

Xijun Hu

List of Publications by Year in descending order

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133
papers

4,935
citations

87888

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136
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136
docs citations

136
times ranked

5736
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanostructured morphology control for efficient supercapacitor electrodes. <i>Journal of Materials Chemistry A</i> , 2013, 1, 2941-2954.	10.3	267
2	Degradation of Azo-dye Orange II by a Photoassisted Fenton Reaction Using a Novel Composite of Iron Oxide and Silicate Nanoparticles as a Catalyst. <i>Industrial & Engineering Chemistry Research</i> , 2003, 42, 2058-2066.	3.7	245
3	Novel Bentonite Clay-Based Fe ^{III} Nanocomposite as a Heterogeneous Catalyst for Photo-Fenton Discoloration and Mineralization of Orange II. <i>Environmental Science & Technology</i> , 2004, 38, 269-275.	10.0	218
4	Synthesis of anatase TiO ₂ supported on porous solids by chemical vapor deposition. <i>Catalysis Today</i> , 2001, 68, 173-182.	4.4	203
5	Effect of initial solution pH on the degradation of Orange II using clay-based Fe nanocomposites as heterogeneous photo-Fenton catalyst. <i>Water Research</i> , 2006, 40, 641-646.	11.3	196
6	Novel Silica Gel Supported TiO ₂ Photocatalyst Synthesized by CVD Method. <i>Langmuir</i> , 2000, 16, 6216-6222.	3.5	189
7	Discoloration and Mineralization of Orange II Using Different Heterogeneous Catalysts Containing Fe: A Comparative Study. <i>Environmental Science & Technology</i> , 2004, 38, 5773-5778.	10.0	170
8	Discoloration and mineralization of Reactive Red HE-3B by heterogeneous photo-Fenton reaction. <i>Water Research</i> , 2003, 37, 3776-3784.	11.3	166
9	Copper/activated carbon as catalyst for organic wastewater treatment. <i>Carbon</i> , 1999, 37, 631-637.	10.3	95
10	Capability of novel ZnFe ₂ O ₄ nanotube arrays for visible-light induced degradation of 4-chlorophenol. <i>Chemosphere</i> , 2011, 82, 581-586.	8.2	94
11	Anionic Dye Adsorption on Chemically Modified Ordered Mesoporous Carbons. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 14070-14083.	3.7	88
12	A novel laponite clay-based Fe nanocomposite and its photo-catalytic activity in photo-assisted degradation of Orange II. <i>Chemical Engineering Science</i> , 2003, 58, 679-685.	3.8	86
13	Copper/MCM-41 as catalyst for the wet oxidation of phenol. <i>Applied Catalysis B: Environmental</i> , 2001, 32, 151-156.	20.2	82
14	Catalytic wet air oxidation of wastewater containing ammonia and phenol over activated carbon supported Pt catalysts. <i>Catalysis Today</i> , 2003, 88, 37-47.	4.4	77
15	Chemical-Vapor-Deposited Copper on Acid-Activated Bentonite Clay as an Applicable Heterogeneous Catalyst for the Photo-Fenton-like Oxidation of Textile Organic Pollutants. <i>Industrial & Engineering Chemistry Research</i> , 2005, 44, 7983-7990.	3.7	69
16	Discoloration and mineralization of Orange II by using a bentonite clay-based Fe nanocomposite film as a heterogeneous photo-Fenton catalyst. <i>Water Research</i> , 2005, 39, 89-96.	11.3	68
17	Copper/MCM-41 as a Highly Stable and pH-insensitive Heterogeneous Photo-Fenton-like Catalytic Material for the Abatement of Organic Wastewater. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 3328-3333.	3.7	68
18	Pillared laponite clay-based Fe nanocomposites as heterogeneous catalysts for photo-Fenton degradation of acid black 1. <i>Chemical Engineering Science</i> , 2004, 59, 5269-5275.	3.8	67

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19	Discoloration and mineralization of Orange II by using Fe ³⁺ -doped TiO ₂ and bentonite clay-based Fe nanocatalysts. <i>Catalysis Today</i> , 2004, 98, 441-446.	4.4	64
20	Synthesis, characterization and adsorptive performance of MgFe ₂ O ₄ nanospheres for SO ₂ removal. <i>Journal of Hazardous Materials</i> , 2010, 184, 704-709.	12.4	64
21	Preparation of Heterogeneous Photocatalyst (TiO ₂ /Alumina) by Metallo-Organic Chemical Vapor Deposition. <i>Industrial & Engineering Chemistry Research</i> , 1999, 38, 3381-3385.	3.7	61
22	Synthesis of Aligned Carbon Nanotubes on Double-Sided Metallic Substrate by Chemical Vapor Deposition. <i>Journal of Physical Chemistry C</i> , 2007, 111, 12617-12624.	3.1	60
23	Adsorption removal of acid black 1 from aqueous solution using ordered mesoporous carbon. <i>Applied Surface Science</i> , 2014, 294, 71-80.	6.1	60
24	An investigation on the adsorption of acid dyes on bentonite based composite adsorbent. <i>Separation and Purification Technology</i> , 2009, 67, 218-225.	7.9	58
25	Wet Air Oxidation of Desizing Wastewater from the Textile Industry. <i>Industrial & Engineering Chemistry Research</i> , 2000, 39, 2896-2901.	3.7	57
26	Adsorption Study of Benzene in Ink-Bottle-Like MCM-41. <i>Industrial & Engineering Chemistry Research</i> , 2001, 40, 862-867.	3.7	56
27	Reducing thermal contact resistance using a bilayer aligned CNT thermal interface material. <i>Chemical Engineering Science</i> , 2010, 65, 1101-1108.	3.8	55
28	Oxidative degradation of poly vinyl alcohol by the photochemically enhanced Fenton reaction. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1998, 116, 159-166.	3.9	54
29	On the degradability of printing and dyeing wastewater by wet air oxidation. <i>Water Research</i> , 2001, 35, 2078-2080.	11.3	53
30	Copper/MCM-41 as catalyst for photochemically enhanced oxidation of phenol by hydrogen peroxide. <i>Catalysis Today</i> , 2001, 68, 129-133.	4.4	51
31	Degradation of salicylic acid by photo-assisted Fenton reaction using Fe ions on strongly acidic ion exchange resin as catalyst. <i>Chemical Engineering Journal</i> , 2004, 100, 159-165.	12.7	47
32	Comparing various multicomponent adsorption equilibrium models. <i>AIChE Journal</i> , 1995, 41, 1585-1592.	3.6	45
33	Heterogeneous Pd catalyst for mild solvent-free oxidation of benzyl alcohol. <i>Journal of Molecular Catalysis A</i> , 2016, 425, 61-67.	4.8	44
34	Fabrication of Copper Nanowire Encapsulated in the Pore Channels of SBA-15 by Metal Organic Chemical Vapor Deposition. <i>Journal of Physical Chemistry C</i> , 2007, 111, 12536-12541.	3.1	42
35	Improved wet oxidation for the treatment of dyeing wastewater concentrate from membrane separation process. <i>Water Research</i> , 1998, 32, 2753-2759.	11.3	41
36	Photo Fenton degradation of high concentration Orange II (2mM) using catalysts containing Fe: A comparative study. <i>Separation and Purification Technology</i> , 2009, 67, 213-217.	7.9	41

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37	Facile solution synthesis and characterization of porous cubic-shaped superstructure of ZnAl ₂ O ₄ . <i>Materials Letters</i> , 2011, 65, 194-197.	2.6	40
38	pH-Insensitive Bimetallic Catalyst for the Abatement of Dye Pollutants by Photo-Fenton Oxidation. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 6639-6646.	3.7	40
39	A new system design for the preparation of copper/activated carbon catalyst by metal-organic chemical vapor deposition method. <i>Chemical Engineering Science</i> , 2003, 58, 687-695.	3.8	39
40	Novel bimetallic catalyst for the photo-assisted degradation of Acid Black 1 over a broad range of pH. <i>Chemical Engineering Science</i> , 2007, 62, 5150-5153.	3.8	39
41	A high performance bimetallic catalyst for photo-Fenton oxidation of Orange II over a wide pH range. <i>Catalysis Communications</i> , 2007, 8, 2125-2129.	3.3	38
42	Towards a recyclable MOF catalyst for efficient production of furfural. <i>Catalysis Today</i> , 2018, 314, 129-136.	4.4	38
43	Enhancement of the Upper Critical Field and Fluctuations above the Bulk T_c in Superconducting Ultrathin Lead Nanowire Arrays. <i>ACS Nano</i> , 2013, 7, 4187-4193.	14.6	37
44	A novel heterogeneous acid-activated clay supported copper catalyst for the photobleaching and degradation of textile organic pollutant using photo-Fenton-like reaction. <i>Chemical Communications</i> , 2005, , 3218.	4.1	36
45	Metallo-Organic Chemical Vapor Deposition (MOCVD) for the Development of Heterogeneous Catalysts. <i>Energy & Fuels</i> , 1998, 12, 1108-1113.	5.1	33
46	The NiAl mixed oxides: The relation between basicity and SO ₂ removal capacity. <i>Separation and Purification Technology</i> , 2011, 80, 345-350.	7.9	33
47	Functionalized ordered mesoporous carbon for the adsorption of reactive dyes. <i>Adsorption</i> , 2012, 18, 337-348.	3.0	33
48	A dual acidic hydrothermally stable MOF-composite for upgrading xylose to furfural. <i>Applied Catalysis A: General</i> , 2018, 566, 130-139.	4.3	32
49	Complete degradation of ciprofloxacin over g-C ₃ N ₄ -iron oxide composite via heterogeneous dark Fenton reaction. <i>Journal of Environmental Management</i> , 2019, 244, 23-32.	7.8	32
50	Effect of energy distribution on sorption kinetics in bidispersed particles. <i>AIChE Journal</i> , 1993, 39, 249-261.	3.6	31
51	Simulation and analysis of pressure swing adsorption: ethanol drying process by the electrical analogue. <i>Separation and Purification Technology</i> , 2003, 31, 31-35.	7.9	31
52	Role of energy distribution in multicomponent sorption kinetics in bidispersed solids. <i>AIChE Journal</i> , 1993, 39, 1628-1640.	3.6	30
53	Using Local IAST with Micropore Size Distribution To Predict Multicomponent Adsorption Equilibrium of Gases in Activated Carbon. <i>Langmuir</i> , 2000, 16, 1292-1298.	3.5	30
54	Catalytic Activity of Clay-Based Titanium Silicalite-1 Composite in Cyclohexanone Ammoximation. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 8441-8450.	3.7	28

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55	Catalytic effect of metal cations on the formation of carbon nanotubes inside the channels of AlPO ₄₋₅ crystal. <i>Carbon</i> , 2006, 44, 1151-1157.	10.3	26
56	Tribological behaviors of aligned carbon nanotube/fullerene-epoxy nanocomposites. <i>Polymer Engineering and Science</i> , 2008, 48, 1467-1475.	3.1	26
57	Study of Binary Adsorption Equilibrium of Hydrocarbons in Activated Carbon Using Micropore Size Distribution. <i>Langmuir</i> , 2000, 16, 5130-5136.	3.5	25
58	Ordered Mesoporous Carbon as an Efficient and Reversible Adsorbent for the Adsorption of Fullerenes. <i>Langmuir</i> , 2006, 22, 4583-4588.	3.5	25
59	Zr-SBA-15 supported Ni catalysts for lean NO _x reduction. <i>Journal of Molecular Catalysis A</i> , 2015, 409, 69-78.	4.8	25
60	Catalytic activity of an economically sustainable fly-ash-metal-organic-framework composite towards biomass valorization. <i>Catalysis Today</i> , 2018, 314, 137-146.	4.4	25
61	Study of isosteric heat of adsorption and activation energy for surface diffusion of gases on activated carbon using equilibrium and kinetics information. <i>Separation and Purification Technology</i> , 2004, 34, 165-176.	7.9	24
62	Synthesis and characterization of titanium silicate-1 supported on carbon nanofiber. <i>Microporous and Mesoporous Materials</i> , 2008, 108, 311-317.	4.4	24
63	Formulation of Reaction Kinetics for Cyclohexanone Ammoximation Catalyzed by a Clay-Based Titanium Silicalite-1 Composite in a Semibatch Process. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 13703-13710.	3.7	23
64	Effect of Surface Heterogeneity on the Adsorption Kinetics of Gases in Activated Carbon: Pore Size Distribution vs Energy Distribution. <i>Langmuir</i> , 1994, 10, 3296-3302.	3.5	22
65	Carbonization Mechanism of Tetrapropylammonium-hydroxide in Channels of AlPO ₄₋₅ Single Crystals. <i>Chemistry of Materials</i> , 2006, 18, 1505-1511.	6.7	22
66	Effect of micropore size distribution induced heterogeneity on binary adsorption kinetics of hydrocarbons in activated carbon. <i>Chemical Engineering Science</i> , 2000, 55, 1533-1544.	3.8	21
67	On the performance of HIAST and IAST in the prediction of multicomponent adsorption equilibria. <i>Separation and Purification Technology</i> , 2000, 20, 243-249.	7.9	21
68	Effect of surface energetic heterogeneity on the kinetics of adsorption of gases in microporous activated carbon. <i>Langmuir</i> , 1993, 9, 2530-2536.	3.5	20
69	Dramatic enhancement of superconductivity in single-crystalline nanowire arrays of Sn. <i>Scientific Reports</i> , 2016, 6, 32963.	3.3	20
70	Multicomponent Adsorption Kinetics of Gases in Activated Carbon: Effect of Pore Size Distribution. <i>Langmuir</i> , 1999, 15, 6428-6437.	3.5	19
71	Application of IAST in the Prediction of Multicomponent Adsorption Equilibrium of Gases in Heterogeneous Solids: Micropore Size Distribution versus Energy Distribution. <i>Industrial & Engineering Chemistry Research</i> , 2000, 39, 527-532.	3.7	19
72	Review of Kelvin's Equation and Its Modification in Characterization of Mesoporous Materials. <i>Chinese Journal of Chemical Physics</i> , 2006, 19, 102-108.	1.3	18

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73	Amorphous Iron and Cobalt Based Phosphate Nanosheets Supported on Nickel Foam as Superior Catalysts for Hydrogen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2018, 1, 6764-6768.	5.1	18
74	Degradation of ronidazole by electrochemically simultaneously generated persulfate and ferrous ions. <i>Chemosphere</i> , 2020, 238, 124579.	8.2	18
75	Catalytically active interfaces in titania nanorod-supported copper catalysts for CO oxidation. <i>Nano Research</i> , 2020, 13, 533-542.	10.4	18
76	Ternary adsorption kinetics of gases in activated carbon. <i>Separation and Purification Technology</i> , 1994, 8, 175-186.	0.3	17
77	MULTICOMPONENT ADSORPTION EQUILIBRIUM OF GASES IN ZEOLITE: EFFECT OF PORE SIZE DISTRIBUTION. <i>Chemical Engineering Communications</i> , 1999, 174, 201-214.	2.6	17
78	A heterostructured titanium silicalite-1 catalytic composite for cyclohexanone ammoximation. <i>Microporous and Mesoporous Materials</i> , 2009, 120, 368-374.	4.4	17
79	Synthesis of exfoliated CNT-metal-clay nanocomposite by chemical vapor deposition. <i>Separation and Purification Technology</i> , 2009, 67, 238-243.	7.9	16
80	Hybridizing amorphous nickel cobalt phosphate and nickel phosphide as an efficient bifunctional nanocatalyst towards overall water splitting. <i>Catalysis Today</i> , 2020, 358, 215-220.	4.4	16
81	Catalytic oxidation of carbon monoxide in a fixed bed reactor. <i>Separation and Purification Technology</i> , 2004, 34, 105-108.	7.9	15
82	Aerobic oxidation of benzyl alcohol: Influence from catalysts basicity, acidity, and preparation methods. <i>Molecular Catalysis</i> , 2020, 485, 110789.	2.0	15
83	Ternary desorption and displacement kinetics of gases in activated carbon. <i>Separation and Purification Technology</i> , 1994, 8, 187-190.	0.3	14
84	Thermal Decomposition of Carbon Precursors in Decorated AFI Zeolite Crystals. <i>Journal of Physical Chemistry B</i> , 2006, 110, 19285-19290.	2.6	14
85	In situ oxidation for stabilization of Fe/MCM-41 catalyst prepared by metal organic chemical vapor deposition. <i>Catalysis Communications</i> , 2007, 8, 1719-1723.	3.3	14
86	Modeling of a pilot-scale trickle bed reactor for the catalytic oxidation of phenol. <i>Separation and Purification Technology</i> , 2009, 67, 158-165.	7.9	14
87	Effect of pore size distribution shape on the prediction of binary adsorption equilibrium and kinetics of gases in activated carbon. <i>Separation and Purification Technology</i> , 2004, 34, 177-190.	7.9	13
88	Formation of an ink-bottle-like pore structure in SBA-15 by MOCVD. <i>Chemical Communications</i> , 2008, , 5131.	4.1	13
89	Fabrication of copper (I) nitride nanorods within SBA-15 by metal organic chemical vapor deposition. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 352-356.	0.9	13
90	Study on the Synthesis of Clay-Based Titanium Silicalite-1 Catalytic Composite. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 5266-5275.	3.7	13

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91	Alkylruthenium Complexes Containing Polypyridyl Ligands: Synthesis, Characterization, and Immobilization on Silica. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2893-2899.	2.0	13
92	High Zr-loaded SBA-15 cobalt catalyst for efficient NO _x reduction in lean-burn exhaust. <i>Applied Catalysis A: General</i> , 2015, 508, 25-36.	4.3	13
93	Synthesis of Metallic Nanostructures Using Chemical Fluid Deposition. <i>Journal of Physical Chemistry C</i> , 2008, 112, 10068-10072.	3.1	12
94	The formation of hollow poly(methyl methacrylate)/multiwalled carbon nanotube nanocomposite cylinders by microwave irradiation. <i>Nanotechnology</i> , 2009, 20, 095601.	2.6	12
95	Mild acid functionalization of metal-organic framework and its catalytic effect on esterification of acetic acid with n-butanol. <i>Molecular Catalysis</i> , 2020, 482, 110635.	2.0	12
96	Use IAST with MSPD to predict binary adsorption kinetics on activated carbon. <i>AIChE Journal</i> , 2000, 46, 1743-1752.	3.6	11
97	Validity of isothermality in adsorption kinetics of gases in bidispersed solids. <i>AIChE Journal</i> , 1995, 41, 1581-1584.	3.6	10
98	Kinetics Study on Heterogeneous Catalytic Wet Air Oxidation of Phenol using Copper/Activated Carbon Catalyst. <i>International Journal of Chemical Reactor Engineering</i> , 2005, 3, .	1.1	10
99	Fabrication of copper nanorods by low-temperature metal organic chemical vapor deposition. <i>Science Bulletin</i> , 2006, 51, 2662-2668.	1.7	10
100	Catalysis at room temperature: perspectives for future green chemical processes. <i>Wiley Interdisciplinary Reviews: Energy and Environment</i> , 2015, 4, 316-338.	4.1	10
101	Nanosheet-like Ternary Metal Sulfide as a pH-Universal Catalyst for the Hydrogen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2020, 3, 6172-6179.	5.1	9
102	Titanium dioxide nanotube arrays (TNTAs) as an effective electrocatalyst interlayer for sustainable high-energy density lithium-sulfur batteries. <i>Journal of Alloys and Compounds</i> , 2022, 899, 163268.	5.5	9
103	Dynamic simulation of pressure swing adsorption system with the electrical network. <i>Chemical Engineering Science</i> , 2005, 60, 4635-4645.	3.8	7
104	Catalytic growth of 0.4 nm single-walled carbon nanotubes aligned inside porous zeolite crystals. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 3082-3086.	1.5	7
105	Role of Pore Size Distribution in the Binary Adsorption Kinetics of Gases in Activated Carbon. <i>Studies in Surface Science and Catalysis</i> , 2000, 128, 401-410.	1.5	6
106	Mineralization of Indigo Carmine at Neutral pH Using a Nanocomposite as a Heterogeneous Photo-Fenton Catalyst. <i>Studies in Surface Science and Catalysis</i> , 2006, 159, 389-392.	1.5	6
107	A combined technique of photo-doping and MOCVD for the development of heterogeneous photo-Fenton catalyst. <i>Separation and Purification Technology</i> , 2009, 67, 233-237.	7.9	6
108	Preparation of microfibrous entrapped activated carbon composite. <i>Separation and Purification Technology</i> , 2009, 67, 149-151.	7.9	6

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109	Non-precious metal catalysts supported on high Zr loaded-SBA-15 for lean NO reduction. <i>Molecular Catalysis</i> , 2017, 440, 1-8.	2.0	6
110	Graphitic Carbon Nitride/Copper-Iron Oxide Composite for Effective Fenton Degradation of Ciprofloxacin at Near-Neutral pH. <i>ChemistrySelect</i> , 2020, 5, 8198-8206.	1.5	6
111	Pd doped Co functionalized SBA-15 as an active magnetic catalyst for low temperature solventless additive-base-free selective oxidation of benzyl alcohol. <i>Molecular Catalysis</i> , 2020, 488, 110869.	2.0	6
112	Understanding the oxygen-containing functional groups on multiwall carbon nanotubes toward supercapacitors. <i>Materials Today Chemistry</i> , 2021, 19, 100414.	3.5	6
113	A template-free nano-wrapping technique for the fabrication of copper hollow nanospheres smaller than 20 nm. <i>Chemical Communications</i> , 2008, , 6390.	4.1	5
114	A comprehensive study on the effect of preparation methods for Au-core@shell silica materials in room temperature oxidative amide formation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 789-796.	10.3	5
115	The role of the coherence length for the establishment of global phase coherence in arrays of ultra-thin superconducting nanowires. <i>Superconductor Science and Technology</i> , 2017, 30, 105004.	3.5	5
116	Mesoporous Materials as Catalyst support for Wastewater Treatment. <i>Madridge Journal of Nanotechnology & Nanoscience</i> , 2019, 4, 160-167.	0.4	5
117	A new route for fast synthesis of copper nanowires and application on flexible transparent conductive films. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	1.9	4
118	Superior adsorption capacity of film typed carbon for the abatement of sulfur dioxide. <i>Catalysis Today</i> , 2010, 158, 269-272.	4.4	3
119	Encapsulating sulphur inside Magn@li phase Ti_4O_7 nanotube array for high performance lithium sulphur battery cathode. <i>Canadian Journal of Chemical Engineering</i> , 2022, 100, 2417-2431.	1.7	3
120	CONTINUOUS CATALYTIC WET AIR OXIDATION OF PHENOL IN A TRICKLE BED REACTOR. , 2000, , .		2
121	Synthesis of SBA-15/carbon composite with an ink-bottle-like pore structure by a novel pulse CVD technique. <i>Adsorption</i> , 2007, 13, 281-290.	3.0	2
122	Highly efficient and robust sulfur-doped nickel-cobalt oxide towards oxygen evolution reaction. <i>Molecular Catalysis</i> , 2020, 496, 111175.	2.0	2
123	A nano-sized catalytic architecture composed of SiO_2 - TiO_2 particle and carbon nanofibers. , 2006, , .		1
124	Mechanism of forming an ink-bottle-like pore structure based on SBA-15 by a novel MOCVD technique. <i>Science Bulletin</i> , 2010, 55, 446-451.	1.7	1
125	Discoloration and Mineralization of Non-biodegradable Azo Dye Orange II by Copper-doped TiO_2 Nanocatalysts. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2004, 39, 2583-2595.	1.7	1
126	COPPER/MCM-41 AS PHOTOCATALYST FOR THE OXIDATION OF PHENOL. , 2000, , .		1

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127	ESTIMATION OF ACTIVATION ENERGY FOR DESORPTION OF LOW-VOLATILITY DIOXINS ON ZEOLITES BY TPD TECHNIQUE. , 2000, , .		1
128	Fabrication of Copper Nanowire Encapsulated in SBA-15 Nanocomposite by Metal Organic Chemical Vapor Deposition. , 2006, , .		0
129	Synthesis of high density 4 A single-walled carbon nanotubes in AlPO/sub 4/5 zeolites. , 2006, , .		0
130	Filtration and Catalytic Behaviors of Titanium Silicate-1 Supported on Carbon Nanofibers for Cyclohexanone Ammoximation. , 2011, , .		0
131	USING LOCAL IAS THEORY AND PORE SIZE DISTRIBUTION CONCEPT TO PREDICT BINARY ADSORPTION KINETICS OF GASES ON ACTIVATED CARBON. , 2000, , .		0
132	SIMULATION AND ANALYSIS OF PRESSURE SWING ADSORPTION ETHANOL DRYING PROCESS BY THE ELECTRICAL ANALOGUE. , 2000, , .		0
133	Zeolites as Functional Materials for Energy Technology. Nanomedicine & Nanotechnology Open Access, 2018, 3, .	0.1	0