

Peng Wu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4211858/publications.pdf>

Version: 2024-02-01

372
papers

18,031
citations

11651

70
h-index

22832

112
g-index

379
all docs

379
docs citations

379
times ranked

14032
citing authors

#	ARTICLE	IF	CITATIONS
1	A critical review of the use of 3-D printing in the construction industry. <i>Automation in Construction</i> , 2016, 68, 21-31.	9.8	592
2	Facile Large-Scale Synthesis of Monodisperse Mesoporous Silica Nanospheres with Tunable Pore Structure. <i>Journal of the American Chemical Society</i> , 2013, 135, 2427-2430.	13.7	439
3	A Critical Review of the Use of Virtual Reality in Construction Engineering Education and Training. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1204.	2.6	395
4	A Novel Titanosilicate with MWW Structure. I. Hydrothermal Synthesis, Elimination of Extraframework Titanium, and Characterizations. <i>Journal of Physical Chemistry B</i> , 2001, 105, 2897-2905.	2.6	328
5	Synthesis, Crystallization Mechanism, and Catalytic Properties of Titanium-Rich TS-1 Free of Extraframework Titanium Species. <i>Journal of the American Chemical Society</i> , 2008, 130, 10150-10164.	13.7	326
6	Accelerating charging dynamics in subnanometre pores. <i>Nature Materials</i> , 2014, 13, 387-393.	27.5	303
7	A Low-Cost, Self-Standing NiCo ₂ O ₄ @CNT/CNT Multilayer Electrode for Flexible Asymmetric Solid-State Supercapacitors. <i>Advanced Functional Materials</i> , 2017, 27, 1702160.	14.9	277
8	A Novel Titanosilicate with MWW Structure: II. Catalytic Properties in the Selective Oxidation of Alkenes. <i>Journal of Catalysis</i> , 2001, 202, 245-255.	6.2	239
9	Photoemission Mechanism of Water-Soluble Silver Nanoclusters: Ligand-to-Metal-Metal Charge Transfer vs Strong Coupling between Surface Plasmon and Emitters. <i>Journal of the American Chemical Society</i> , 2014, 136, 1686-1689.	13.7	224
10	Methodology for Synthesizing Crystalline Metallosilicates with Expanded Pore Windows Through Molecular Alkoxysilylation of Zeolitic Lamellar Precursors. <i>Journal of the American Chemical Society</i> , 2008, 130, 8178-8187.	13.7	216
11	Postsynthesis and Selective Oxidation Properties of Nanosized Sn-Beta Zeolite. <i>Journal of Physical Chemistry C</i> , 2011, 115, 3663-3670.	3.1	215
12	Postsynthesis, Characterization, and Catalytic Properties in Alkene Epoxidation of Hydrothermally Stable Mesoporous Ti-SBA-15. <i>Chemistry of Materials</i> , 2002, 14, 1657-1664.	6.7	211
13	Mapping the knowledge domains of Building Information Modeling (BIM): A bibliometric approach. <i>Automation in Construction</i> , 2017, 84, 195-206.	9.8	209
14	Complex Capacitance Scaling in Ionic Liquids-Filled Nanopores. <i>ACS Nano</i> , 2011, 5, 9044-9051.	14.6	188
15	Recent Progress of Thermocatalytic and Photo/Thermocatalytic Oxidation for VOCs Purification over Manganese-based Oxide Catalysts. <i>Environmental Science & Technology</i> , 2021, 55, 4268-4286.	10.0	185
16	Selective formation of p-xylene with disproportionation of toluene over MCM-22 catalysts. <i>Microporous and Mesoporous Materials</i> , 1998, 22, 343-356.	4.4	169
17	A Titanosilicate That Is Structurally Analogous to an MWW-Type Lamellar Precursor. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 236-240.	13.8	162
18	Cost analysis for sustainable off-site construction based on a multiple-case study in China. <i>Habitat International</i> , 2016, 57, 215-222.	5.8	156

#	ARTICLE	IF	CITATIONS
19	Active solid acid catalysts prepared by sulfonation of carbonization-controlled mesoporous carbon materials. <i>Microporous and Mesoporous Materials</i> , 2007, 105, 41-48.	4.4	149
20	Stabilization of Gâ€œQuadruplex DNA with Platinum(II) Schiff Base Complexes: Luminescent Probe and Downâ€œRegulation of câ€œ <i>myc</i>	3.3	149
21	Trends and Opportunities of BIM-GIS Integration in the Architecture, Engineering and Construction Industry: A Review from a Spatio-Temporal Statistical Perspective. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 397.	2.9	145
22	A highly ordered mesoporous polymer supported imidazolium-based ionic liquid: an efficient catalyst for cycloaddition of CO ₂ with epoxides to produce cyclic carbonates. <i>Green Chemistry</i> , 2014, 16, 4767-4774.	9.0	144
23	Unique solvent effect of microporous crystalline titanosilicates in the oxidation of 1-hexene and cyclohexene. <i>Journal of Catalysis</i> , 2008, 256, 62-73.	6.2	142
24	Delamination of Ti-MWW and High Efficiency in Epoxidation of Alkenes with Various Molecular Sizes. <i>Journal of Physical Chemistry B</i> , 2004, 108, 19126-19131.	2.6	140
25	Facile Synthesis of Size Controllable Dendritic Mesoporous Silica Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 22655-22665.	8.0	138
26	Evaluation of sustainable transport research in 2000â€œ2019. <i>Journal of Cleaner Production</i> , 2020, 256, 120404.	9.3	138
27	Origin of the Photoluminescence of Metal Nanoclusters: From Metal-Centered Emission to Ligand-Centered Emission. <i>Nanomaterials</i> , 2020, 10, 261.	4.1	137
28	Vectorization for SIMD architectures with alignment constraints. , 2004, , .		135
29	Cyclometalated Platinum(II) Complexes as Highly Sensitive Luminescent Switchâ€œOn Probes for Practical Application in Protein Staining and Cell Imaging. <i>Chemistry - A European Journal</i> , 2009, 15, 3652-3656.	3.3	134
30	Integrating Building Information Modeling and Prefabrication Housing Production. <i>Automation in Construction</i> , 2019, 100, 46-60.	9.8	134
31	Project Management and Green Buildings: Lessons from the Rating Systems. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2010, 136, 64-70.	0.9	131
32	Characterization of Titanium Species Incorporated into Dealuminated Mordenites by Means of IR Spectroscopy and 18O-Exchange Technique. <i>The Journal of Physical Chemistry</i> , 1996, 100, 10316-10322.	2.9	123
33	Catalysts in Coronas: A Surface Spatial Confinement Strategy for High-Performance Catalysts in Methane Dry Reforming. <i>ACS Catalysis</i> , 2019, 9, 9072-9080.	11.2	121
34	Software transactional memory. <i>Communications of the ACM</i> , 2008, 51, 40-46.	4.5	117
35	Measuring regional transport sustainability using super-efficiency SBM-DEA with weighting preference. <i>Journal of Cleaner Production</i> , 2020, 242, 118474.	9.3	117
36	The importance of use and end-of-life phases to the life cycle greenhouse gas (GHG) emissions of concrete â€œ A review. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 37, 360-369.	16.4	116

#	ARTICLE	IF	CITATIONS
37	Olanzapine Versus Placebo in Adult Outpatients With Anorexia Nervosa: A Randomized Clinical Trial. <i>American Journal of Psychiatry</i> , 2019, 176, 449-456.	7.2	116
38	Engineering Cobalt Oxide with Coexisting Cobalt Defects and Oxygen Vacancies for Enhanced Catalytic Oxidation of Toluene. <i>ACS Catalysis</i> , 2022, 12, 4906-4917.	11.2	116
39	Ammoximation of Ketones over Titanium Mordenite. <i>Journal of Catalysis</i> , 1997, 168, 400-411.	6.2	113
40	Investigation into the origin of high stability of γ -MnO ₂ pseudo-capacitive electrode using operando Raman spectroscopy. <i>Nano Energy</i> , 2016, 30, 293-302.	16.0	109
41	Estimating the environmental costs and benefits of demolition waste using life cycle assessment and willingness-to-pay: A case study in Shenzhen. <i>Journal of Cleaner Production</i> , 2018, 172, 14-26.	9.3	109
42	Construction of unique six-coordinated titanium species with an organic amine ligand in titanosilicate and their unprecedented high efficiency for alkene epoxidation. <i>Chemical Communications</i> , 2015, 51, 9010-9013.	4.1	107
43	Analyzing the influence factors of the carbon emissions from China's building and construction industry from 2000 to 2015. <i>Journal of Cleaner Production</i> , 2019, 221, 552-566.	9.3	106
44	Preparation of B-free Ti-MWW through reversible structural conversion. <i>Chemical Communications</i> , 2002, , 1026-1027.	4.1	103
45	A comprehensive analysis of the credits obtained by LEED 2009 certified green buildings. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 68, 370-379.	16.4	103
46	Integration of BIM and GIS: IFC geometry transformation to shapefile using enhanced open-source approach. <i>Automation in Construction</i> , 2019, 106, 102859.	9.8	100
47	Factors influencing workplace accident costs of building projects. <i>Safety Science</i> , 2015, 72, 97-104.	4.9	99
48	Critical review of data-driven decision-making in bridge operation and maintenance. <i>Structure and Infrastructure Engineering</i> , 2022, 18, 47-70.	3.7	99
49	Multilayer structured MFI-type titanosilicate: Synthesis and catalytic properties in selective epoxidation of bulky molecules. <i>Journal of Catalysis</i> , 2012, 288, 16-23.	6.2	98
50	Economic sustainability, environmental sustainability and constructability indicators related to concrete- and steel-projects. <i>Journal of Cleaner Production</i> , 2015, 108, 748-756.	9.3	98
51	A BIM-based approach for automated tower crane layout planning. <i>Automation in Construction</i> , 2015, 59, 168-178.	9.8	98
52	Construction and Performance Characterization of γ -Fe ₂ O ₃ /rGO Composite for Long-Cycling-Life Supercapacitor Anode. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 5067-5074.	6.7	98
53	IR and MAS NMR Studies on the Incorporation of Aluminum Atoms into Defect Sites of Dealuminated Mordenites. <i>The Journal of Physical Chemistry</i> , 1995, 99, 10923-10931.	2.9	96
54	In Operando Mechanism Analysis on Nanocrystalline Silicon Anode Material for Reversible and Ultrafast Sodium Storage. <i>Advanced Materials</i> , 2017, 29, 1604708.	21.0	95

#	ARTICLE	IF	CITATIONS
55	How affordable housing becomes more sustainable? A stakeholder study. <i>Journal of Cleaner Production</i> , 2017, 162, 427-437.	9.3	94
56	Core/shell-structured TS-1@mesoporous silica-supported Au nanoparticles for selective epoxidation of propylene with H ₂ and O ₂ . <i>Journal of Materials Chemistry</i> , 2011, 21, 10852.	6.7	88
57	Self-Assembly of Cetyltrimethylammonium Bromide and Lamellar Zeolite Precursor for the Preparation of Hierarchical MWW Zeolite. <i>Chemistry of Materials</i> , 2016, 28, 4512-4521.	6.7	88
58	Sn-Beta zeolite hydrothermally synthesized via interzeolite transformation as efficient Lewis acid catalyst. <i>Journal of Catalysis</i> , 2017, 352, 1-12.	6.2	88
59	Hydrothermal Synthesis of a Novel Titanosilicate with MWW Topology. <i>Chemistry Letters</i> , 2000, 29, 774-775.	1.3	86
60	Synthesis and catalytic properties of a new titanosilicate molecular sieve with the structure analogous to MWW-type lamellar precursor. <i>Journal of Catalysis</i> , 2006, 243, 183-191.	6.2	85
61	Post-Synthesis Treatment gives Highly Stable Siliceous Zeolites through the Isomorphous Substitution of Silicon for Germanium in Germanosilicates. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1355-1359.	13.8	83
62	Synthesis and Characterization of Self-Standing and Highly Flexible MnO ₂ @CNTs/CNTs Composite Films for Direct Use of Supercapacitor Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 23721-23728.	8.0	83
63	A cross-sector review on the use of value stream mapping. <i>International Journal of Production Research</i> , 2017, 55, 3906-3928.	7.5	80
64	Improved Quantum-Inspired Evolutionary Algorithm for Large-Size Lane Reservation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2015, 45, 1535-1548.	9.3	79
65	Reducing Hindrances to Enterprise Risk Management Implementation in Construction Firms. <i>Journal of Construction Engineering and Management - ASCE</i> , 2015, 141, .	3.8	79
66	Interfacial Clustering-Triggered Fluorescence-Phosphorescence Dual Solvoluminescence of Metal Nanoclusters. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3980-3985.	4.6	79
67	A decade review of the credits obtained by LEED v2.2 certified green building projects. <i>Building and Environment</i> , 2016, 102, 167-178.	6.9	78
68	RBL-PHP: Simulation of Lean Construction and Information Technologies for Prefabrication Housing Production. <i>Journal of Management in Engineering - ASCE</i> , 2018, 34, .	4.8	78
69	Automatically Processing IFC Clipping Representation for BIM and GIS Integration at the Process Level. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2009.	2.5	78
70	Voltage Dependent Charge Storage Modes and Capacity in Subnanometer Pores. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 1732-1737.	4.6	77
71	Hydrophobic Nanosized All-Silica Beta Zeolite: Efficient Synthesis and Adsorption Application. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 27273-27283.	8.0	77
72	The past, present and future of carbon labelling for construction materials – A review. <i>Building and Environment</i> , 2014, 77, 160-168.	6.9	75

#	ARTICLE	IF	CITATIONS
73	Mapping global research on sustainability of megaproject management: A scientometric review. <i>Journal of Cleaner Production</i> , 2020, 259, 120831.	9.3	74
74	Structure Elucidation of the Highly Active Titanosilicate Catalyst Ti-YNU-1. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6719-6723.	13.8	73
75	Hydroxylation of Aromatics with Hydrogen Peroxide over Titanosilicates with MOR and MFI Structures: A Effect of Ti Peroxo Species on the Diffusion and Hydroxylation Activity. <i>Journal of Physical Chemistry B</i> , 1998, 102, 9297-9303.	2.6	71
76	Selective hydrogenation of cinnamaldehyde with PtFe /Al ₂ O ₃ @SBA-15 catalyst: Enhancement in activity and selectivity to unsaturated alcohol by Pt-FeO and Pt-Al ₂ O ₃ @SBA-15 interaction. <i>Journal of Catalysis</i> , 2017, 354, 24-36.	6.2	71
77	Structural Characterization of Interlayer Expanded Zeolite Prepared From Ferrierite Lamellar Precursor. <i>Chemistry of Materials</i> , 2009, 21, 2904-2911.	6.7	70
78	Postsynthesis of mesoporous MOR-type titanosilicate and its unique catalytic properties in liquid-phase oxidations. <i>Journal of Catalysis</i> , 2011, 281, 263-272.	6.2	70
79	A novel titanosilicate with MWW structureCatalytic properties in selective epoxidation of diallyl ether with hydrogen peroxide. <i>Journal of Catalysis</i> , 2004, 228, 183-191.	6.2	68
80	Uniquetrans-Selectivity of Ti-MWW in Epoxidation of cis/trans-Alkenes with Hydrogen Peroxide. <i>Journal of Physical Chemistry B</i> , 2002, 106, 748-753.	2.6	67
81	Pt nanoparticles supported on highly dispersed TiO ₂ coated on SBA-15 as an efficient and recyclable catalyst for liquid-phase hydrogenation. <i>Journal of Catalysis</i> , 2013, 300, 9-19.	6.2	67
82	Ontological knowledge base for concrete bridge rehabilitation project management. <i>Automation in Construction</i> , 2021, 121, 103428.	9.8	67
83	Post-transformation of MWW-type lamellar precursors into MCM-56 analogues. <i>Microporous and Mesoporous Materials</i> , 2008, 113, 435-444.	4.4	66
84	Highly Selective Liquid-Phase Oxidation of Cyclohexane to KA Oil over Ti-MWW Catalyst: Evidence of Formation of Oxyl Radicals. <i>ACS Catalysis</i> , 2014, 4, 53-62.	11.2	66
85	Building information modelling-based framework to contrast conventional and modular construction methods through selected sustainability factors. <i>Journal of Cleaner Production</i> , 2019, 228, 1264-1281.	9.3	66
86	Preparation of active and robust palladium nanoparticle catalysts stabilized by diamine-functionalized mesoporous polymers. <i>Chemical Communications</i> , 2008, , 6297.	4.1	64
87	Bifunctional Tandem Catalysis on Multilamellar Organic-Inorganic Hybrid Zeolites. <i>ACS Catalysis</i> , 2014, 4, 2959-2968.	11.2	64
88	Improving the Hydrophobicity and Oxidation Activity of Ti-MWW by Reversible Structural Rearrangement. <i>Journal of Physical Chemistry C</i> , 2008, 112, 6132-6138.	3.1	63
89	One-pot synthesis of catalytically active and mechanically robust mesoporous TS-1 microspheres with the aid of triblock copolymer. <i>Microporous and Mesoporous Materials</i> , 2012, 156, 106-114.	4.4	62
90	Estimation of environmental impacts of roads through life cycle assessment: A critical review and future directions. <i>Transportation Research, Part D: Transport and Environment</i> , 2019, 77, 148-163.	6.8	62

#	ARTICLE	IF	CITATIONS
91	Time and Cost Performance of Design-Build Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , 2016, 142, .	3.8	61
92	Alkoxysilylation of Ti-MWW lamellar precursors into interlayer pore-expanded titanosilicates. <i>Journal of Materials Chemistry</i> , 2009, 19, 8594.	6.7	59
93	One-pot synthesis of benzamide over a robust tandem catalyst based on center radially fibrous silica encapsulated TS-1. <i>Chemical Communications</i> , 2013, 49, 2709.	4.1	59
94	One-pot synthesis of 5-hydroxymethylfurfural from glucose using bifunctional [Sn,Al]-Beta catalysts. <i>Chinese Journal of Catalysis</i> , 2015, 36, 820-828.	14.0	59
95	Removal of As, Cd, Cr, Cu, Ni and Zn from polluted water using an iron based sorbent. <i>Desalination</i> , 2008, 226, 357-370.	8.2	58
96	A dual-templating strategy for the scale-up synthesis of dendritic mesoporous silica nanospheres. <i>Green Chemistry</i> , 2017, 19, 5575-5581.	9.0	58
97	An investigation into cyclohexanone ammoximation over Ti-MWW in a continuous slurry reactor. <i>Applied Catalysis A: General</i> , 2011, 394, 1-8.	4.3	57
98	Simultaneous removal of coexistent heavy metals from simulated urban stormwater using four sorbents: A porous iron sorbent and its mixtures with zeolite and crystal gravel. <i>Journal of Hazardous Materials</i> , 2009, 168, 674-680.	12.4	55
99	Post-synthesis, characterization and catalytic properties of fluorine-planted MWW-type titanosilicate. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 4930.	2.8	55
100	Postsynthesis of FAU-type stannosilicate as efficient heterogeneous catalyst for Baeyer-Villiger oxidation. <i>Applied Catalysis A: General</i> , 2016, 519, 155-164.	4.3	55
101	One-pot synthesis of ethylene glycol by oxidative hydration of ethylene with hydrogen peroxide over titanosilicate catalysts. <i>Journal of Catalysis</i> , 2018, 358, 89-99.	6.2	55
102	Are all cities with similar urban form or not? Redefining cities with ubiquitous points of interest and evaluating them with indicators at city and block levels in China. <i>International Journal of Geographical Information Science</i> , 2018, 32, 2447-2476.	4.8	55
103	Impact of Institutional Pressures on Organizational Citizenship Behaviors for the Environment: Evidence from Megaprojects. <i>Journal of Management in Engineering - ASCE</i> , 2018, 34, .	4.8	55
104	Active and selective catalyst for liquid phase Beckmann rearrangement of cyclohexanone oxime. <i>Journal of Catalysis</i> , 2005, 235, 139-149.	6.2	54
105	Mesopolymer solid base catalysts with variable basicity: preparation and catalytic properties. <i>Journal of Materials Chemistry</i> , 2009, 19, 4004.	6.7	54
106	Selective synthesis of propylene oxide through liquid-phase epoxidation of propylene with H ₂ O ₂ over formed Ti-MWW catalyst. <i>Journal of Catalysis</i> , 2016, 342, 173-183.	6.2	54
107	Pt nanoparticles entrapped in ordered mesoporous carbon for enantioselective hydrogenation. <i>Journal of Molecular Catalysis A</i> , 2011, 345, 81-89.	4.8	53
108	Spatial and temporal variations of spatial population accessibility to public hospitals: a case study of rural-urban comparison. <i>GIScience and Remote Sensing</i> , 2018, 55, 718-744.	5.9	53

#	ARTICLE	IF	CITATIONS
109	Complexity Analysis of Prefabrication Contractors'™ Dynamic Price Competition in Mega Projects with Different Competition Strategies. <i>Complexity</i> , 2018, 2018, 1-9.	1.6	53
110	Liquid-phase Beckmann rearrangement of cyclohexanone oxime over mesoporous molecular sieve catalysts. <i>Journal of Catalysis</i> , 2004, 227, 448-458.	6.2	52
111	Highly selective synthesis of methyl ethyl ketone oxime through ammoximation over Ti-MWW. <i>Applied Catalysis A: General</i> , 2007, 327, 22-31.	4.3	52
112	Lean Management and Low Carbon Emissions in Precast Concrete Factories in Singapore. <i>Journal of Architectural Engineering</i> , 2012, 18, 176-186.	1.6	51
113	Core-Shell-Structured Titanosilicate As A Robust Catalyst for Cyclohexanone Ammoximation. <i>ACS Catalysis</i> , 2013, 3, 103-110.	11.2	51
114	Distinctions of hydroxylamine formation and decomposition in cyclohexanone ammoximation over microporous titanosilicates. <i>Journal of Catalysis</i> , 2014, 309, 1-10.	6.2	51
115	Extremely high trans selectivity of Ti-MWW in epoxidation of alkenes with hydrogen peroxide. <i>Chemical Communications</i> , 2001, , 897-898.	4.1	50
116	Fluorine-planted titanosilicate with enhanced catalytic activity in alkene epoxidation with hydrogen peroxide. <i>Catalysis Science and Technology</i> , 2012, 2, 2433.	4.1	50
117	Identification of non-value adding (NVA) activities in precast concrete installation sites to achieve low-carbon installation. <i>Resources, Conservation and Recycling</i> , 2013, 81, 60-70.	10.8	50
118	Risk paths in BIM adoption: empirical study of China. <i>Engineering, Construction and Architectural Management</i> , 2018, 25, 1170-1187.	3.1	50
119	Oxidative Desulfurization of Aromatic Sulfur Compounds over Titanosilicates. <i>ChemCatChem</i> , 2010, 2, 459-466.	3.7	49
120	Direct synthesis of ordered imidazolyl-functionalized mesoporous polymers for efficient chemical fixation of CO ₂ . <i>Chemical Communications</i> , 2015, 51, 682-684.	4.1	49
121	Using cooperative game theory to determine profit distribution in IPD projects. <i>International Journal of Construction Management</i> , 2019, 19, 32-45.	3.2	47
122	Effect of ammonium salts on the synthesis and catalytic properties of TS-1. <i>Microporous and Mesoporous Materials</i> , 2009, 122, 301-308.	4.4	46
123	Fast synthesis of hierarchical Beta zeolites with uniform nanocrystals from layered silicate precursor. <i>Microporous and Mesoporous Materials</i> , 2017, 248, 30-39.	4.4	46
124	Towards Effective BIM/GIS Data Integration for Smart City by Integrating Computer Graphics Technique. <i>Remote Sensing</i> , 2021, 13, 1889.	4.0	46
125	Catalytic Oxidation of Benzothiophene and Dibenzothiophene in Model Light Oil Ti-MWW. <i>Chinese Journal of Catalysis</i> , 2006, 27, 547-549.	14.0	45
126	Efficient Pt-FeO _x /TiO ₂ @SBA-15 catalysts for selective hydrogenation of cinnamaldehyde to cinnamyl alcohol. <i>Catalysis Science and Technology</i> , 2017, 7, 6112-6123.	4.1	45

#	ARTICLE	IF	CITATIONS
127	Synthesis of Ti-MWW by a dry-gel conversion method. <i>Catalysis Today</i> , 2005, 99, 233-240.	4.4	44
128	Diversity of layered zeolites: from synthesis to structural modifications. <i>New Journal of Chemistry</i> , 2016, 40, 3968-3981.	2.8	44
129	Managing the Embodied Carbon of Precast Concrete Columns. <i>Journal of Materials in Civil Engineering</i> , 2011, 23, 1192-1199.	2.9	43
130	Selective synthesis of ethylene oxide through liquid-phase epoxidation of ethylene with titanasilicate/H ₂ O ₂ catalytic systems. <i>Applied Catalysis A: General</i> , 2016, 515, 51-59.	4.3	43
131	BIM/GIS data integration from the perspective of information flow. <i>Automation in Construction</i> , 2022, 136, 104166.	9.8	43
132	Postsynthesis, Characterization, and Catalytic Properties of Aluminosilicates Analogous to MCM-56. <i>Journal of Physical Chemistry C</i> , 2009, 113, 18753-18760.	3.1	42
133	Epoxidation of α,β -Unsaturated Carbonyl Compounds over Various Titanosilicates. <i>Journal of Catalysis</i> , 2002, 205, 332-338.	6.2	41
134	A Career in Catalysis: Takashi Tatsumi. <i>ACS Catalysis</i> , 2014, 4, 23-30.	11.2	41
135	Sustainable facilities. <i>Facilities</i> , 2009, 27, 368-386.	1.6	40
136	Hydrothermal synthesis of MWW-type stannosilicate and its post-structural transformation to MCM-56 analogue. <i>Microporous and Mesoporous Materials</i> , 2013, 165, 210-218.	4.4	40
137	Porous Functionalized Self-Standing Carbon Fiber Paper Electrodes for High-Performance Capacitive Energy Storage. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 13173-13180.	8.0	40
138	Developing a conceptual framework to improve the implementation of 3D printing technology in the construction industry. <i>Architectural Science Review</i> , 2018, 61, 133-142.	2.2	40
139	Intermolecular condensation of ethylenediamine to 1,4-diazabicyclo[2,2,2]octane over TS-1 catalysts. <i>Journal of Catalysis</i> , 2009, 266, 258-267.	6.2	39
140	Hierarchical, core-shell meso-ZSM-5@mesoporous aluminosilicate-supported Pt nanoparticles for bifunctional hydrocracking. <i>Journal of Materials Chemistry A</i> , 2014, 2, 15535-15545.	10.3	39
141	Pt nanoparticles entrapped in mesoporous metal-organic frameworks MIL-101 as an efficient catalyst for liquid-phase hydrogenation of benzaldehydes and nitrobenzenes. <i>Journal of Molecular Catalysis A</i> , 2015, 399, 1-9.	4.8	39
142	Traffic Volume Prediction With Segment-Based Regression Kriging and its Implementation in Assessing the Impact of Heavy Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2019, 20, 232-243.	8.0	39
143	Influences of fluorine implantation on catalytic performance and porosity of MOR-type titanasilicate. <i>Journal of Catalysis</i> , 2014, 320, 160-169.	6.2	38
144	Smart work packaging-enabled constraint-free path re-planning for tower crane in prefabricated products assembly process. <i>Advanced Engineering Informatics</i> , 2020, 43, 101008.	8.0	38

#	ARTICLE	IF	CITATIONS
145	Preparation of Interlayer-Expanded Zeolite from Lamellar Precursor Nu-6(1) by Silylation. Chemistry of Materials, 2013, 25, 4710-4718.	6.7	37
146	Lean management framework for improving maintenance operation: development and application in the oil and gas industry. Production Planning and Control, 2021, 32, 585-602.	8.8	37
147	Intergrown Zeolite MWW Polymorphs Prepared by the Rapid Dissolution-Recrystallization Route. Chemistry of Materials, 2015, 27, 7852-7860.	6.7	36
148	Effect of Absorbed Sulfate Poisoning on the Performance of Catalytic Oxidation of VOCs over MnO ₂ . ACS Applied Materials & Interfaces, 2020, 12, 50566-50572.	8.0	36
149	Efficient SIMD Code Generation for Runtime Alignment and Length Conversion. , 0, , .		35
150	Liquid-phase alkylation of benzene with ethylene over postsynthesized MCM-56 analogues. Applied Catalysis A: General, 2012, 443-444, 103-110.	4.3	35
151	Critical Success Factors in Distance Learning Construction Programs at Central Queensland University: Students' Perspective. Journal of Professional Issues in Engineering Education and Practice, 2015, 141, .	0.9	35
152	Core/shell-structured Al-MWW@B-MWW zeolites for shape-selective toluene disproportionation to para-xylene. Journal of Catalysis, 2011, 283, 168-177.	6.2	34
153	Preparation of hierarchical MWW-type titanosilicate by interlayer silylation with dimeric silane. Microporous and Mesoporous Materials, 2014, 189, 41-48.	4.4	34
154	An insight into crystal morphology-dependent catalytic properties of MOR-type titanosilicate in liquid-phase selective oxidation. Journal of Catalysis, 2015, 325, 101-110.	6.2	34
155	A review of benchmarking in carbon labelling schemes for building materials. Journal of Cleaner Production, 2015, 109, 108-117.	9.3	34
156	Risk-Compensation Behaviors on Construction Sites: Demographic and Psychological Determinants. Journal of Management in Engineering - ASCE, 2017, 33, .	4.8	34
157	Structural reconstruction: a milestone in the hydrothermal synthesis of highly active Sn-Beta zeolites. Chemical Communications, 2017, 53, 12516-12519.	4.1	34
158	Relation of Selective Oxidation Catalytic Performance to Microenvironment of Ti ^{IV} Active Site Based on Isotopic Labeling. ACS Catalysis, 2020, 10, 4813-4819.	11.2	34
159	Mechanism of Photoluminescence in Ag Nanoclusters: Metal-Centered Emission versus Synergistic Effect in Ligand-Centered Emission. Journal of Physical Chemistry C, 2019, 123, 18638-18645.	3.1	33
160	Intensified interzeolite transformation: ultrafast synthesis of active and stable Ti-Beta zeolites without solvents. Chemical Communications, 2019, 55, 14279-14282.	4.1	33
161	Vectorization for SIMD architectures with alignment constraints. ACM SIGPLAN Notices, 2004, 39, 82-93.	0.2	32
162	A hierarchically core/shell-structured titanosilicate with multiple mesopore systems for highly efficient epoxidation of alkenes. Chemical Communications, 2015, 51, 14905-14908.	4.1	32

#	ARTICLE	IF	CITATIONS
163	Isomorphous Incorporation of Tin Ions into Germanosilicate Framework Assisted by Local Structural Rearrangement. <i>ACS Catalysis</i> , 2016, 6, 8420-8431.	11.2	32
164	Pore size-tunable titanosilicates post-synthesized from germanosilicate by structural reorganization and H ₂ TiF ₆ -assisted isomorphous substitution. <i>Applied Catalysis A: General</i> , 2018, 550, 11-19.	4.3	32
165	Controlled detitanation of ETS-10 materials through the post-synthetic treatment and their applications to the liquid-phase epoxidation of alkenes. <i>Microporous and Mesoporous Materials</i> , 2004, 70, 93-101.	4.4	31
166	Amphiphilic Titanosilicates as Pickering Interfacial Catalysts for Liquid-Phase Oxidation Reactions. <i>Journal of Physical Chemistry C</i> , 2015, 119, 25377-25384.	3.1	31
167	Predictors of illness course and health maintenance following inpatient treatment among patients with anorexia nervosa. <i>Journal of Eating Disorders</i> , 2020, 8, 69.	2.7	31
168	Achieving transparency in carbon labelling for construction materials – Lessons from current assessment standards and carbon labels. <i>Environmental Science and Policy</i> , 2014, 44, 11-25.	4.9	30
169	Selective synthesis of dimethyl ketone oxime through ammoximation over Ti-MOR catalyst. <i>Applied Catalysis A: General</i> , 2014, 488, 86-95.	4.3	30
170	Synthesis of ferrisilicate with the MCM-22 structure. <i>Chemical Communications</i> , 1997, , 663-664.	4.1	29
171	Mesostructured polymer-supported diphenylphosphine-palladium complex: An efficient and recyclable catalyst for Heck reactions. <i>Catalysis Communications</i> , 2009, 10, 1099-1102.	3.3	29
172	Synthesis of core-shell structured TS-1@mesocarbon materials and their applications as a tandem catalyst. <i>Journal of Materials Chemistry</i> , 2012, 22, 14219.	6.7	29
173	Clean synthesis of acetaldehyde oxime through ammoximation on titanosilicate catalysts. <i>Catalysis Science and Technology</i> , 2013, 3, 2587.	4.1	29
174	Post-synthesis and adsorption properties of interlayer-expanded PLS-4 zeolite. <i>Microporous and Mesoporous Materials</i> , 2013, 169, 88-96.	4.4	29
175	Clean synthesis of furfural oxime through liquid-phase ammoximation of furfural over titanosilicate catalysts. <i>Green Chemistry</i> , 2017, 19, 4871-4878.	9.0	29
176	Eco-Friendly and Cost-Effective Synthesis of ZSM-5 Aggregates with Hierarchical Porosity. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 13535-13542.	3.7	29
177	Synthesis of Extra-Large-Pore Zeolite ECNU with Intersecting 14*12-Ring Channels. <i>Angewandte Chemie International Edition</i> , 2018, 57, 9515-9519.	13.8	29
178	BIM/GIS integration for web GIS-based bridge management. <i>Annals of GIS</i> , 2021, 27, 99-109.	3.1	29
179	Mesoporous MCM-22 Zeolites Prepared through Organic Amine-Assisted Reversible Structural Change and Protective Desilication for Catalysis of Bulky Molecules. <i>ACS Catalysis</i> , 2013, 3, 1892-1901.	11.2	28
180	Postsynthesis and Effective Baeyer-Villiger Oxidation Properties of Hierarchical FAU-type Stannosilicate. <i>Journal of Physical Chemistry C</i> , 2016, 120, 23613-23624.	3.1	28

#	ARTICLE	IF	CITATIONS
181	Developing and evaluating a framework of total constraint management for improving workflow in liquefied natural gas construction. <i>Construction Management and Economics</i> , 2016, 34, 859-874.	3.0	28
182	Enhancing ethylene epoxidation of a MWW-type titanosilicate/H ₂ O ₂ catalytic system by fluorine implanting. <i>Catalysis Science and Technology</i> , 2017, 7, 2624-2631.	4.1	28
183	Simple CTAB surfactant-assisted hierarchical lamellar MWW titanosilicate: a high-performance catalyst for selective oxidations involving bulky substrates. <i>Catalysis Science and Technology</i> , 2017, 7, 2874-2885.	4.1	28
184	Developing a conceptual framework of smart work packaging for constraints management in prefabrication housing production. <i>Advanced Engineering Informatics</i> , 2019, 42, 100938.	8.0	28
185	Value adding and non-value adding activities in turnaround maintenance process: classification, validation, and benefits. <i>Production Planning and Control</i> , 2020, 31, 60-77.	8.8	28
186	Adopting lean thinking in virtual reality-based personalized operation training using value stream mapping. <i>Automation in Construction</i> , 2020, 119, 103355.	9.8	28
187	An efficient two-phase exact algorithm for the automated truck freight transportation problem. <i>Computers and Industrial Engineering</i> , 2017, 110, 59-66.	6.3	27
188	Regional Variations of Credits Obtained by LEED 2009 Certified Green Buildings—A Country Level Analysis. <i>Sustainability</i> , 2018, 10, 20.	3.2	27
189	One-pot co-condensation strategy for dendritic mesoporous organosilica nanospheres with fine size and morphology control. <i>CrystEngComm</i> , 2019, 21, 4030-4035.	2.6	27
190	Ultrafast synthesis of nanosized Ti-Beta as an efficient oxidation catalyst via a structural reconstruction method. <i>Catalysis Science and Technology</i> , 2019, 9, 1857-1866.	4.1	27
191	P band intermediate state (PBIS) tailors photoluminescence emission at confined nanoscale interface. <i>Communications Chemistry</i> , 2019, 2, .	4.5	27
192	Government efforts and roadmaps for building information modeling implementation: lessons from Singapore, the UK and the US. <i>Engineering, Construction and Architectural Management</i> , 2022, 29, 782-818.	3.1	27
193	The Combination of Pill Count and Self-Reported Adherence is a Strong Predictor of First-Line ART Failure for Adults in South Africa. <i>Current HIV Research</i> , 2014, 12, 366-375.	0.5	27
194	Synthesis of Novel Titanosilicate Catalysts by Simultaneous Isomorphous Substitution and Interlayer Expansion of Zeolitic Layered Silicates. <i>Chemistry of Materials</i> , 2016, 28, 5295-5303.	6.7	26
195	Investigating the Impact of Project Definition Clarity on Project Performance: Structural Equation Modeling Study. <i>Journal of Management in Engineering - ASCE</i> , 2016, 32, .	4.8	26
196	Recent Progresses in Titanosilicates. <i>Chinese Journal of Chemistry</i> , 2017, 35, 836-844.	4.9	26
197	Earth Observation for Sustainable Infrastructure: A Review. <i>Remote Sensing</i> , 2021, 13, 1528.	4.0	26
198	An interactive detector for spatial associations. <i>International Journal of Geographical Information Science</i> , 0, , 1-26.	4.8	26

#	ARTICLE	IF	CITATIONS
199	Hydrothermal synthesis of mesoporous titanasilicate with the aid of amphiphilic organosilane. <i>Journal of Porous Materials</i> , 2010, 17, 399-408.	2.6	25
200	Physical activity and post-treatment weight trajectory in anorexia nervosa. <i>International Journal of Eating Disorders</i> , 2016, 49, 482-489.	4.0	25
201	Hydrothermal synthesis of boron-free Ti-MWW with dual structure-directing agents. <i>Studies in Surface Science and Catalysis</i> , 2007, , 464-469.	1.5	24
202	Hydrothermal Synthesis of Titanium Silicalite-1 Structurally Directed by Hexamethyleneimine. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 4334-4339.	3.7	24
203	Preparation of a Carbon-Silica Mesoporous Composite Functionalized with Sulfonic Acid Groups and Its Application to the Production of Biodiesel. <i>Chinese Journal of Catalysis</i> , 2012, 33, 114-122.	14.0	24
204	Effective Baeyer-Villiger oxidation of ketones over germanosilicates. <i>Catalysis Communications</i> , 2014, 55, 83-86.	3.3	24
205	Segment-Based Spatial Analysis for Assessing Road Infrastructure Performance Using Monitoring Observations and Remote Sensing Data. <i>Remote Sensing</i> , 2018, 10, 1696.	4.0	24
206	Pt Nanoparticles Supported on Highly Dispersed Alumina Coated inside SBA-15 for Enantioselective Hydrogenation. <i>ChemCatChem</i> , 2010, 2, 1303-1311.	3.7	23
207	Highly tunable periodic imidazole-based mesoporous polymers as cooperative catalysts for efficient carbon dioxide fixation. <i>Catalysis Science and Technology</i> , 2019, 9, 1030-1038.	4.1	23
208	Identification of non-value adding activities in precast concrete production to achieve low-carbon production. <i>Architectural Science Review</i> , 2014, 57, 105-113.	2.2	22
209	Barriers to achieving green precast concrete stock management – a survey of current stock management practices in Singapore. <i>International Journal of Construction Management</i> , 2014, 14, 78-89.	3.2	22
210	Risk compensation behaviours in construction workers' activities. <i>International Journal of Injury Control and Safety Promotion</i> , 2015, 22, 40-47.	2.0	22
211	Highly selective 1-pentene epoxidation over Ti-MWW with modified microenvironment of Ti active sites. <i>Catalysis Science and Technology</i> , 2020, 10, 6050-6064.	4.1	22
212	Acidic and catalytic properties of aluminated mordenite zeolite: effect of extraframework aluminium. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 861.	1.7	21
213	Preparation of titanasilicate with mordenite structure by atomplanting method and its catalytic properties for hydroxylation of aromatics. <i>Studies in Surface Science and Catalysis</i> , 1997, 105, 663-670.	1.5	21
214	Selective oxidation of propylene to propylene oxide over Ti-MCM-41 supporting metal nitrate. <i>Catalysis Today</i> , 2001, 71, 169-176.	4.4	21
215	Epoxidation of alkenes and their derivatives over Ti-YNU-1. <i>Applied Catalysis A: General</i> , 2011, 401, 37-45.	4.3	21
216	The contribution of ISO 14067 to the evolution of global greenhouse gas standards – A review. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 47, 142-150.	16.4	21

#	ARTICLE	IF	CITATIONS
217	Choosing Appropriate Contract Methods for Design-Build Projects. Journal of Management in Engineering - ASCE, 2016, 32, 04015029.	4.8	21
218	At room temperature in water: efficient hydrogenation of furfural to furfuryl alcohol with a Pt/SiCâ€C catalyst. RSC Advances, 2018, 8, 37243-37253.	3.6	21
219	A Preliminary Investigation of the Transition from Green Building to Green Community: Insights from LEED ND. Sustainability, 2018, 10, 1802.	3.2	21
220	Surface Molecule Manipulated Pt/TiO ₂ Catalysts for Selective Hydrogenation of Cinnamaldehyde. Journal of Physical Chemistry C, 2021, 125, 13304-13312.	3.1	21
221	A Hydrothermally Stable Single-Atom Catalyst of Pt Supported on High-Entropy Oxide/Al ₂ O ₃ : Structural Optimization and Enhanced Catalytic Activity. ACS Applied Materials & Interfaces, 2021, 13, 48764-48773.	8.0	21
222	Self-standing ultrathin NiCo ₂ S ₄ @carbon nanotubes and carbon nanotubes hybrid films as battery-type electrodes for advanced flexible supercapacitors. Journal of Power Sources, 2022, 543, 231829.	7.8	21
223	Optimizing data permutations for SIMD devices. ACM SIGPLAN Notices, 2006, 41, 118-131.	0.2	20
224	Compiler and runtime techniques for software transactional memory optimization. Concurrency Computation Practice and Experience, 2009, 21, 7-23.	2.2	20
225	Synthesis and formation mechanism of TS-1@mesosilica coreâ€shell materials templated by triblock copolymer surfactant. Microporous and Mesoporous Materials, 2012, 153, 8-17.	4.4	20
226	Educational Attainment and Job Requirements: Exploring the Gaps for Construction Graduates in Australia from an Industry Point of View. Journal of Professional Issues in Engineering Education and Practice, 2015, 141, .	0.9	20
227	Studies on the epoxidation of methallyl chloride over TS-1 microsphere catalysts in a continuous slurry reactor. Catalysis Science and Technology, 2016, 6, 2605-2615.	4.1	20
228	Hydrothermal synthesis of Sn-Beta zeolites in F ⁻ -free medium. Inorganic Chemistry Frontiers, 2018, 5, 2763-2771.	6.0	20
229	Incentive Mechanisms for Supplier Development in Mega Construction Projects. IEEE Transactions on Engineering Management, 2019, 66, 252-265.	3.5	20
230	Oxidative desulfurization of model oil over Ta-Beta zeolite synthesized via structural reconstruction. Journal of Hazardous Materials, 2020, 393, 122458.	12.4	20
231	How Public Owners Communicate the Sustainability Requirements of Green Design-Build Projects. Journal of Construction Engineering and Management - ASCE, 2014, 140, .	3.8	19
232	Dendritic and Coreâ€Shellâ€Corona Mesoporous Sister Nanospheres from Polymerâ€Surfactantâ€Silica Selfâ€Entanglement. Chemistry - A European Journal, 2018, 24, 478-486.	3.3	19
233	Size-Controlled Growth of Silver Nanoparticles onto Functionalized Ordered Mesoporous Polymers for Efficient CO ₂ Upgrading. ACS Applied Materials & Interfaces, 2019, 11, 44241-44248.	8.0	19
234	Spatial and chemical confined ultra-small CsPbBr ₃ perovskites in dendritic mesoporous silica nanospheres with enhanced stability. Microporous and Mesoporous Materials, 2020, 302, 110229.	4.4	19

#	ARTICLE	IF	CITATIONS
235	Developing sustainable road infrastructure performance indicators using a model-driven fuzzy spatial multi-criteria decision making method. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 138, 110538.	16.4	19
236	Hierarchical Ti-Beta zeolites with uniform intracrystalline mesopores hydrothermally synthesized via interzeolite transformation for oxidative desulfurization. <i>Microporous and Mesoporous Materials</i> , 2021, 311, 110702.	4.4	19
237	An Empirical Study On the Vectorization of Multimedia Applications for Multimedia Extensions. , 0, , .		18
238	Efficient Hydrogenation of Benzaldehydes Over Mesopolymer-Entrapped Pt Nanoparticles in Water. <i>Chemistry - an Asian Journal</i> , 2009, 4, 699-706.	3.3	18
239	Pt nanoparticles entrapped in ordered mesoporous carbons: An efficient catalyst for the liquid-phase hydrogenation of nitrobenzene and its derivatives. <i>Chinese Journal of Catalysis</i> , 2015, 36, 1995-2003.	14.0	18
240	Highly effective Ru/CMK-3 catalyst for selective reduction of nitrobenzene derivatives with H ₂ O as solvent at near ambient temperature. <i>RSC Advances</i> , 2016, 6, 3235-3242.	3.6	18
241	SWP-enabled constraints modeling for on-site assembly process of prefabrication housing production. <i>Journal of Cleaner Production</i> , 2019, 239, 117991.	9.3	18
242	Exploring the Nanosize Effect of Mordenite Zeolites on Their Performance in the Removal of NO _x . <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 8625-8635.	3.7	18
243	Resource-Constrained Emergency Scheduling for Forest Fires with Priority Areas: An Efficient Integer Programming Approach. <i>IEEE Transactions on Electrical and Electronic Engineering</i> , 2019, 14, 261-270.	1.4	18
244	A Common Approach to Geo-Referencing Building Models in Industry Foundation Classes for BIM/GIS Integration. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 362.	2.9	18
245	Hybrid deep learning model for automating constraint modelling in advanced working packaging. <i>Automation in Construction</i> , 2021, 127, 103733.	9.8	18
246	One-pot synthesis of primary amides on bifunctional Rh(OH) _x /TS-1@KCC-1 catalysts. <i>Chinese Journal of Catalysis</i> , 2013, 34, 2057-2065.	14.0	17
247	Sub-zeolite of FER topology derived from an interlayer modification of PLS-3 lamellar precursor. <i>Microporous and Mesoporous Materials</i> , 2015, 203, 54-62.	4.4	17
248	Simple and Cost-Effective Approach To Dramatically Enhance the Durability and Capability of a Layered γ-MnO ₂ Based Electrode for Pseudocapacitors: A Practical Electrochemical Test and Mechanistic Revealing. <i>ACS Applied Energy Materials</i> , 2019, 2, 2743-2750.	5.1	17
249	Extra-Large Pore Titanosilicate Synthesized via Reversible 3D→2D→3D Structural Transformation as Highly Active Catalyst for Cycloalkene Epoxidation. <i>ACS Catalysis</i> , 2021, 11, 2650-2662.	11.2	17
250	A dual plasmonic core-shell Pt/[TiN@TiO ₂] catalyst for enhanced photothermal synergistic catalytic activity of VOCs abatement. <i>Nano Research</i> , 2022, 15, 7071-7080.	10.4	17
251	Epoxidation of 2,5-dihydrofuran to 3,4-epoxytetrahydrofuran over Ti-MWW catalysts. <i>Applied Catalysis A: General</i> , 2007, 320, 173-180.	4.3	16
252	Post-synthesis and catalytic performance of FER type sub-zeolite Ti-ECNU-8. <i>Chinese Chemical Letters</i> , 2014, 25, 1511-1514.	9.0	16

#	ARTICLE	IF	CITATIONS
253	Synthesis of biomass-derived 3D porous graphene-like via direct solid-state transformation and its potential utilization in lithium-ion battery. <i>Ionics</i> , 2018, 24, 1879-1886.	2.4	16
254	USING LEAN PRACTICES TO IMPROVE CURRENT CARBON LABELLING SCHEMES FOR CONSTRUCTION MATERIALSâ€™ A GENERAL FRAMEWORK. <i>Journal of Green Building</i> , 2012, 7, 173-191.	0.8	16
255	Efficient liquid-phase ethylation of benzene with ethylene over mesoporous MCM-22 catalyst. <i>Microporous and Mesoporous Materials</i> , 2013, 179, 63-68.	4.4	15
256	Synthesis, Characterization, and Catalytic Properties of Interlayer Expanded Aluminosilicate IEZ-PLS-3. <i>Journal of Physical Chemistry C</i> , 2014, 118, 24662-24669.	3.1	15
257	Sn-Beta zeolite derived from a precursor synthesized via an organotemplate-free route as efficient Lewis acid catalyst. <i>Applied Catalysis A: General</i> , 2018, 556, 52-63.	4.3	15
258	Developing a hybrid approach to extract constraints related information for constraint management. <i>Automation in Construction</i> , 2021, 124, 103563.	9.8	15
259	Delivering Construction Education Programs through the Distance Mode: Case Study in Australia. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2013, 139, 325-333.	0.9	14
260	Vision-Based Pavement Marking Detection and Condition Assessmentâ€™A Case Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3152.	2.5	14
261	MONITORING CARBON EMISSIONS IN PRECAST CONCRETE INSTALLATION THROUGH LEAN PRODUCTION â€™ A CASE STUDY IN SINGAPORE. <i>Journal of Green Building</i> , 2014, 9, 191-211.	0.8	14
262	â€™Openâ€™Nonporous Nonasil Zeolite Structure for Selective Catalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 20569-20573.	13.7	14
263	Highly efficient and clean synthesis of 3,4-epoxytetrahydrofuran over a novel titanosilicate catalyst, Ti-MWW. <i>Green Chemistry</i> , 2006, 8, 78-81.	9.0	13
264	Synthesis of Propylene Carbonate on a Bifunctional Titanosilicate Modified with Quaternary Ammonium Halides. <i>Chinese Journal of Catalysis</i> , 2008, 29, 589-591.	14.0	13
265	Understanding laborersâ€™™ behavioral diversities in multinational construction projects using integrated simulation approach. <i>Engineering, Construction and Architectural Management</i> , 2019, 26, 2120-2146.	3.1	13
266	Estimating carbon emissions from road use, maintenance and rehabilitation through a hybrid life cycle assessment approach â€™ A case study. <i>Journal of Cleaner Production</i> , 2020, 277, 123276.	9.3	13
267	A Spatial Heterogeneity-Based Segmentation Model for Analyzing Road Deterioration Network Data in Multi-Scale Infrastructure Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 7073-7083.	8.0	13
268	Highly Active Delaminated Ti-MWW for Epoxidation of Bulky Cycloalkenes with Hydrogen Peroxide. <i>Chemistry Letters</i> , 2003, 32, 326-327.	1.3	12
269	Highly efficient epoxidation of propylene over a novel Ti-MWW catalyst. <i>Studies in Surface Science and Catalysis</i> , 2007, , 1236-1243.	1.5	12
270	Clean Synthesis of Amides over Bifunctional Catalysts of Rhodiumâ€™Loaded Titanosilicates. <i>ChemCatChem</i> , 2013, 5, 2462-2470.	3.7	12

#	ARTICLE	IF	CITATIONS
271	Carbon-coated mesoporous silica functionalized with sulfonic acid groups and its application to acetalization. Chinese Journal of Catalysis, 2013, 34, 932-941.	14.0	12
272	Spatial disparities in trade-offs: economic and environmental impacts of road infrastructure on continental level. GIScience and Remote Sensing, 2021, 58, 756-775.	5.9	12
273	Structured binder-free MWW-type titanosilicate with Si-rich shell for selective and durable propylene epoxidation. Chinese Journal of Catalysis, 2021, 42, 1561-1575.	14.0	12
274	Quenching-induced surface modulation of perovskite oxides to boost catalytic oxidation activity. Journal of Hazardous Materials, 2022, 433, 128765.	12.4	12
275	Direct synthesis of hydrothermally stable mesoporous Ti-MSU-G and its catalytic properties in liquid-phase epoxidation. Studies in Surface Science and Catalysis, 2003, 146, 613-616.	1.5	11
276	Highly Effective Synthesis of Cyclohexanone Oxime over a Novel Titanosilicate Ti-MWW. Chemistry Letters, 2005, 34, 1436-1437.	1.3	11
277	Using Multiple Attribute Value Technique for the Selection of Structural Frame Material to Achieve Sustainability and Constructability. Journal of Construction Engineering and Management - ASCE, 2017, 143, .	3.8	11
278	Hydrothermal synthesis and catalytic performance of bulky titanium silicalite-1 aggregates assembled by bridged organosilane. Chinese Journal of Catalysis, 2018, 39, 275-282.	14.0	11
279	Two-dimensional zeolites in catalysis: current state-of-the-art and perspectives. Catalysis Reviews - Science and Engineering, 2021, 63, 234-301.	12.9	11
280	Driving Factors behind Energy-Related Carbon Emissions in the U.S. Road Transport Sector: A Decomposition Analysis. International Journal of Environmental Research and Public Health, 2022, 19, 2321.	2.6	11
281	Synthesis of Stainless-Steel-Net Supported TS-1 Catalyst and Its Catalytic Performance in Liquid-Phase Epoxidation Reactions. Industrial & Engineering Chemistry Research, 2011, 50, 9587-9593.	3.7	10
282	Hydrothermal synthesis of MWW-type analogues using linear-type quaternary alkylammonium hydroxides as structure-directing agents. Microporous and Mesoporous Materials, 2011, 142, 347-353.	4.4	10
283	Mixed-integer Programming for a New Bus-lane Reservation Problem. , 2015, , .		10
284	ECNU-10 zeolite: A three-dimensional MWW-Type analogue. Microporous and Mesoporous Materials, 2017, 253, 137-145.	4.4	10
285	Highly efficient mesoporous polymer supported phosphine-gold($P-Au$) complex catalysts for amination of allylic alcohols and intramolecular cyclization reactions. RSC Advances, 2018, 8, 1737-1743.	3.6	10
286	Structural reconstruction of germanosilicate frameworks by controlled hydrogen reduction. Chemical Communications, 2019, 55, 1883-1886.	4.1	10
287	Matched Learning for Optimizing Individualized Treatment Strategies Using Electronic Health Records. Journal of the American Statistical Association, 2020, 115, 380-392.	3.1	10
288	Hydrothermal synthesis of boron-free Zr-MWW and Sn-MWW zeolites as robust Lewis acid catalysts. Chemical Communications, 2020, 56, 4696-4699.	4.1	10

#	ARTICLE	IF	CITATIONS
289	Cost-Profit Trade-Off for Optimally Locating Automotive Service Firms Under Uncertainty. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1014-1025.	8.0	10
290	A Parameter-Driven Method for Modeling Bridge Defects through IFC. Journal of Computing in Civil Engineering, 2022, 36, .	4.7	10
291	DEVELOPING A LEAN BENCHMARKING PROCESS TO MONITOR THE CARBON EFFICIENCY IN PRECAST CONCRETE FACTORIESâ€”A CASE STUDY IN SINGAPORE. Journal of Green Building, 2013, 8, 133-152.	0.8	9
292	Structural diversity of lamellar zeolite Nu-6(1)â€™ postsynthesis of delaminated analogues. Dalton Transactions, 2014, 43, 10492-10500.	3.3	9
293	Mathematical optimisation of location and design of windows by considering energy performance, lighting and privacy of buildings. Smart and Sustainable Built Environment, 2019, 8, 117-137.	4.0	9
294	Comparison of titanosilicates with different topologies as liquid-phase oxidation catalysts. Catalysis Today, 2020, 347, 48-55.	4.4	9
295	Achievement of high energy carbon based supercapacitors in acid solution enabled by the balance of SSA with abundant micropores and conductivity. Electrochimica Acta, 2020, 353, 136562.	5.2	9
296	Selective synthesis of epichlorohydrin <i>via</i> liquid-phase allyl chloride epoxidation over a modified Ti-MWW zeolite in a continuous slurry bed reactor. New Journal of Chemistry, 2021, 45, 331-342.	2.8	9
297	Hybrid Nonlinear and Machine Learning Methods for Analyzing Factors Influencing the Performance of Large-Scale Transport Infrastructure. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 12287-12300.	8.0	9
298	Wavelet geographically weighted regression for spectroscopic modelling of soil properties. Scientific Reports, 2021, 11, 17503.	3.3	9
299	Service-oriented distributionally robust lane reservation. Journal of Industrial Information Integration, 2022, 25, 100302.	6.4	9
300	Robust geographical detector. International Journal of Applied Earth Observation and Geoinformation, 2022, 109, 102782.	1.9	9
301	Modification of mordenite acidity by isomorphous substitution of trivalent cations in the framework sites using the atom-planting method. Microporous Materials, 1997, 12, 25-37.	1.6	8
302	Highly Selective Formation of Cyclopentanol through Liquid-Phase Cyclopentene Hydration over MCM-22 Catalysts. Chemistry Letters, 2002, 31, 224-225.	1.3	8
303	Highly Efficient Synthesis of Epichlorohydrin by Epoxidation of Allyl Chloride over Titanosilicate Ti-MWW. Chinese Journal of Catalysis, 2006, 27, 656-658.	14.0	8
304	The reinforcing effect of exercise in anorexia nervosa: Clinical correlates and relationship to outcome. Eating Disorders, 2016, 24, 412-423.	3.0	8
305	Synthesis of Largeâ€™Pore ECNUâ€™19 Material (12 Å– 8â€™R) <i>via</i> Interlayerâ€™Expansion of HUSâ€™2 Lamellar Silicate. Chinese Journal of Chemistry, 2018, 36, 227-232.	4.9	8
306	A bi-objective decision model and method for the integrated optimization of bus line planning and lane reservation. Journal of Combinatorial Optimization, 2022, 43, 1298-1327.	1.3	8

#	ARTICLE	IF	CITATIONS
307	Postsynthesis of Ti-UZM-35 titanosilicate as efficient catalyst for phenol hydroxylation reaction. <i>Microporous and Mesoporous Materials</i> , 2020, 305, 110321.	4.4	8
308	Al-Modified Ti-MOR as a robust catalyst for cyclohexanone ammoximation with enhanced anti-corrosion performance. <i>Catalysis Science and Technology</i> , 2021, 11, 7287-7299.	4.1	8
309	Investigation of Operational Concerns of Construction Crane Operators: An Approach Integrating Factor Clustering and Prioritization. <i>Journal of Management in Engineering - ASCE</i> , 2022, 38, .	4.8	8
310	A New Synthesis Route for MWW Analogues Using Octyltrimethylammonium Cations as Structure-directing Agents under Alkali-free Conditions. <i>Chemistry Letters</i> , 2007, 36, 916-917.	1.3	7
311	Improving sustainability literacy of future quantity surveyors. <i>Smart and Sustainable Built Environment</i> , 2016, 5, 325-339.	4.0	7
312	A practice mining system for the delivery of sustainable retirement villages. <i>Journal of Cleaner Production</i> , 2018, 203, 943-956.	9.3	7
313	Synthesis of Extra-Large-Pore Zeolite ECNU with Intersecting 14*12-Ring Channels. <i>Angewandte Chemie</i> , 2018, 130, 9659-9663.	2.0	7
314	Postsynthesis of high silica beta by cannibalistic dealumination of OSDA-free beta and its catalytic applications. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 1574-1587.	6.0	7
315	Selecting the optimal network-level pavement maintenance budget scenario based on sustainable considerations. <i>Transportation Research, Part D: Transport and Environment</i> , 2021, 97, 102919.	6.8	7
316	BIM-Based Framework for Formwork Planning Considering Potential Reuse. <i>Journal of Management in Engineering - ASCE</i> , 2022, 38, .	4.8	7
317	A Semantics-Based Approach for Simplifying IFC Building Models to Facilitate the Use of BIM Models in GIS. <i>Remote Sensing</i> , 2021, 13, 4727.	4.0	7
318	Enhancement of Alkene Epoxidation Activity of Titanosilicates by Gas-Phase Ammonia Modification. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2205-2211.	4.9	6
319	Trimodal hierarchical yolk-shell porous materials TS-1@mesocarbon: Synthesis and catalytic application. <i>Chinese Chemical Letters</i> , 2013, 24, 559-562.	9.0	6
320	Liquid-phase oxidation of ethylamine to acetaldehyde oximes over tungsten-doped zeolites. <i>Science China Chemistry</i> , 2017, 60, 942-949.	8.2	6
321	Modified Ti-MWW Zeolite as a Highly Efficient Catalyst for the Cyclopentene Epoxidation Reaction. <i>Frontiers in Chemistry</i> , 2020, 8, 585347.	3.6	6
322	Developing optimal scaffolding erection through the integration of lean and work posture analysis. <i>Engineering, Construction and Architectural Management</i> , 2020, 27, 2109-2133.	3.1	6
323	Reaction Dynamics Behavior of Epoxidation of Allyl Chloride with Hydrogen Peroxide Catalyzed by Ti-MWW. <i>Chinese Journal of Catalysis</i> , 2011, 32, 333-339.	14.0	6
324	Postsynthesis and catalytic properties of metallosilicates structurally analogous to MCM-56. <i>Studies in Surface Science and Catalysis</i> , 2007, 170, 635-640.	1.5	5

#	ARTICLE	IF	CITATIONS
325	Hydrothermal Synthesis of MWW-type Zirconosilicate. <i>Chemistry Letters</i> , 2008, 37, 156-157.	1.3	5
326	Software Support and Evaluation of Hardware Transactional Memory on Blue Gene/Q. <i>IEEE Transactions on Computers</i> , 2015, 64, 233-246.	3.4	5
327	Size-Dependent Catalytic Activity of Oxo-Hydroxo Titanium Sub-Nanoislets Grafted on Organically Modified Mesoporous Silica. <i>Langmuir</i> , 2018, 34, 12713-12722.	3.5	5
328	The application of simulation in lean production research: a critical review and future directions. <i>Engineering, Construction and Architectural Management</i> , 2021, 28, 2119-2154.	3.1	5
329	Zeolites featuring 14 Å— 12-ring channels with unique adsorption properties. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 5277-5285.	6.0	5
330	Ontology-Based Information Integration: A State-of-the-Art Review in Road Asset Management. <i>Archives of Computational Methods in Engineering</i> , 2022, 29, 2601-2619.	10.2	5
331	Synthesis of Micro-Mesoporous Ti-MOR/Silica Composite Spheres in Oil-in-water Microemulsion System. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 192-199.	2.6	5
332	Epoxidation of Various Functionalized Olefins by a Ti-MWW/H ₂ O ₂ Catalytic System. <i>Chinese Journal of Catalysis</i> , 2008, 29, 102-104.	14.0	4
333	Synthesis of two titanosilicates with distinct interlayer connections from similar gels. <i>Dalton Transactions</i> , 2017, 46, 5776-5780.	3.3	4
334	Reaction Behavior for Synthesis of Methyl Ethyl Ketone Oxime Catalyzed by Titanosilicate/H ₂ O ₂ /O ₂ Systems. <i>Chinese Journal of Catalysis</i> , 2010, 31, 95-99.	14.0	4
335	Land Use Quantile Regression Modeling of Fine Particulate Matter in Australia. <i>Remote Sensing</i> , 2022, 14, 1370.	4.0	4
336	Structural Transformation-Involved Synthesis of Nanosized ERI-Type Zeolite and Its Catalytic Property in the MTO Reaction. <i>Inorganic Chemistry</i> , 2022, 61, 8066-8075.	4.0	4
337	New CHA-Type aluminoborosilicates as efficient catalysts for MTO and NH ₃ -SCR of NO _x reactions. <i>Chemical Engineering Journal</i> , 2022, 444, 136657.	12.7	4
338	Defining Green Road Infrastructure Projects—A Critical Review. , 2015, , 125-134.		3
339	Developing a predictive model of construction industry-university research collaboration. <i>Construction Innovation</i> , 2021, 21, 761-781.	2.7	3
340	Synthesis of Ti-MWW Zeolite. <i>Springer Briefs in Molecular Science</i> , 2013, , 9-34.	0.1	3
341	Recent Advances in MWW-Type Titanosilicates. <i>Chinese Journal of Catalysis</i> , 2010, 31, 502-513.	14.0	3
342	Highly Hydrophilic Ti ^{IV} Beta Zeolite with Ti ^{IV} Rich Exterior as Efficient Catalyst for Cyclohexene Epoxidation. <i>Catalysts</i> , 2022, 12, 434.	3.5	3

#	ARTICLE	IF	CITATIONS
343	Direct Synthesis and Delamination of Swollen Layered Ferrierite for the Reductive Etherification of Furfural. <i>ChemCatChem</i> , 2022, 14, .	3.7	3
344	Hydrothermal Synthesis of Hexamethyleneimine-templated TS-1 Supported by Active Seeds. <i>Chemistry Letters</i> , 2006, 35, 1276-1277.	1.3	2
345	Ti-MWW and related materials as efficient oxidation catalysts. <i>Studies in Surface Science and Catalysis</i> , 2007, , 1051-1058.	1.5	2
346	Development of Virtual Teamwork Skills for Distance Students through Simulated Global Virtual Team Projects. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2016, 142, .	0.9	2
347	Controllably Confined ZnO on USY Zeolites (USY@ZnO/Al ₂ O ₃) as Efficient Lewis Acid Catalysts for Baeyer-Villiger Oxidation. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1213-1222.	3.3	2
348	Evaluating the economic and social benefits of multiutility tunnels with an agent-based simulation approach. <i>Engineering, Construction and Architectural Management</i> , 2022, 29, 1-25.	3.1	2
349	On using electronic health records to improve optimal treatment rules in randomized trials. <i>Biometrics</i> , 2020, 76, 1075-1086.	1.4	2
350	Vision-Based Pavement Marking Detection – A Case Study. <i>Lecture Notes in Civil Engineering</i> , 2021, , 1162-1171.	0.4	2
351	A Survey of Simulation Modelling Techniques in Lean Construction Research. , 0, , .		2
352	Digital Asset Information Management for Transport Infrastructure: Framework and Implementation. <i>Advances in Science, Technology and Innovation</i> , 2021, , 413-418.	0.4	2
353	Aluminum sulphate-assisted stepwise dealumination of OSDA-free low-silica chabazite for methanol-to-olefin reaction. <i>Microporous and Mesoporous Materials</i> , 2022, 338, 111972.	4.4	2
354	Hydrothermal synthesis of MWW-type zirconosilicate. <i>Studies in Surface Science and Catalysis</i> , 2008, , 385-388.	1.5	1
355	Post-conversion of MWW lamellar precursors into metallosilicates with large porosity. <i>Studies in Surface Science and Catalysis</i> , 2008, 174, 241-244.	1.5	1
356	Reducing carbon emissions in precast concrete production through the lean production philosophy. , 2010, , .		1
357	Achieving Economically Sustainable Subcontracting through the Hotelling Model by Considering the Spillover Effect. <i>Sustainability</i> , 2018, 10, 3291.	3.2	1
358	A bi-objective model for bus transit network and lane reservation integrated optimization. , 2019, , .		1
359	New Trends in Layered Zeolites. , 2020, , .		1
360	Catalytic Properties of Ti-MWW in Selective Oxidation Reactions. <i>Springer Briefs in Molecular Science</i> , 2013, , 63-123.	0.1	1

#	ARTICLE	IF	CITATIONS
361	Structural Modification of Ti-MWW: A Door to Diversity. Springer Briefs in Molecular Science, 2013, , 35-61.	0.1	1
362	Application of Lean Production With Value Stream Mapping to the Blasting and Coating Industry. , 0, , .		1
363	Assessing block-level sustainable transport infrastructure development using a spatial trade-off relation model. International Journal of Applied Earth Observation and Geoinformation, 2021, 105, 102585.	2.8	1
364	Stacking-faulted CDO zeolite nanosheets efficient for bulky molecular reactions. Chemical Communications, 2022, 58, 6008-6011.	4.1	1
365	Liquid-phase Ammoximation over Ti-MWW: High Efficiency, Reaction Conditions and Mechanism. Studies in Surface Science and Catalysis, 2007, , 361-364.	1.5	0
366	Measuring Sustainability Performance Within the Australian Energy Industry. , 2015, , 135-143.		0
367	Mixed-integer programming for unrelated parallel machines scheduling problem considering electricity cost and makespan penalty cost. , 2019, , .		0
368	A decision model for optimal lane reservation with task merging and residual capacity constraints. , 2019, , .		0
369	The Benefits and Implied Costs of JIT Sourcing to Chinese Contractors: A Review of Literature. , 2014, , 581-587.		0
370	Mathematical Optimisation of Rail Station Location and Route Design in Urban Regions through Minimising Noise Pollution. , 2018, , .		0
371	Religious Beliefs and Depression: Psychosocial Factors Affecting HIV Treatment Outcomes in South Africa. New Voices in Psychology, 2016, 12, 2-20.	0.0	0
372	Synthesis and interlayer structure reconstruction of a new layered zeolitic aluminosilicate. Journal of Porous Materials, 0, , .	2.6	0