation of viruses. Scientific Reports, 2022, 12, 7554.	1.6	9
4	Dealumination of small-pore zeolites through pore-opening migration process with the aid of pore-filler stabilization. Science Advances, 2022, 8, .	4.7	9
5	Ultrafast dealumination of *BEA zeolite using a continuous-flow reactor. Advanced Powder Technology, 2022, 33, 103702.	2.0	1
6	In situ/operando spectroscopic studies on NH3â€“SCR reactions catalyzed by a phosphorus-modified Cu-CHA zeolite. Catalysis Today, 2021, 376, 73-80.	2.2	12
7	Ultrafast and continuous-flow synthesis of AFX zeolite <i>via</i> interzeolite conversion of FAU zeolite. Reaction Chemistry and Engineering, 2021, 6, 74-81.	1.9	7
8	Tracking the crystallization behavior of high-silica FAU during AEI-type zeolite synthesis using acid treated FAU-type zeolite. RSC Advances, 2021, 11, 23082-23089.	1.7	10
9	Multiple templating strategy for the control of aluminum and phosphorus distributions in AFX zeolite. Microporous and Mesoporous Materials, 2021, 321, 111124.	2.2	5
10	Synthesis of Phosphorus-Modified AFX Zeolite by the Hydrothermal Conversion of Tetraalkylphosphonium Hydroxide-Impregnated FAU Zeolite. Bulletin of the Chemical Society of Japan, 2021, 94, 1-7.	2.0	6
11	Recent progress in the improvement of hydrothermal stability of zeolites. Chemical Science, 2021, 12, 7677-7695.	3.7	49
12	Formation Pathway of AEI Zeolites as a Basis for a Streamlined Synthesis. Chemistry of Materials, 2020, 32, 60-74.	3.2	30
13	Theoretical study on 31P NMR chemical shifts of phosphorus-modified CHA zeolites. Microporous and Mesoporous Materials, 2020, 294, 109908.	2.2	26
14	Triple-template system for phosphorus-modified AFX/CHA intergrowth zeolite. Microporous and Mesoporous Materials, 2020, 309, 110540.	2.2	5
15	High-quality synthesis of a nanosized CHA zeolite by a combination of a starting FAU zeolite and aluminum sources. Dalton Transactions, 2020, 49, 9972-9982.	1.6	21
16	Synthesis of Preyssler-Type Phosphotungstate with Sodium Cation in the Central Cavity through Migration of the Ion. Bulletin of the Chemical Society of Japan, 2020, 93, 461-466.	2.0	5
17	<i>In Situ</i> Spectroscopic Studies on the Redox Cycle of NH₃â^’SCR over Cuâ^’CHA Zeolites. ChemCatChem, 2020, 12, 3050-3059.	1.8	64
18	Rapid Synthesis of Hydrothermally Stable ZSM-5 in the Presence of 1-Butanol. Chemistry Letters, 2020, 49, 1006-1008.	0.7	5

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19	Comparison of sulfonic acid loaded mesoporous silica in transesterification of triacetin. Reaction Kinetics, Mechanisms and Catalysis, 2019, 126, 167-179.	0.8	22
20	Immobilizaion of Preyssler type heteropoly acids on siliceous mesporous supports and their catalytic activities in the dehydration of ethanol. Reaction Kinetics, Mechanisms and Catalysis, 2019, 128, 139-147.	0.8	6
21	Condensed ferric dimers for green photocatalytic synthesis of nylon precursors. Chemical Science, 2019, 10, 6604-6611.	3.7	14
22	Photocatalytic Activation of Câ€“H Bonds by Spatially Controlled Chlorine and Titanium on the Silicate Layer. ACS Catalysis, 2019, 9, 5742-5751.	5.5	22
23	Synthesis of GME zeolite with high porosity by hydrothermal conversion of FAU zeolite using a dual-template method with tetraethylphosphonium and N,N-dimethyl-3,5-dimethylpiepridinium hydroxides. Journal of Porous Materials, 2019, 26, 1345-1352.	1.3	8
24	Phosphorus modified small-pore zeolites and their catalytic performances in ethanol conversion and NH3-SCR reactions. Applied Catalysis A: General, 2019, 575, 204-213.	2.2	33
25	Microporous materials formed via intercalation of ultrathin coordination polymers in a layered silicate. Nano Energy, 2019, 59, 162-168.	8.2	8
26	A Sandwich Complex of Bismuth Cation and Monoâ€Lacunary Î±â€Kegginâ€Type Phosphotungstate: Preparation and Structural Characterisation. European Journal of Inorganic Chemistry, 2019, 2019, 357-362.	1.0	8
27	Facile synthesis of highly crystalline EMT zeolite by hydrothermal conversion of FAU zeolite in the presence of 1,1â€™-(1,4-butanediyl)bis(1-azonia-4-azabicyclo [2,2,2]octane) dihydroxide. Microporous and Mesoporous Materials, 2019, 274, 299-303.	2.2	8
28	Zeolite hydrothermal conversion in the presence of various cyclic alkylammonium cations and synthesis of nanosized BEA and MFI zeolites. Microporous and Mesoporous Materials, 2019, 277, 115-123.	2.2	16
29	Comparative study between high-silica faujasites (FAU) from organic-free system and the commercial zeolite Y. Microporous and Mesoporous Materials, 2019, 276, 154-159.	2.2	22
30	Preparation of Preyssler-type Phosphotungstate with One Central Potassium Cation and Potassium Cation Migration into the Preyssler Molecule to form Di-Potassium-Encapsulated Derivative. ACS Omega, 2018, 3, 2363-2373.	1.6	17
31	Synthesis of phosphorus-modified AFX zeolite using a dual-template method with tetraethylphosphonium hydroxide as phosphorus modification agent. Microporous and Mesoporous Materials, 2018, 267, 192-197.	2.2	22
32	A Collective Case Screening of the Zeolites made in Japan for High Performance NH3-SCR of NOx. Bulletin of the Chemical Society of Japan, 2018, 91, 355-361.	2.0	36
33	Reactivity of a (Benzene)Ruthenium(II) Cation on a Di-lacunary Î³-Keggin-Type Silicotungstate and Synthesis of a Mono-(Benzene)Ruthenium(II)-Attached Î³-Keggin-Type Silicotungstate. European Journal of Inorganic Chemistry, 2018, 2018, 1776-1776.	1.0	0
34	Highly Active Layered Titanosilicate Catalyst with High Surface Density of Isolated Titanium on the Accessible Interlayer Surface. ChemCatChem, 2018, 10, 2536-2540.	1.8	25
35	Reactivity of a (Benzene)Ruthenium(II) Cation on a Diâ€lacunary Î³â€Kegginâ€Type Silicotungstate and Synthesis of a Monoâ€(Benzene)Ruthenium(II)â€Attached Î³â€Kegginâ€Type Silicotungstate. European Journal of Inorganic Chemistry, 2018, 2018, 1778-1786.	1.0	4
36	Iron Aquo Complex as an Efficient and Selective Homogeneous Photocatalyst for Organic Synthetic Reactions. ChemCatChem, 2018, 10, 4509-4513.	1.8	10

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37	An Isomorphously Substituted Fe-BEA Zeolite with High Fe Content: Facile Synthesis and Characterization. Journal of Nanoscience and Nanotechnology, 2018, 18, 11-19.	0.9	6
38	Stepwise Gel Preparation for High-Quality CHA Zeolite Synthesis: AÂCommon Tool for Synthesis Diversification. Crystal Growth and Design, 2018, 18, 5652-5662.	1.4	15
39	Synthesis of Îµ-Keggin-Type Cobaltomolybdate-Based 3D Framework Material and Characterization Using Atomic-Scale HAADF-STEM and XANES. Inorganic Chemistry, 2017, 56, 2042-2049.	1.9	13
40	ZTS-1 and ZTS-2: Novel intergrowth zeolites with AFX/CHA structure. Microporous and Mesoporous Materials, 2017, 254, 160-169.	2.2	22
41	Design of a highly active base catalyst through utilizing organic-solvent-treated layered silicate Hiroshima University Silicates. Dalton Transactions, 2017, 46, 7441-7450.	1.6	16
42	Mesoporous MCM-48 Immobilized with Aminopropyltriethoxysilane: A Potential Catalyst for Transesterification of Triacetin. Catalysis Letters, 2017, 147, 1040-1050.	1.4	32
43	Incorporation of various heterometal atoms in CHA zeolites by hydrothermal conversion of FAU zeolite and their performance for selective catalytic reduction of NO x with ammonia. Microporous and Mesoporous Materials, 2017, 246, 89-101.	2.2	27
44	Enhanced Photocatalytic Activity of a Layered Titanate Achieved via Simple Mixing with TiO2-Based Photocatalysts as Additives. Bulletin of the Chemical Society of Japan, 2017, 90, 1276-1278.	2.0	3
45	Thermally stable nanosized LEV zeolites synthesized by hydrothermal conversion of FAU zeolites in the presence of N,N-dimethylpiperidinium cations. Journal of Materials Chemistry A, 2017, 5, 19245-19254.	5.2	34
46	Production of Light Olefins from Methanol and Ethanol Using ZSM-5 Type Zeolite Catalysts. Journal of the Japan Petroleum Institute, 2017, 60, 263-276.	0.4	6
47	Remarkable Charge Separation and Photocatalytic Efficiency Enhancement through Interconnection of TiO₂ Nanoparticles by Hydrothermal Treatment. Angewandte Chemie, 2016, 128, 3664-3669.	1.6	16
48	Fe oxide nanoparticles/Ti-modified mesoporous silica as a photo-catalyst for efficient and selective cyclohexane conversion with O₂ and solar light. Journal of Materials Chemistry A, 2016, 4, 15829-15835.	5.2	26
49	One-pot Synthesis of Phosphorus-modified AEI Zeolites Derived by the Dual-template Method as a Durable Catalyst with Enhanced Thermal/Hydrothermal Stability for Selective Catalytic Reduction of NO<i>_x</i> by NH₃. Chemistry Letters, 2016, 45, 122-124.	0.7	36
50	Encapsulation of Two Potassium Cations in Preyssler-Type Phosphotungstates: Preparation, Structural Characterization, Thermal Stability, Activity as an Acid Catalyst, and HAADF-STEM Images. Inorganic Chemistry, 2016, 55, 11583-11592.	1.9	13
51	Remarkable Charge Separation and Photocatalytic Efficiency Enhancement through Interconnection of TiO₂ Nanoparticles by Hydrothermal Treatment. Angewandte Chemie - International Edition, 2016, 55, 3600-3605.	7.2	116
52	Preparation of Î±₁- and Î±₂-isomers of mono-Ru-substituted Dawson-type phosphotungstates with an aqua ligand and comparison of their redox potentials, catalytic activities, and thermal stabilities with Keggin-type derivatives. Dalton Transactions, 2016, 45, 3715-3726.	1.6	16
53	Nanosized CHA zeolites with high thermal and hydrothermal stability derived from the hydrothermal conversion of FAU zeolite. Microporous and Mesoporous Materials, 2016, 225, 524-533.	2.2	86
54	Synthesis of phosphorus-modified small-pore zeolites utilizing tetraalkyl phosphonium cations as both structure-directing and phosphorous modification agents. Microporous and Mesoporous Materials, 2016, 223, 129-139.	2.2	51

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55	Development of ZSM-5-Type Zeolite Catalysts Containing Alkaline Earth Metals for Conversion of Methanol to Light Olefins. Advanced Porous Materials, 2016, 4, 9-23.	0.3	2
56	Hydrothermal Conversion of Titanated FAU to AEI Zeolite and Its Enhanced Catalytic Performance for NO_{<I>x</I>} Reduction. Advanced Porous Materials, 2016, 4, 62-72.	0.3	12
57	Synthesis of Fe-Based BEA Zeolites in Fluoride Media and Their Catalytic Performance in the NH₃-SCR of NO_{<I>x</I>}. Advanced Porous Materials, 2016, 4, 125-133.	0.3	2
58	CHA Zeolite Membrane. , 2016, , 360-362.		0
59	Fe Species in Isomorphously Substituted Fe-Based BEA Zeolites for Low-Temperature Selective Catalytic Reduction of NO_{<I>x</I>}. Advanced Porous Materials, 2016, 4, 91-101.	0.3	0
60	Preparation and Structural Characterization of Mono-Ru-Substituted Î±2-Dawson-Type Phosphotungstate with a Carbonyl Ligand and Other Ru(CO)-Substituted Heteropolytungstates. European Journal of Inorganic Chemistry, 2015, 2015, 2714-N2723.	1.0	10
61	Cation Effect on Formation of Preysslerâ€type 30â€Tungstoâ€5â€phosphate: Enhanced Yield of Naâ€encapsulated Derivative and Direct Synthesis of Caâ€•and Biâ€Encapsulated Derivatives. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 2670-2676.	0.6	20
62	Synthesis of titanated chabazite with enhanced thermal stability by hydrothermal conversion of titanated faujasite. Microporous and Mesoporous Materials, 2015, 215, 58-66.	2.2	32
63	Highly active and selective Ti-incorporated porous silica catalysts derived from grafting of titanium(<scp>iv</scp>)acetylacetonate. Journal of Materials Chemistry A, 2015, 3, 15280-15291.	5.2	30
64	Design of Microporous Material HUS-10 with Tunable Hydrophilicity, Molecular Sieving, and CO₂ Adsorption Ability Derived from Interlayer Silylation of Layered Silicate HUS-2. ACS Applied Materials & Interfaces, 2015, 7, 24360-24369.	4.0	20
65	Synthesis of high-silica AEI zeolites with enhanced thermal stability by hydrothermal conversion of FAU zeolites, and their activity in the selective catalytic reduction of NO_x with NH₃. Journal of Materials Chemistry A, 2015, 3, 857-865.	5.2	95
66	Functionalization of Layered Titanates. Journal of Nanoscience and Nanotechnology, 2014, 14, 2135-2147.	0.9	48
67	Preparation and Characterization of Preysslerâ€type Phosphotungstic Acid, H_{15â€"<i>n</i>}[P₅W₃₀O₁₁₀<i>Mⁿ</i>⁺], with Different Encapsulated Cations (<i>M</i> = Na, Ca, Bi, Eu, Y, or Ce), and their Thermal Stability and Acid Catalyst Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1314-1321.	0.6	20
68	Effect of crystal size and surface modification of ZSM-5 zeolites on conversion of ethanol to propylene. Journal of Porous Materials, 2014, 21, 433-440.	1.3	17
69	Synthesis and characteristics of novel layered silicate HUS-7 using benzyltrimethylammonium hydroxide and its unique and selective phenol adsorption behavior. Journal of Materials Chemistry A, 2014, 2, 3372.	5.2	22
70	Extraordinary effects of an argon atmosphere on TiO2 photocatalysis. Physical Chemistry Chemical Physics, 2014, 16, 7913.	1.3	3
71	Microporous titanate nanofibers for highly efficient UV-protective transparent coating. Journal of Materials Chemistry A, 2014, 2, 16381-16388.	5.2	46
72	Design of Layered Silicate by Grafting with Metal Acetylacetonate for High Activity and Chemoselectivity in Photooxidation of Cyclohexane. ACS Applied Materials & Interfaces, 2014, 6, 4616-4621.	4.0	28

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73	Preparation and Redox Studies of Î±₁- and Î±₂-Isomers of Mono-Ru-Substituted Dawson-type Phosphotungstates with a DMSO Ligand: [Î±₁/Î±₂-P₂W₁₇O₆₁Ru^{II}(DMSO)]^{8â€“}. Inorganic Chemistry, 2014, 53, 3526-3539.	1.9	16
74	Synthesis and Structural Characterization of Isomers of Ru-Substituted Keggin-Type Germanotungstate with dmso Ligand. Journal of Cluster Science, 2014, 25, 755-770.	1.7	9
75	Recreation of BrÃ¸nsted acid sites in phosphorus-modified HZSM-5(Ga) by modification with various metal cations. Applied Catalysis A: General, 2014, 481, 161-168.	2.2	14
76	Hydrothermal conversion of FAU and â^—BEA-type zeolites into MAZ-type zeolites in the presence of non-calcined seed crystals. Microporous and Mesoporous Materials, 2014, 196, 254-260.	2.2	38
77	Incorporation of Heteropolyacids into Layered Silicate HUS-2 Grafted with 3-(Aminopropyl)triethoxysilane. Bulletin of the Chemical Society of Japan, 2014, 87, 1379-1385.	2.0	10
78	Surface silylation of silicalite membranes and their pervaporation performance for the separation of ethanol from ethanol-water mixtures. Journal of the Ceramic Society of Japan, 2014, 122, 357-360.	0.5	1
79	An Efficient Way to Synthesize Hiroshima University Silicate-1 (HUS-1) and the Selective Adsorption Property of Ni2+ from Seawater. Bulletin of the Chemical Society of Japan, 2014, 87, 160-166.	2.0	10
80	Facile Synthesis of AEI Zeolites by Hydrothermal Conversion of FAU Zeolites in the Presence of Tetraethylphosphonium Cations. Chemistry Letters, 2014, 43, 302-304.	0.7	52
81	ã€Original Contributionã€‘Preparation of Highâ€"Silica Chabazite Membrane. Membrane, 2014, 39, 56-60.	0.0	3
82	CHA Zeolite Membrane. , 2014, , 1-3.		0
83	Layered Silicate as an Excellent Partner of a TiO₂ Photocatalyst for Efficient and Selective Green Fine-Chemical Synthesis. Journal of the American Chemical Society, 2013, 135, 11784-11786.	6.6	57
84	Characterization of layered silicate HUS-5 and formation of novel nanoporous silica through transformation of HUS-5 ion-exchanged with alkylammonium cations. Journal of Materials Chemistry A, 2013, 1, 9680.	5.2	13
85	Preparation of tetrabutylammonium salt of a mono-Ru(iii)-substituted Î±-Keggin-type silicotungstate with a 4,4â€²-bipyridine ligand and its electrochemical behaviour in organic solvents. Dalton Transactions, 2013, 42, 7190.	1.6	12
86	Precisely designed layered silicate as an effective and highly selective CO2 adsorbent. Chemical Communications, 2013, 49, 9027.	2.2	24
87	Determination of Î±-Keggin structure of [GeW₁₁O₃₉Ru^{III}(H₂O)]^{5â^’}. Reaction of [GeW₁₁O₃₉Ru^{III}(H₂O)]^{5â^’}with dimethyl sulfoxide to form [GeW₁₁O₃₉Ru^{III}(dmso)]^{5â^’}and their structural characterization. Dalton Transactions, 2013, 42, 2540-2545.	1.6	20
88	One-pot synthesis of microporous and mesoporous (NH4)3PW12O40 by reaction of in-situ generated PW12O403â^’ with NH4+ in a strongly acidic solution. Materials Research Bulletin, 2013, 48, 4157-4162.	2.7	5
89	First synthesis of SAPO molecular sieve with LTL-type structure by hydrothermal conversion of SAPO-37 with FAU-type structure. Microporous and Mesoporous Materials, 2013, 179, 224-230.	2.2	9
90	Effects of Au Loading and CO₂ Addition on Photocatalytic Selective Phenol Oxidation over TiO₂â€Supported Au Nanoparticles. ChemCatChem, 2013, 5, 766-773.	1.8	23

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91	Ternary modified TiO2 as a simple and efficient photocatalyst for green organic synthesis. Chemical Communications, 2013, 49, 3652.	2.2	26
92	Role of Structural Similarity Between Starting Zeolite and Product Zeolite in the Interzeolite Conversion Process. Journal of Nanoscience and Nanotechnology, 2013, 13, 3020-3026.	0.9	67
93	Combustion of volatile organic compounds over composite catalyst of Pt/Î³-Al₂O₃and beta zeolite. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2013, 48, 667-674.	0.9	8
94	Effect of Structure-Directing Agents on FAUâ€“CHA Interzeolite Conversion and Preparation of High Pervaporation Performance CHA Zeolite Membranes for the Dehydration of Acetic Acid Solution. Bulletin of the Chemical Society of Japan, 2013, 86, 1333-1340.	2.0	19
95	Molecular Recognitive Adsorption of Aqueous Propionic Acid on Hiroshima University Silicate-2 (HUS-2). Chemistry Letters, 2013, 42, 244-246.	0.7	8
96	High Potential of Interzeolite Conversion Method for Zeolite Synthesis. Journal of the Japan Petroleum Institute, 2013, 56, 183-197.	0.4	87
97	Conversion of Ethanol into Propylene over TON Type Zeolite. Journal of the Japan Petroleum Institute, 2013, 56, 22-31.	0.4	10
98	Effect of Oxygen Concentration in NH₃-SCR Reaction over Fe- and Cu-loaded Beta Zeolites. Journal of the Japan Petroleum Institute, 2012, 55, 57-66.	0.4	6
99	Adsorption of Toluene on Alkali Metal Ion-Exchanged ZSM-5 and Î²-Zeolites under Humid Conditions. Bulletin of the Chemical Society of Japan, 2012, 85, 869-876.	2.0	15
100	Effective and Selective Bisphenol A Synthesis on a Layered Silicate with Spatially Arranged Sulfonic Acid. ACS Applied Materials & Interfaces, 2012, 4, 2186-2191.	4.0	29
101	Hydrothermal and solid-state transformation of ruthenium-supported Keggin-type heteropolytungstates [XW11O39{Ru(ii)(benzene)(H2O)}]nâˆ’ (X = P (n = 5), Si (n = 6), Ge (n = 6)) to ruthenium-substituted Keggin-type heteropolytungstates. Dalton Transactions, 2012, 41, 9901.	1.6	33
102	Synthesis and characteristics of novel layered silicates HUS-2 and HUS-3 derived from a SiO2â€“choline hydroxideâ€“NaOHâ€“H2O system. Journal of Materials Chemistry, 2012, 22, 13682.	6.7	39
103	Molecular recognitive adsorption of aqueous tetramethylammonium on the organic derivative of Hiroshima University Silicate-1 with a silane coupling reagent. Chemical Communications, 2012, 48, 7073.	2.2	17
104	Highly efficient and selective sunlight-induced photocatalytic oxidation of cyclohexane on an eco-catalyst under a CO2 atmosphere. Green Chemistry, 2012, 14, 1264.	4.6	27
105	Sunlight-induced effective heterogeneous photocatalytic decomposition of aqueous organic pollutants to CO2 assisted by a CO2 sorbent, amine-containing mesoporous silica. Chemical Communications, 2012, 48, 5521.	2.2	9
106	Efficient and Selective Photocatalytic Cyclohexane Oxidation on a Layered Titanate Modified with Iron Oxide under Sunlight and CO₂ Atmosphere. ACS Catalysis, 2012, 2, 1910-1915.	5.5	61
107	Stabilization of Highâ€Valence Ruthenium with Silicotungstate Ligands: Preparation, Structural Characterization, and Redox Studies of Ruthenium(III)â€Substituted Î±â€Kegginâ€Type Silicotungstates with Pyridine Ligands, [SiW₁₁O₃₉Ru^{III}(Py)]^{5âˆ’}. Chemistry - an Asian Journal, 2012, 7, 1331-1339.	1.7	27
108	Conversion of ethanol to propylene over HZSM-5(Ga) co-modified with lanthanum and phosphorous. Applied Catalysis A: General, 2012, 417-418, 137-144.	2.2	33

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109	Acid stability evaluation of CHA-type zeolites synthesized by interzeolite conversion of FAU-type zeolite and their membrane application for dehydration of acetic acid aqueous solution. Microporous and Mesoporous Materials, 2012, 158, 141-147.	2.2	90
110	Transformation of LEV-type zeolite into less dense CHA-type zeolite. Microporous and Mesoporous Materials, 2012, 158, 117-122.	2.2	71
111	Synthesis and Crystal Structure of a Layered Silicate HUS-1 with a Halved Sodalite-Cage Topology. Inorganic Chemistry, 2011, 50, 2294-2301.	1.9	34
112	Sunlight-induced efficient and selective photocatalytic benzene oxidation on TiO2-supported gold nanoparticles under CO2 atmosphere. Chemical Communications, 2011, 47, 11531.	2.2	55
113	Ethylbenzene dehydrogenation over FeOx/(Mg,Zn)(Al)O catalysts derived from hydrotalcites: Role of MgO as basic sites. Applied Catalysis A: General, 2011, 398, 113-122.	2.2	37
114	Preparation of Crystalline Tungsten Oxide Nanorods with Enhanced Photocatalytic Activity under Visible Light Irradiation. Chemistry Letters, 2011, 40, 443-445.	0.7	19
115	Molybdenum Cluster Halide Compound Mo6Cl12(OH2)2 with Six-Handed Linkage Hydrogen Bonding. Bulletin of the Chemical Society of Japan, 2011, 84, 379-385.	2.0	4
116	Incorporation of highly dispersed aluminum into inner surfaces of supermicroporous silica using anionic surfactant. Journal of Porous Materials, 2011, 18, 493-500.	1.3	2
117	Hydrothermal conversion of FAU zeolite into LEV zeolite in the presence of non-calcined seed crystals. Journal of Crystal Growth, 2011, 325, 96-100.	0.7	45
118	Preparation and StructuralCharacterization of Ru^{II}â€ÐDMSO and Ru^{III}â€ÐDMSOâ€substituted Î±â€Kegginâ€type Phosphotungstates, [PW₁₁O₃₉Ru^{II}DMSO]^{5â€“} and [PW₁₁O₃₉Ru^{III}DMSO]^{4â€“}, and Catalytic Activity for Water Oxidation. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1467-1474.	0.6	31
119	Thermal Stability and Acidic Strength of Preysslerâ€Type Phosphotungstic Acid, H₁₄[P₅W₃₀O₁₁₀Na] and It's Catalytic Activity for Hydrolysis of Alkyl Acetates. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 2120-2124.	0.6	18
120	Influence of structural differences and acidic properties of phosphotungstic acids on their catalytic performance for acylation of pyruvate ester to Î±-acyloxyacrylate ester. Catalysis Today, 2011, 164, 107-111.	2.2	11
121	Unique surface property of surfactant-assisted mesoporous calcium phosphate. Microporous and Mesoporous Materials, 2011, 141, 56-60.	2.2	9
122	Synthesis of high-silica CHA type zeolite by interzeolite conversion of FAU type zeolite in the presence of seed crystals. Microporous and Mesoporous Materials, 2011, 144, 91-96.	2.2	107
123	Ethylbenzene dehydrogenation over Mg3Fe0.5â^’xCoxAl0.5 catalysts derived from hydrotalcites: Comparison with Mg3Fe0.5â^’yNiyAl0.5 catalysts. Applied Catalysis A: General, 2011, 396, 107-115.	2.2	10
124	Effect of acidity of ZSM-5 zeolite on conversion of ethanol to propylene. Applied Catalysis A: General, 2011, 399, 262-267.	2.2	66
125	FAUâ€“LEV interzeolite conversion in fluoride media. Microporous and Mesoporous Materials, 2011, 138, 32-39.	2.2	29
126	Influence of seeding on FAUâ€“â^—BEA interzeolite conversions. Microporous and Mesoporous Materials, 2011, 142, 161-167.	2.2	64

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127	Influence of starting zeolite on synthesis of RUT type zeolite by interzeolite conversion method. Journal of Crystal Growth, 2011, 314, 274-278.	0.7	21
128	Synthesis of high-silica offretite by the interzeolite conversion method. Materials Research Bulletin, 2010, 45, 646-650.	2.7	42
129	Conversion of ethanol to propylene over HZSM-5 type zeolites containing alkaline earth metals. Applied Catalysis A: General, 2010, 383, 89-95.	2.2	81
130	Ethylbenzene dehydrogenation over binary FeOxâ€"MeOy/Mg(Al)O catalysts derived from hydrotalcites. Applied Catalysis A: General, 2010, 390, 225-234.	2.2	37
131	Synthesis of single phase Ca-Î±-SiAlON using Y-type zeolite. Journal of the European Ceramic Society, 2010, 30, 1537-1541.	2.8	6
132	Mesoporous silicas containing carboxylic acid: Preparation, thermal degradation, and catalytic performance. Applied Catalysis A: General, 2010, 372, 82-89.	2.2	8
133	Preparation of Ti incorporated Y zeolites by a post-synthesis method under acidic conditions and their catalytic properties. Applied Catalysis A: General, 2010, 388, 256-261.	2.2	23
134	Direct observation of surface structure of mesoporous silica with low acceleration voltage FE-SEM. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 357, 11-16.	2.3	31
135	Structural transformations of lamellar assembly of polysilsesquioxane nanosheets and arsenate adsorptions on transformed variants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 360, 159-166.	2.3	2
136	Control of spacing between aminoalkyl functions by mesostructural transition in a polysilsesquioxane lamellar assembly. Journal of Materials Chemistry, 2010, 20, 2024.	6.7	11
137	Processing of ethanol fermentation broths by <i>Candida krusei</i> to separate bioethanol by pervaporation using silicone rubberâ€coated silicalite membranes. Journal of Chemical Technology and Biotechnology, 2009, 84, 1172-1177.	1.6	13
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