

Tawatchai Charinpanitkul

List of Publications by Year in descending order

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papers

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times ranked

4627
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous production of hydrogen and carbon nanotubes from biogas: On the design of combined process. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 14432-14452.	3.8	9
2	Effect of CoMo metal loading on H ₂ and CNTs production from biogas by integrative process. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 41444-41460.	3.8	2
3	Temperature dependence of iron oxide-graphene oxide properties for synthesis of carbon nanotube/graphene hybrid material. <i>Catalysis Today</i> , 2021, 375, 79-86.	2.2	2
4	Sulfonated graphene oxide from petrochemical waste oil for efficient conversion of fructose into levulinic acid. <i>Catalysis Today</i> , 2021, 375, 197-203.	2.2	7
5	Sulfonated magnetic carbon nanoparticles from eucalyptus oil as a green and sustainable catalyst for converting fructose to 5-HMF. <i>Catalysis Communications</i> , 2021, 149, 106229.	1.6	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. <i>Diamond and Related Materials</i> , 2021, 111, 108222.	1.8	3
7	Recent Developments in Nanocellulose-Reinforced Rubber Matrix Composites: A Review. <i>Polymers</i> , 2021, 13, 550.	2.0	41
8	Hybrid effect of carbon nanotubes and polypropylene fibers on mechanical properties and fire resistance of cement mortar. <i>Construction and Building Materials</i> , 2021, 275, 122189.	3.2	53
9	Catalytic performance of Ni/CeO ₂ catalysts prepared from different routes for CO ₂ methanation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 121, 184-196.	2.7	24
10	Fundamentals to Apply Magnetic Nanoparticles for Hyperthermia Therapy. <i>Nanomaterials</i> , 2021, 11, 1203.	1.9	90
11	Bio-based production of carbon nanotubes via co-pyrolysis of eucalyptus oil and ferrocene. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 158, 105257.	2.6	13
12	Simultaneous production of hydrogen and carbon nanotubes from biogas: On the effect of Ce addition to CoMo/MgO catalyst. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 38175-38190.	3.8	10
13	Syngas production with low tar content from cellulose pyrolysis in molten salt combined with Ni/Al ₂ O ₃ catalyst. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 158, 105243.	2.6	20
14	Enhancement of carbon monoxide removal in an underground car park using ventilation system with single and twin jet fans. <i>Tunnelling and Underground Space Technology</i> , 2020, 97, 103226.	3.0	11
15	Assessment of agricultural waste-derived activated carbon in multiple applications. <i>Environmental Research</i> , 2020, 191, 110176.	3.7	34
16	Dependence of MWCNT production via co-pyrolysis of industrial slop oil and ferrocene on growth temperature and heating rate. <i>Journal of Analytical and Applied Pyrolysis</i> , 2020, 150, 104878.	2.6	3
17	Improvement of magnetic property of Fe nanoparticles dispersed in single-walled carbon nanohorns by a vacuum heat treatment. <i>Materials Chemistry and Physics</i> , 2019, 237, 121880.	2.0	1
18	Facile fabrication of WO ₃ /MWCNT hybrid materials for gas sensing application. <i>Applied Surface Science</i> , 2019, 487, 272-277.	3.1	10

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19	Performance verification of the photocatalytic solar water purification system for sterilization using actual drinking water in Thailand. <i>Journal of Water Process Engineering</i> , 2019, 31, 100835.	2.6	13
20	A novel catalyst of Ni hybridized with single-walled carbon nanohorns for converting methyl levulinate to l ³ -valerolactone. <i>Applied Surface Science</i> , 2019, 474, 161-168.	3.1	12
21	Recent Membrane Developments for CO ₂ Separation and Capture. <i>Chemical Engineering and Technology</i> , 2018, 41, 211-223.	0.9	127
22	Spontaneous and controlled-diameter synthesis of single-walled and few-walled carbon nanotubes. <i>Chemical Physics Letters</i> , 2018, 699, 88-92.	1.2	7
23	Controlled synthesis of magnetic carbon nanoparticles via glycerol/ferrocene co-pyrolysis with magnetic induction. <i>Particuology</i> , 2018, 37, 9-16.	2.0	2
24	Hydrothermal and enzymatic treatments of pineapple waste for energy production. <i>Energy Procedia</i> , 2018, 152, 1260-1265.	1.8	13
25	Sensitivity Enhancement of Benzene Sensor Using Ethyl Cellulose-Coated Surface-Functionalized Carbon Nanotubes. <i>Journal of Sensors</i> , 2018, 2018, 1-9.	0.6	3
26	Effect of Single-walled Carbon Nanotube Catalysts on Hydrothermal Pretreatment of Cellulose. <i>Journal of the Japan Petroleum Institute</i> , 2018, 61, 199-204.	0.4	2
27	A Comparative Performance of New Materials for Carbon Dioxide Removal in Absorption Process. <i>Materials Science Forum</i> , 2017, 890, 176-179.	0.3	0
28	Dehydration of D-xylose to furfural using acid-functionalized MWCNTs catalysts. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2017, 8, 035006.	0.7	11
29	Present Advancement in Production of Carbon Nanotubes and Their Derivatives from Industrial Waste with Promising Applications. <i>KONA Powder and Particle Journal</i> , 2017, 34, 24-43.	0.9	16
30	Conversion of D-Xylose to Furfural via Catalytic Dehydration Using Carbon Nanohorns Hybridized with NiCu Nanoparticles. <i>Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy</i> , 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. <i>Energy Procedia</i> , 2017, 142, 3625-3630.	1.8	4
32	Catalytic Ozonation of Oxy-tetracycline Using Magnetic Carbon Nanoparticles. <i>Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy</i> , 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. <i>Journal of Chemistry</i> , 2016, 2016, 1-6.	0.9	6
34	Comments on "Vapor-Liquid Equilibrium for Ternary and Binary Systems of Tetrahydrofuran, Cyclohexane, and 1,2-Propanediol at 101.3 kPa". <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 1961-1963.	1.0	1
35	Carbon Dioxide Removal by Using Absorption Process with 5M Aqueous Solution of 2-(Methylamino)Ethanol. <i>Advanced Materials Research</i> , 2015, 1125, 312-316.	0.3	0
36	Enhancement of the effective thermal conductivity in packed beds by direct synthesis of carbon nanotubes. <i>Journal of Thermal Science and Technology</i> , 2015, 10, JTST0013-JTST0013.	0.6	2

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37	Synthesis of Carbon Nanoparticles via Co-Pyrolysis of Waste Slop Oil and Ferrocene. <i>Advanced Materials Research</i> , 2015, 1103, 97-103.	0.3	2
38	Study on Effect of Acid and Heat Treatments of Multi-Walled Carbon Nanotubes on Benzene Detection. <i>Advanced Materials Research</i> , 2015, 1103, 105-111.	0.3	1
39	Mesoporous RF-Xerogels by Facile Hydrothermal Synthesis. <i>Engineering Journal</i> , 2015, 19, 95-104.	0.5	2
40	Production of bio-hydrogenated diesel by catalytic hydrotreating of palm oil over NiMoS ₂ / γ -Al ₂ O ₃ catalyst. <i>Bioresource Technology</i> , 2014, 158, 81-90.	4.8	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. <i>Green Chemistry</i> , 2014, 16, 4936-4943.	4.6	21
42	Controlled Syntheses of Various Palladium Alloy Nanoparticles Dispersed in Single-Walled Carbon Nanohorns by One-Step Formation Using an Arc Discharge Method. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 4732-4738.	1.8	15
43	Fabrication of carbon nanotube film directly grown on conductive stainless steel film and application to dielectrophoretic nanoparticle capture. <i>Journal of Applied Physics</i> , 2014, 115, 154302.	1.1	5
44	Preparation of Magnetite Hollow Structure for Drug Delivery Application. <i>Journal of Nanoscience and Nanotechnology</i> , 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. <i>Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy</i> , 2014, 93, 1227-1231.	0.2	1
47	Hydrogel based oil encapsulation for controlled release of curcumin by using a ternary system of chitosan, kappa-carrageenan, and carboxymethylcellulose sodium salt. <i>LWT - Food Science and Technology</i> , 2013, 54, 600-605.	2.5	39
48	Effect of CH ₃ COOH and K ₂ CO ₃ on Hydrothermal Pretreatment of Water Hyacinth (<i>Eichhornia crassipes</i>). <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 5009-5015.	1.8	12
49	Effect of Pt or Pd doping on stability of TiO ₂ nanoparticle suspension in water. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 150-156.	2.9	9
50	Encapsulation of Curcumin Loaded Oil Droplets with Chitosan Based Cryogel: Influence of Freezing Condition on Nanocapsule Properties. <i>Food Science and Technology Research</i> , 2013, 19, 633-640.	0.3	11
51	Synthesis of Porous Materials and Their Microstructural Control through Ice Templating. <i>Engineering Journal</i> , 2013, 17, 1-8.	0.5	16
52	Removal of Humic Acid by Photocatalytic Process: Effect of Light Intensity. <i>Engineering Journal</i> , 2013, 17, 25-32.	0.5	9
53	Integrated methane decomposition and solid oxide fuel cell for efficient electrical power generation and carbon capture. <i>Chemical Engineering Research and Design</i> , 2012, 90, 2223-2234.	2.7	11
54	Improved hydrophilicity of zinc oxide-incorporated layer-by-layer polyelectrolyte film fabricated by dip coating method. <i>Journal of Industrial and Engineering Chemistry</i> , 2012, 18, 1441-1445.	2.9	11

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55	Microwave-induced fabrication of copper nanoparticle/carbon nanotubes hybrid material. <i>Current Applied Physics</i> , 2012, 12, 1575-1579.	1.1	11
56	The loss of OSA-modified starch emulsifier property during the high-pressure homogeniser and encapsulation of multi-flavour bergamot oil by spray drying. <i>International Journal of Food Science and Technology</i> , 2012, 47, 2325-2333.	1.3	26
57	Facile method to prepare magnetic multi-walled carbon nanotubes by in situ co-precipitation route. <i>Journal of Industrial and Engineering Chemistry</i> , 2012, 18, 1568-1571.	2.9	14
58	Control of coupled PDEs-ODEs using input-output linearization: Application to a cracking furnace. <i>Chemical Engineering Science</i> , 2012, 75, 144-151.	1.9	17
59	Generation of uniform tetrapod-shaped zinc oxide nanoparticles by gas-phase reaction with using flow restrictor. <i>Advanced Powder Technology</i> , 2012, 23, 71-79.	2.0	9
60	Suppression of fugitive dust emitted from stone quarrying process using wetted wire screen. <i>Separation and Purification Technology</i> , 2012, 92, 17-20.	3.9	6
61	Development of encapsulation technique for curcumin loaded O/W emulsion using chitosan based cryotropic gelation. <i>Materials Science and Engineering C</i> , 2012, 32, 790-798.	3.8	29
62	l-Menthol crystal micronized by rapid expansion of supercritical carbon dioxide. <i>Journal of Industrial and Engineering Chemistry</i> , 2012, 18, 904-908.	2.9	9
63	Facile synthesis of tetrapodal ZnO nanoparticles by modified French process and its photoluminescence. <i>Journal of Industrial and Engineering Chemistry</i> , 2012, 18, 469-473.	2.9	15
64	Numerical analysis on premixed combustion of H ₂ -SiCl ₄ -Air system to prepare SiO ₂ particles. <i>Journal of Industrial and Engineering Chemistry</i> , 2012, 18, 509-512.	2.9	7
65	Role of Surface Area, Primary Particle Size, and Crystal Phase on Titanium Dioxide Nanoparticle Dispersion Properties. <i>Nanoscale Research Letters</i> , 2011, 6, 27.	3.1	533
66	Application of TiO ₂ -Coated Alumina Beads to Dielectric Barrier Discharge-Photocatalyst Hybrid Process for NO and SO ₂ Removals. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 1323-1327.	0.9	3
67	Hydrothermal synthesis of titanate nanoparticle/carbon nanotube hybridized material for dye sensitized solar cell application. <i>Materials Research Bulletin</i> , 2011, 46, 1604-1609.	2.7	26
68	Adsorption and Ozonation Kinetic Model for Phenolic Wastewater Treatment. <i>Chinese Journal of Chemical Engineering</i> , 2011, 19, 76-82.	1.7	24
69	Controlled synthesis of defects-containing ZnO by the French process modified with pulsed injection and its luminescence properties. <i>Ceramics International</i> , 2011, 37, 2021-2024.	2.3	3
70	Characterization of doped TiO ₂ nanoparticle dispersions. <i>Chemical Engineering Science</i> , 2011, 66, 3482-3490.	1.9	38
71	Single-step synthesis and characterization of single-walled carbon nanohorns hybridized with Pd nanoparticles using N ₂ gas-injected arc-in-water method. <i>Carbon</i> , 2011, 49, 4920-4927.	5.4	25
72	Metal catalysts impregnated on porous media for aqueous phenol decomposition within three-phase fluidized-bed reactor. <i>Journal of Hazardous Materials</i> , 2011, 185, 606-612.	6.5	11

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73	Regeneration of activated carbons saturated with pyridine or phenol using supercritical water oxidation method enhanced with hydrogen peroxide. <i>Journal of Industrial and Engineering Chemistry</i> , 2011, 17, 570-574.	2.9	16
74	Sequential deposition of polydisperse particles with double layer interactions: An integral-equation theory. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010, 389, 19-26.	1.2	5
75	Synergetic removal of aqueous phenol by ozone and activated carbon within three-phase fluidized-bed reactor. <i>Journal of Industrial and Engineering Chemistry</i> , 2010, 16, 91-95.	2.9	15
76	Generation and size classification of single-walled carbon nanotube aerosol using atmospheric pressure pulsed laser ablation (AP-PLA). <i>Journal of Nanoparticle Research</i> , 2010, 12, 2747-2755.	0.8	10
77	Single-step synthesis of MWCNT/ZnO nanocomposite using co-chemical vapor deposition method. <i>Materials Letters</i> , 2010, 64, 80-82.	1.3	21
78	Utilization of rice-husk packed beds as fine dust collectors at heavy dust loadings. <i>Journal of Industrial and Engineering Chemistry</i> , 2010, 16, 224-229.	2.9	6
79	Hydrothermal synthesis of titanate nanostructures with high UV absorption characteristics. <i>Journal of Industrial and Engineering Chemistry</i> , 2010, 16, 63-67.	2.9	5
80	Effect of arc current on characteristics of nanocarbons prepared by cryogenic arc discharge method. <i>Journal of Industrial and Engineering Chemistry</i> , 2010, 16, 912-917.	2.9	12
81	Ice crystal formation in the carbon nanotube suspension: A modelling approach. <i>Chemical Engineering Science</i> , 2010, 65, 1438-1451.	1.9	25
82	Facile strategy for stability control of gold nanoparticles synthesized by aqueous reduction method. <i>Current Applied Physics</i> , 2010, 10, 708-714.	1.1	23
83	Effect of Milling on the Formation of Nanocrystalline Al_2O_3 from Gibbsite. <i>Journal of the American Ceramic Society</i> , 2010, 93, 3377-3383.	1.9	8
84	Enhanced stability and <i>in vitro</i> bioactivity of surfactant-loaded liposomes containing Asiatic Pennywort extract. <i>Journal of Microencapsulation</i> , 2010, 27, 436-446.	1.2	6
85	Effect of Reaction Temperature and Sonication Pretreatment in the Hydrothermal Process on the Morphology of Titanate Nano-Structure. <i>Journal of Chemical Engineering of Japan</i> , 2009, 42, S234-S237.	0.3	3
86	A model of reaction field in gas-injected arc-in-water method to synthesize single-walled carbon nanohorns: Influence of water temperature. <i>Journal of Applied Physics</i> , 2009, 106, .	1.1	22
87	Single-step synthesis of nanocomposite of copper and carbon nanoparticles using arc discharge in liquid nitrogen. <i>Materials Chemistry and Physics</i> , 2009, 116, 125-128.	2.0	21
88	Effect of preparation variables on morphology and anatase \rightarrow brookite phase transition in sonication assisted hydrothermal reaction for synthesis of titanate nanostructures. <i>Materials Chemistry and Physics</i> , 2009, 118, 254-258.	2.0	31
89	Enhancing effect of monoolein surfactant on carbon nanoparticle synthesis by arc discharge in liquid. <i>Materials Research Bulletin</i> , 2009, 44, 324-327.	2.7	11
90	Effect of hot isostatically pressed sintering on microstructure of translucent alumina compact. <i>Current Applied Physics</i> , 2009, 9, 960-966.	1.1	9

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91	Selective synthesis of carbon nanotubes and nanocapsules using naphthalene pyrolysis assisted with ferrocene. <i>Journal of Industrial and Engineering Chemistry</i> , 2009, 15, 375-380.	2.9	22
92	Naphthalene as an alternative carbon source for pyrolytic synthesis of carbon nanostructures. <i>Journal of Analytical and Applied Pyrolysis</i> , 2009, 86, 386-390.	2.6	25
93	Dependence of zinc aluminate microscopic structure on its synthesis. <i>Journal of Industrial and Engineering Chemistry</i> , 2009, 15, 163-166.	2.9	17
94	Dispersion of multi-walled carbon nanotubes in poly(p-phenylene) thin films and their electrical characteristics. <i>Particuology</i> , 2009, 7, 403-407.	2.0	11
95	Mechanistic study on spraying of blended biodiesel using phase Doppler anemometry. <i>Biomass and Bioenergy</i> , 2009, 33, 1452-1457.	2.9	12
96	Carbon nanostructures synthesized by arc discharge between carbon and iron electrodes in liquid nitrogen. <i>Current Applied Physics</i> , 2009, 9, 629-632.	1.1	33
97	Hydrothermal Pretreatment of Rubber Wood for the Saccharification Process. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 4587-4591.	1.8	42
98	Encapsulation of SiO ₂ and TiO ₂ Fine Powders with Poly(dl-lactic-co-glycolic acid) by Rapid Expansion of Supercritical CO ₂ Incorporated with Ethanol Cosolvent. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 11230-11235.	1.8	28
99	Porous characteristics of carbon-coated silica gel beads prepared by liquid phase deposition of organic colloidal nanoparticles. <i>Journal of Non-Crystalline Solids</i> , 2009, 355, 2508-2513.	1.5	2
100	Decomposition of Phenol in Water by Ozone Oxidation with Metal-Supported Carbongel. <i>Journal of Chemical Engineering of Japan</i> , 2009, 42, S17-S22.	0.3	4
101	Electrical Resistance Variation of MWCNT/PMMA Composite for Gaseous Toluene Detection. <i>Journal of Chemical Engineering of Japan</i> , 2009, 42, S238-S241.	0.3	2
102	Particle Trajectories and Temperature Histories of TiO ₂ Nanoparticles Synthesized in Diffusion Flame Reactor. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 4259-4266.	0.9	2
103	Application of TiO ₂ Photocatalysts to NO and SO ₂ Removal in the Dielectric Barrier Discharge Process. <i>Journal of the Korean Physical Society</i> , 2009, 54, 1042-1047.	0.3	4
104	Influence of salinity on bubble size distribution and gas-liquid mass transfer in airlift contactors. <i>Chemical Engineering Journal</i> , 2008, 141, 222-232.	6.6	39
105	Formation of deagglomerated PLGA particles and PLGA-coated ultra fine powders by rapid expansion of supercritical solution with ethanol cosolvent. <i>Korean Journal of Chemical Engineering</i> , 2008, 25, 838-845.	1.2	10
106	Review of Recent Research on Nanoparticle Production in Thailand. <i>Advanced Powder Technology</i> , 2008, 19, 443-457.	2.0	17
107	CFD investigation of high-temperature gas filtration using twin ceramic candles. <i>Powder Technology</i> , 2008, 180, 245-252.	2.1	5
108	Granulation and tabletization of pharmaceutical lactose granules prepared by a top-sprayed fluidized bed granulator. <i>Journal of Industrial and Engineering Chemistry</i> , 2008, 14, 661-666.	2.9	13

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109	A simple method for bakers' yeast cell disruption using a three-phase fluidized bed equipped with an agitator. <i>Bioresource Technology</i> , 2008, 99, 8935-8939.	4.8	10
110	Preparation of a carbon monolith with hierarchical porous structure by ultrasonic irradiation followed by carbonization, physical and chemical activation. <i>Carbon</i> , 2008, 46, 1309-1315.	5.4	33
111	Study on reaction field in arc-in-water to produce carbon nano-materials. <i>Thin Solid Films</i> , 2008, 516, 6694-6698.	0.8	21
112	Analysis of preparation of TiO ₂ particles by diffusion flame reactor for photodegradation of phenol and toluene. <i>Research on Chemical Intermediates</i> , 2008, 34, 319-329.	1.3	3
113	Preparation of macroporous solid foam from multi-walled carbon nanotubes by freeze-drying technique. <i>Materials Chemistry and Physics</i> , 2008, 112, 262-269.	2.0	51
114	Review of Recent Research on Nanoparticle Production in Thailand. <i>Advanced Powder Technology</i> , 2008, 19, 443-457.	2.0	8
115	Preparation of translucent alumina ceramic specimen using slip casting method. <i>Journal of the Ceramic Society of Japan</i> , 2008, 116, 409-413.	0.5	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. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 377, 102-114.	1.2	8
119	Rainbow refractometry on particles with radial refractive index gradients. <i>Experiments in Fluids</i> , 2007, 43, 595-601.	1.1	41
120	Modeling of Experimental Treatment of Acetaldehyde-Laden Air and Phenol-Containing Water Using Corona Discharge Technique. <i>Environmental Science & Technology</i> , 2006, 40, 1622-1628.	4.6	25
121	Rainbow refractometry: On the validity domain of Airy's and Nussenzveig's theories. <i>Optics Communications</i> , 2006, 259, 7-13.	1.0	47
122	Characteristics of Carbon Nanoparticles Synthesized by a Submerged Arc in Alcohols, Alkanes, and Aromatics. <i>Journal of Physical Chemistry B</i> , 2006, 110, 18299-18306.	1.2	33
123	Formation of strontium-doped lanthanum manganite (La _{0.8} Sr _{0.2} MnO ₃) by mechanical milling without media balls. <i>Advanced Powder Technology</i> , 2006, 17, 613-622.	2.0	25
124	Analysis of solid particle mixing in inclined fluidized beds using DEM simulation. <i>Chemical Engineering Journal</i> , 2006, 122, 21-29.	6.6	43
125	Effect of Supercritical Water Treatment on Porous Structure, Liquid-Phase Adsorption and Regeneration Characteristics of Activated Anthracite. <i>Journal of Chemical Engineering of Japan</i> , 2006, 39, 661-669.	0.3	1
126	A Review of Thailand's Contributions to Particle Technology Research and Development. <i>KONA Powder and Particle Journal</i> , 2006, 24, 70-82.	0.9	2

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127	Effects of cosurfactant on ZnS nanoparticle synthesis in microemulsion. <i>Science and Technology of Advanced Materials</i> , 2005, 6, 266-271.	2.8	62
128	3D interconnected macroporous carbon monoliths prepared by ultrasonic irradiation. <i>Carbon</i> , 2005, 43, 2808-2811.	5.4	28
129	Prediction of gas-particle dynamics and heat transfer in a two-dimensional spouted bed. <i>Advanced Powder Technology</i> , 2005, 16, 275-293.	2.0	46
130	High-temperature simultaneous removal of acetaldehyde and ammonia gases using corona discharge. <i>Science and Technology of Advanced Materials</i> , 2005, 6, 319-324.	2.8	20
131	Controlled synthesis of carbon nanoparticles by arc in water method with forced convective jet. <i>Journal of Applied Physics</i> , 2004, 96, 645-649.	1.1	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. <i>Chemical Engineering Journal</i> , 2004, 97, 213-223.	6.6	29
133	Removal of acetaldehyde in air using a wetted-wall corona discharge reactor. <i>Chemical Engineering Journal</i> , 2004, 103, 115-122.	6.6	25
134	Simultaneous Gas-Water Purification by a Wetted-Wall Corona Discharge Reactor: Decomposition of Aqueous Phenol and Gaseous Acetaldehyde. <i>Journal of Chemical Engineering of Japan</i> , 2004, 37, 1373-1378.	0.3	4
135	Bubble size distribution and gas-liquid mass transfer in airlift contactors. <i>Chemical Engineering Journal</i> , 2003, 92, 81-90.	6.6	74
136	Estimation of collection efficiency enhancement factor for an electret fiber with dust load. <i>Journal of Aerosol Science</i> , 2003, 34, 1505-1522.	1.8	16
137	Influence of Electric Field Strength in a High-Temperature Corona Discharge Reactor on Removal of Toluene from Nitrogen and Air. <i>Journal of Chemical Engineering of Japan</i> , 2003, 36, 946-952.	0.3	4
138	Removal of Trimethylamine in Gas by Corona-Discharge Reactor.. <i>Journal of Chemical Engineering of Japan</i> , 2001, 34, 1006-1011.	0.3	0
139	Investigation of suitable quantitative indices for the evaluation of additive dispersion in a material matrix using Monte-Carlo simulation. <i>Advanced Powder Technology</i> , 2000, 11, 69-85.	2.0	1
140	INFLUENCE OF TEMPERATURE ON REMOVAL OF SULFUR DIOXIDE AND BENZENE FROM AIR BY CORONA DISCHARGE REACTOR. , 2000, , .		0
141	Title is missing!. <i>ScienceAsia</i> , 1999, 25, 57.	0.2	4
142	Effect of Structure of Corona-Discharge Reactor on Removal of Dilute Gaseous Pollutants Using Selective Electron Attachment.. <i>Journal of Chemical Engineering of Japan</i> , 1998, 31, 7-13.	0.3	6
143	Bubble Characteristics of Circulating Three-Phase Fluidized Bed.. <i>Kagaku Kogaku Ronbunshu</i> , 1995, 21, 132-136.	0.1	0
144	Gas-Liquid Mass Transfer in a Three-Phase Reactor.. <i>Journal of Chemical Engineering of Japan</i> , 1993, 26, 440-442.	0.3	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.	1.9	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
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