Tawatchai Charinpanitkul

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Simultaneous production of hydrogen and carbon nanotubes from biogas: On the design of combined process. International Journal of Hydrogen Energy, 2022, 47, 14432-14452.	7.1	9
2	Effect of CoMo metal loading on H2 and CNTs production from biogas by integrative process. International Journal of Hydrogen Energy, 2022, 47, 41444-41460.	7.1	2
3	Temperature dependence of iron oxide-graphene oxide properties for synthesis of carbon nanotube/graphene hybrid material. Catalysis Today, 2021, 375, 79-86.	4.4	2
4	Sulfonated graphene oxide from petrochemical waste oil for efficient conversion of fructose into levulinic acid. Catalysis Today, 2021, 375, 197-203.	4.4	7
5	Sulfonated magnetic carbon nanoparticles from eucalyptus oil as a green and sustainable catalyst for converting fructose to 5-HMF. Catalysis Communications, 2021, 149, 106229.	3.3	16
6	Step-by-step conversion of water hyacinth waste to carbon nanohorns by a combination of hydrothermal treatment, carbonization and arc in water processes. Diamond and Related Materials, 2021, 111, 108222.	3.9	3
7	Recent Developments in Nanocellulose-Reinforced Rubber Matrix Composites: A Review. Polymers, 2021, 13, 550.	4.5	41
8	Hybrid effect of carbon nanotubes and polypropylene fibers on mechanical properties and fire resistance of cement mortar. Construction and Building Materials, 2021, 275, 122189.	7.2	53
9	Catalytic performance of Ni/CeO2 catalysts prepared from different routes for CO2 methanation. Journal of the Taiwan Institute of Chemical Engineers, 2021, 121, 184-196.	5.3	24
10	Fundamentals to Apply Magnetic Nanoparticles for Hyperthermia Therapy. Nanomaterials, 2021, 11, 1203.	4.1	90
11	Bio-based production of carbon nanotubes via co-pyrolysis of eucalyptus oil and ferrocene. Journal of Analytical and Applied Pyrolysis, 2021, 158, 105257.	5.5	13
12	Simultaneous production of hydrogen and carbon nanotubes from biogas: On the effect of Ce addition to CoMo/MgO catalyst. International Journal of Hydrogen Energy, 2021, 46, 38175-38190.	7.1	10
13	Syngas production with low tar content from cellulose pyrolysis in molten salt combined with Ni/Al2O3 catalyst. Journal of Analytical and Applied Pyrolysis, 2021, 158, 105243.	5.5	20
14	Enhancement of carbon monoxide removal in an underground car park using ventilation system with single and twin jet fans. Tunnelling and Underground Space Technology, 2020, 97, 103226.	6.2	11
15	Assessment of agricultural waste-derived activated carbon in multiple applications. Environmental Research, 2020, 191, 110176.	7.5	34
16	Dependence of MWCNT production via co-pyrolysis of industrial slop oil and ferrocene on growth temperature and heating rate. Journal of Analytical and Applied Pyrolysis, 2020, 150, 104878.	5.5	3
17	Improvement of magnetic property of Fe nanoparticles dispersed in single-walled carbon nanohorns by a vacuum heat treatment. Materials Chemistry and Physics, 2019, 237, 121880.	4.0	1
18	Facile fabrication of WO3/MWCNT hybrid materials for gas sensing application. Applied Surface Science, 2019, 487, 272-277.	6.1	10

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19	Performance verification of the photocatalytic solar water purification system for sterilization using actual drinking water in Thailand. Journal of Water Process Engineering, 2019, 31, 100835.	5.6	13
20	A novel catalyst of Ni hybridized with single-walled carbon nanohorns for converting methyl levulinate to 1 ³ -valerolactone. Applied Surface Science, 2019, 474, 161-168.	6.1	12
21	Recent Membrane Developments for CO ₂ Separation and Capture. Chemical Engineering and Technology, 2018, 41, 211-223.	1.5	127
22	Spontaneous and controlled-diameter synthesis of single-walled and few-walled carbon nanotubes. Chemical Physics Letters, 2018, 699, 88-92.	2.6	7
23	Controlled synthesis of magnetic carbon nanoparticles via glycerol/ferrocene co-pyrolysis with magnetic induction. Particuology, 2018, 37, 9-16.	3.6	2
24	Hydrothermal and enzymatic treatments of pineapple waste for energy production. Energy Procedia, 2018, 152, 1260-1265.	1.8	13
25	Sensitivity Enhancement of Benzene Sensor Using Ethyl Cellulose-Coated Surface-Functionalized Carbon Nanotubes. Journal of Sensors, 2018, 2018, 1-9.	1.1	3
26	Effect of Single-walled Carbon Nanotube Catalysts on Hydrothermal Pretreatment of Cellulose. Journal of the Japan Petroleum Institute, 2018, 61, 199-204.	0.6	2
27	A Comparative Performance of New Materials for Carbon Dioxide Removal in Absorption Process. Materials Science Forum, 2017, 890, 176-179.	0.3	0
28	Dehydration of D-xylose to furfural using acid-functionalized MWCNTs catalysts. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2017, 8, 035006.	1.5	11
29	Present Advancement in Production of Carbon Nanotubes and Their Derivatives from Industrial Waste with Promising Applications. KONA Powder and Particle Journal, 2017, 34, 24-43.	1.7	16
30	Conversion of D-Xylose to Furfural via Catalytic Dehydration Using Carbon Nanohorns Hybridized with NiCu Nanoparticles. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2017, 96, 380-385.	0.2	0
31	Measurement of Solubility and Physical Properties of Aqueous Solution of 2-(Diethylamino)ethanol for CO 2 Capture. Energy Procedia, 2017, 142, 3625-3630.	1.8	4
32	Catalytic Ozonation of Oxy-tetracycline Using Magnetic Carbon Nanoparticles. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2017, 96, 362-366.	0.2	6
33	Nanowires Nickel Oxide and Nanospherical Manganese Oxide Synthesized via Low Temperature Hydrothermal Technique for Hydrogen Peroxide Sensor. Journal of Chemistry, 2016, 2016, 1-6.	1.9	6
34	Comments on "Vapor–Liquid Equilibrium for Ternary and Binary Systems of Tetrahydrofuran, Cyclohexane, and 1,2-Propanediol at 101.3 kPa― Journal of Chemical & Engineering Data, 2016, 61, 1961-1963.	1.9	1
35	Carbon Dioxide Removal by Using Absorption Process with 5M Aqueous Solution of 2-(Methylamino)Ethanol. Advanced Materials Research, 2015, 1125, 312-316.	0.3	0
36	Enhancement of the effective thermal conductivity in packed beds by direct synthesis of carbon nanotubes. Journal of Thermal Science and Technology, 2015, 10, JTST0013-JTST0013.	1.1	2

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37	Synthesis of Carbon Nanoparticles via Co-Pyrolysis of Waste Slop Oil and Ferrocene. Advanced Materials Research, 2015, 1103, 97-103.	0.3	2
38	Study on Effect of Acid and Heat Treatments of Multi-Walled Carbon Nanotubes on Benzene Detection. Advanced Materials Research, 2015, 1103, 105-111.	0.3	1
39	Mesoporous RF-Xerogels by Facile Hydrothermal Synthesis. Engineering Journal, 2015, 19, 95-104.	1.0	2
40	Production of bio-hydrogenated diesel by catalytic hydrotreating of palm oil over NiMoS2/γ-Al2O3 catalyst. Bioresource Technology, 2014, 158, 81-90.	9.6	156
41	Effect of Fe/Fe ₂ O ₃ loading on the catalytic activity of sulfonated single-walled carbon nanohorns for the esterification of palmitic acid. Green Chemistry, 2014, 16, 4936-4943.	9.0	21
42	Controlled Syntheses of Various Palladium Alloy Nanoparticles Dispersed in Single-Walled Carbon Nanohorns by One-Step Formation Using an Arc Discharge Method. Industrial & Engineering Chemistry Research, 2014, 53, 4732-4738.	3.7	15
43	Fabrication of carbon nanotube film directly grown on conductive stainless steel film and application to dielectrophoretic nanoparticle capture. Journal of Applied Physics, 2014, 115, 154302.	2.5	5
44	Preparation of Magnetite Hollow Structure for Drug Delivery Application. Journal of Nanoscience and Nanotechnology, 2014, 14, 7995-7999.	0.9	9
45	Vapor-Liquid Equilibrium of Carbon Dioxide in a 5m Aqueous Solution of 2-(Dimethylamino) Ethanol. , 2014, , .		2
46	Removal of Acid Gases from Biomass-to-Liquid Process Syngas Used as Raw Materials for Fischer-Tropsch Technology. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2014, 93, 1227-1231.	0.2	1
47	Hydrogel based oil encapsulation for controlled release of curcumin byÂusing a ternary system of chitosan, kappa-carrageenan, and carboxymethylcellulose sodium salt. LWT - Food Science and Technology, 2013, 54, 600-605.	5.2	39
48	Effect of CH ₃ COOH and K ₂ CO ₃ on Hydrothermal Pretreatment of Water Hyacinth (<i>Eichhornia crassipes</i>). Industrial & Engineering Chemistry Research, 2013, 52, 5009-5015.	3.7	12
49	Effect of Pt or Pd doping on stability of TiO2 nanoparticle suspension in water. Journal of Industrial and Engineering Chemistry, 2013, 19, 150-156.	5.8	9
50	Encapsulation of Curcumin Loaded Oil Droplets with Chitosan Based Cryogel: Influence of Freezing Condition on Nanocapsule Properties. Food Science and Technology Research, 2013, 19, 633-640.	0.6	11
51	Synthesis of Porous Materials and Their Microstructural Control through Ice Templating. Engineering Journal, 2013, 17, 1-8.	1.0	16
52	Removal of Humic Acid by Photocatalytic Process: Effect of Light Intensity. Engineering Journal, 2013, 17, 25-32.	1.0	9
53	Integrated methane decomposition and solid oxide fuel cell for efficient electrical power generation and carbon capture. Chemical Engineering Research and Design, 2012, 90, 2223-2234.	5.6	11
54	Improved hydrophilicity of zinc oxide-incorporated layer-by-layer polyelectrolyte film fabricated by dip coating method. Journal of Industrial and Engineering Chemistry, 2012, 18, 1441-1445.	5.8	11

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55	Microwave-induced fabrication of copper nanoparticle/carbon nanotubes hybrid material. Current Applied Physics, 2012, 12, 1575-1579.	2.4	11
56	The loss of <scp>OSA</scp> â€modified starch emulsifier property during the highâ€pressure homogeniser and encapsulation of multiâ€flavour bergamot oil by spray drying. International Journal of Food Science and Technology, 2012, 47, 2325-2333.	2.7	26
57	Facile method to prepare magnetic multi-walled carbon nanotubes by in situ co-precipitation route. Journal of Industrial and Engineering Chemistry, 2012, 18, 1568-1571.	5.8	14
58	Control of coupled PDEs–ODEs using input–output linearization: Application to a cracking furnace. Chemical Engineering Science, 2012, 75, 144-151.	3.8	17
59	Generation of uniform tetrapod-shaped zincoxide nanoparticles by gas-phase reaction with using flow restrictor. Advanced Powder Technology, 2012, 23, 71-79.	4.1	9
60	Suppression of fugitive dust emitted from stone quarrying process using wetted wire screen. Separation and Purification Technology, 2012, 92, 17-20.	7.9	6
61	Development of encapsulation technique for curcumin loaded O/W emulsion using chitosan based cryotropic gelation. Materials Science and Engineering C, 2012, 32, 790-798.	7.3	29
62	l-Menthol crystal micronized by rapid expansion of supercritical carbon dioxide. Journal of Industrial and Engineering Chemistry, 2012, 18, 904-908.	5.8	9
63	Facile synthesis of tetrapodal ZnO nanoparticles by modified French process and its photoluminescence. Journal of Industrial and Engineering Chemistry, 2012, 18, 469-473.	5.8	15
64	Numerical analysis on premixed combustion of H2–SiCl4–Air system to prepare SiO2 particles. Journal of Industrial and Engineering Chemistry, 2012, 18, 509-512.	5.8	7
65	Role of Surface Area, Primary Particle Size, and Crystal Phase on Titanium Dioxide Nanoparticle Dispersion Properties. Nanoscale Research Letters, 2011, 6, 27.	5.7	533
66	Application of TiO2-Coated Alumina Beads to Dielectric Barrier Discharge-Photocatalyst Hybrid Process for NO and SO2 Removals. Journal of Nanoscience and Nanotechnology, 2011, 11, 1323-1327.	0.9	3
67	Hydrothermal synthesis of titanate nanoparticle/carbon nanotube hybridized material for dye sensitized solar cell application. Materials Research Bulletin, 2011, 46, 1604-1609.	5.2	26
68	Adsorption and Ozonation Kinetic Model for Phenolic Wastewater Treatment. Chinese Journal of Chemical Engineering, 2011, 19, 76-82.	3.5	24
69	Controlled synthesis of defects-containing ZnO by the French process modified with pulsed injection and its luminescence properties. Ceramics International, 2011, 37, 2021-2024.	4.8	3
70	Characterization of doped TiO2 nanoparticle dispersions. Chemical Engineering Science, 2011, 66, 3482-3490.	3.8	38
71	Single-step synthesis and characterization of single-walled carbon nanohorns hybridized with Pd nanoparticles using N2 gas-injected arc-in-water method. Carbon, 2011, 49, 4920-4927.	10.3	25
72	Metal catalysts impregnated on porous media for aqueous phenol decomposition within three-phase fluidized-bed reactor. Journal of Hazardous Materials, 2011, 185, 606-612.	12.4	11

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73	Regeneration of activated carbons saturated with pyridine or phenol using supercritical water oxidation method enhanced with hydrogen peroxide. Journal of Industrial and Engineering Chemistry, 2011, 17, 570-574.	5.8	16
74	Sequential deposition of polydisperse particles with double layer interactions: An integral-equation theory. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 19-26.	2.6	5
75	Synergetic removal of aqueous phenol by ozone and activated carbon within three-phase fluidized-bed reactor. Journal of Industrial and Engineering Chemistry, 2010, 16, 91-95.	5.8	15
76	Generation and size classification of single-walled carbon nanotube aerosol using atmospheric pressure pulsed laser ablation (AP-PLA). Journal of Nanoparticle Research, 2010, 12, 2747-2755.	1.9	10
77	Single-step synthesis of MWCNT/ZnO nanocomposite using co-chemical vapor deposition method. Materials Letters, 2010, 64, 80-82.	2.6	21
78	Utilization of rice-husk packed beds as fine dust collectors at heavy dust loadings. Journal of Industrial and Engineering Chemistry, 2010, 16, 224-229.	5.8	6
79	Hydrothermal synthesis of titanate nanostructures with high UV absorption characteristics. Journal of Industrial and Engineering Chemistry, 2010, 16, 63-67.	5.8	5
80	Effect of arc current on characteristics of nanocarbons prepared by cryogenic arc discharge method. Journal of Industrial and Engineering Chemistry, 2010, 16, 912-917.	5.8	12
81	lce crystal formation in the carbon nanotube suspension: A modelling approach. Chemical Engineering Science, 2010, 65, 1438-1451.	3.8	25
82	Facile strategy for stability control of gold nanoparticles synthesized by aqueous reduction method. Current Applied Physics, 2010, 10, 708-714.	2.4	23
83	Effect of Milling on the Formation of Nanocrystalline ï‡â€Al ₂ O ₃ from Gibbsite. Journal of the American Ceramic Society, 2010, 93, 3377-3383.	3.8	8
84	Enhanced stability and <i>in vitro</i> bioactivity of surfactant-loaded liposomes containing Asiatic Pennywort extract. Journal of Microencapsulation, 2010, 27, 436-446.	2.8	6
85	Effect of Reaction Temperature and Sonication Pretreatment in the Hydrothermal Process on the Morphology of Titanate Nano-Structure. Journal of Chemical Engineering of Japan, 2009, 42, S234-S237.	0.6	3
86	A model of reaction field in gas-injected arc-in-water method to synthesize single-walled carbon nanohorns: Influence of water temperature. Journal of Applied Physics, 2009, 106, .	2.5	22
87	Single-step synthesis of nanocomposite of copper and carbon nanoparticles using arc discharge in liquid nitrogen. Materials Chemistry and Physics, 2009, 116, 125-128.	4.0	21
88	Effect of preparation variables on morphology and anatase–brookite phase transition in sonication assisted hydrothermal reaction for synthesis of titanate nanostructures. Materials Chemistry and Physics, 2009, 118, 254-258.	4.0	31
89	Enhancing effect of monoolein surfactant on carbon nanoparticle synthesis by arc discharge in liquid. Materials Research Bulletin, 2009, 44, 324-327.	5.2	11
90	Effect of hot isostatically pressed sintering on microstructure of translucent alumina compact. Current Applied Physics, 2009, 9, 960-966.	2.4	9

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91	Selective synthesis of carbon nanotubes and nanocapsules using naphthalene pyrolysis assisted with ferrocene. Journal of Industrial and Engineering Chemistry, 2009, 15, 375-380.	5.8	22
92	Naphthalene as an alternative carbon source for pyrolytic synthesis of carbon nanostructures. Journal of Analytical and Applied Pyrolysis, 2009, 86, 386-390.	5.5	25
93	Dependence of zinc aluminate microscopic structure on its synthesis. Journal of Industrial and Engineering Chemistry, 2009, 15, 163-166.	5.8	17
94	Dispersion of multi-walled carbon nanotubes in poly(p-phenylene) thin films and their electrical characteristics. Particuology, 2009, 7, 403-407.	3.6	11
95	Mechanistic study on spraying of blended biodiesel using phase Doppler anemometry. Biomass and Bioenergy, 2009, 33, 1452-1457.	5.7	12
96	Carbon nanostructures synthesized by arc discharge between carbon and iron electrodes in liquid nitrogen. Current Applied Physics, 2009, 9, 629-632.	2.4	33
97	Hydrothermal Pretreatment of Rubber Wood for the Saccharification Process. Industrial & Engineering Chemistry Research, 2009, 48, 4587-4591.	3.7	42
98	Encapsulation of SiO2 and TiO2 Fine Powders with Poly(dl-lactic-co-glycolic acid) by Rapid Expansion of Supercritical CO2 Incorporated with Ethanol Cosolvent. Industrial & Engineering Chemistry Research, 2009, 48, 11230-11235.	3.7	28
99	Porous characteristics of carbon-coated silica gel beads prepared by liquid phase deposition of organic colloidal nanoparticles. Journal of Non-Crystalline Solids, 2009, 355, 2508-2513.	3.1	2
100	Decomposition of Phenol in Water by Ozone Oxidation with Metal-Supported Carbongel. Journal of Chemical Engineering of Japan, 2009, 42, S17-S22.	0.6	4
101	Electrical Resistance Variation of MWCNT/PMMA Composite for Gaseous Toluene Detection. Journal of Chemical Engineering of Japan, 2009, 42, S238-S241.	0.6	2
102	Particle Trajectories and Temperature Histories of TiO ₂ Nanoparticles Synthesized in Diffusion Flame Reactor. Journal of Nanoscience and Nanotechnology, 2009, 9, 4259-4266.	0.9	2
103	Application of TiO2 Photocatalysts to NO and SO2 Removal in the Dielectric Barrier Discharge Process. Journal of the Korean Physical Society, 2009, 54, 1042-1047.	0.7	4
104	Influence of salinity on bubble size distribution and gas–liquid mass transfer in airlift contactors. Chemical Engineering Journal, 2008, 141, 222-232.	12.7	39
105	Formation of deagglomerated PLGA particles and PLGA-coated ultra fine powders by rapid expansion of supercritical solution with ethanol cosolvent. Korean Journal of Chemical Engineering, 2008, 25, 838-845.	2.7	10
106	Review of Recent Research on Nanoparticle Production in Thailand. Advanced Powder Technology, 2008, 19, 443-457.	4.1	17
107	CFD investigation of high-temperature gas filtration using twin ceramic candles. Powder Technology, 2008, 180, 245-252.	4.2	5
108	Granulation and tabletization of pharmaceutical lactose granules prepared by a top-sprayed fluidized bed granulator. Journal of Industrial and Engineering Chemistry, 2008, 14, 661-666.	5.8	13

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109	A simple method for bakers' yeast cell disruption using a three-phase fluidized bed equipped with an agitator. Bioresource Technology, 2008, 99, 8935-8939.	9.6	10
110	Preparation of a carbon monolith with hierarchical porous structure by ultrasonic irradiation followed by carbonization, physical and chemical activation. Carbon, 2008, 46, 1309-1315.	10.3	33
111	Study on reaction field in arc-in-water to produce carbon nano-materials. Thin Solid Films, 2008, 516, 6694-6698.	1.8	21
112	Analysis of preparation of TiO2 particles by diffusion flame reactor for photodegradation of phenol and toluene. Research on Chemical Intermediates, 2008, 34, 319-329.	2.7	3
113	Preparation of macroporous solid foam from multi-walled carbon nanotubes by freeze-drying technique. Materials Chemistry and Physics, 2008, 112, 262-269.	4.0	51
114	Review of Recent Research on Nanoparticle Production in Thailand. Advanced Powder Technology, 2008, 19, 443-457.	4.1	8
115	Preparation of translucent alumina ceramic specimen using slip casting method. Journal of the Ceramic Society of Japan, 2008, 116, 409-413.	1.1	11
116	Microstructural Control of LSM/YSZ Composite Cathode for Lower Temperature Operation of SOFC. , 2007, , .		2
117	A Novel Rotary Drum Filtering Photoreactor for Wastewater Treatment Using Titanium Dioxide Nanoparticles. , 2007, , .		2
118	Random sequential adsorption of polydisperse spherical particles: An integral-equation theory. Physica A: Statistical Mechanics and Its Applications, 2007, 377, 102-114.	2.6	8
119	Rainbow refractrometry on particles with radial refractive index gradients. Experiments in Fluids, 2007, 43, 595-601.	2.4	41
120	Modeling of Experimental Treatment of Acetaldehyde-Laden Air and Phenol-Containing Water Using Corona Discharge Technique. Environmental Science & Technology, 2006, 40, 1622-1628.	10.0	25
121	Rainbow refractrometry: On the validity domain of Airy's and Nussenzveig's theories. Optics Communications, 2006, 259, 7-13.	2.1	47
122	Characteristics of Carbon Nanoparticles Synthesized by a Submerged Arc in Alcohols, Alkanes, and Aromatics. Journal of Physical Chemistry B, 2006, 110, 18299-18306.	2.6	33
123	Formation of strontium-doped lanthanum manganite (La0.8Sr0.2MnO3) by mechanical milling without media balls. Advanced Powder Technology, 2006, 17, 613-622.	4.1	25
124	Analysis of solid particle mixing in inclined fluidized beds using DEM simulation. Chemical Engineering Journal, 2006, 122, 21-29.	12.7	43
125	Effect of Supercritical Water Treatment on Porous Structure, Liquid-Phase Adsorption and Regeneration Characteristics of Activated Anthracite. Journal of Chemical Engineering of Japan, 2006, 39, 661-669.	0.6	1
126	A Review of Thailand's Contributions to Particle Technology Research and Development. KONA Powder and Particle Journal, 2006, 24, 70-82.	1.7	2

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127	Effects of cosurfactant on ZnS nanoparticle synthesis in microemulsion. Science and Technology of Advanced Materials, 2005, 6, 266-271.	6.1	62
128	3D interconnected macroporous carbon monoliths prepared by ultrasonic irradiation. Carbon, 2005, 43, 2808-2811.	10.3	28
129	Prediction of gas-particle dynamics and heat transfer in a two-dimensional spouted bed. Advanced Powder Technology, 2005, 16, 275-293.	4.1	46
130	High-temperature simultaneous removal of acetaldehyde and ammonia gases using corona discharge. Science and Technology of Advanced Materials, 2005, 6, 319-324.	6.1	20
131	Controlled synthesis of carbon nanoparticles by arc in water method with forced convective jet. Journal of Applied Physics, 2004, 96, 645-649.	2.5	29
132	Effect of oxygen and water vapor on the removal of styrene and ammonia from nitrogen by non-pulse corona-discharge at elevated temperatures. Chemical Engineering Journal, 2004, 97, 213-223.	12.7	29
133	Removal of acetaldehyde in air using a wetted-wall corona discharge reactor. Chemical Engineering Journal, 2004, 103, 115-122.	12.7	25
134	Simultaneous Gas-Water Purification by a Wetted-Wall Corona Discharge Reactor: Decomposition of Aqueous Phenol and Gaseous Acetaldehyde. Journal of Chemical Engineering of Japan, 2004, 37, 1373-1378.	0.6	4
135	Bubble size distribution and gas–liquid mass transfer in airlift contactors. Chemical Engineering Journal, 2003, 92, 81-90.	12.7	74
136	Estimation of collection efficiency enhancement factor for an electret fiber with dust load. Journal of Aerosol Science, 2003, 34, 1505-1522.	3.8	16
137	Influence of Electric Field Strength in a High-Temperature Corona Discharge Reactor on Removal of Toluene from Nitrogen and Air. Journal of Chemical Engineering of Japan, 2003, 36, 946-952.	0.6	4
138	Removal of Trimethylamine in Gas by Corona-Discharge Reactor Journal of Chemical Engineering of Japan, 2001, 34, 1006-1011.	0.6	0
139	Investigation of suitable quantitative indices for the evaluation of additive dispersion in a material matrix using Monte-Carlo simulation. Advanced Powder Technology, 2000, 11, 69-85.	4.1	1
140	INFLUENCE OF TEMPERATURE ON REMOVAL OF SULFUR DIOXIDE AND BENZENE FROM AIR BY CORONA DISCHARGE REACTOR. , 2000, , .		0
141	Title is missing!. ScienceAsia, 1999, 25, 57.	0.5	4
142	Effect of Structure of Corona-Discharge Reactor on Removal of Dilute Gaseous Pollutants Using Selective Electron Attachment Journal of Chemical Engineering of Japan, 1998, 31, 7-13.	0.6	6
143	Bubble Characteristics of Circulating Three-Phase Fluidized Bed Kagaku Kogaku Ronbunshu, 1995, 21, 132-136.	0.3	0
144	Gas-Liquid Mass Transfer in a Three-Phase Reactor Journal of Chemical Engineering of Japan, 1993, 26, 440-442	0.6	8

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145	Prediction of solid concentration profiles in three-phase reactors by a wake shedding model. Chemical Engineering Science, 1992, 47, 3411-3418.	3.8	13
146	Cryogel Based Oil Encapsulation for Controlled Release of Curcumin by Using a Ternary System of Chitosan, Kappa-Carrageenan, and Carboxymethylcellulose Sodium Salt. Advanced Materials Research, 0, 701, 98-102.	0.3	2
147	CO ₂ Absorption in a 5M Aqueous Solution of 2-(Diethylamino)Ethanol. Applied Mechanics and Materials, 0, 660, 381-385.	0.2	0
148	Effect of pH and Freezing Condition on Cryogel Encapsulation of Curcumin. Advanced Materials Research, 0, 1103, 9-14.	0.3	0
149	Development of Filtration Technology for PM2.5 in Diesel Exhaust. Ceramic Transactions, 0, , 339-344.	0.1	1