

Tong Liu

List of Publications by Year in descending order

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130
papers

3,455
citations

117625

34
h-index

197818

49
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133
all docs

133
docs citations

133
times ranked

3152
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust <i>in situ</i> exsolved nanocatalysts on perovskite oxide as an efficient anode for hydrocarbon fueled solid oxide fuel cells. <i>Sustainable Energy and Fuels</i> , 2022, 6, 1373-1381.	4.9	7
2	Excessive alcohol consumption and the risk of knee osteoarthritis: a prospective study from the Osteoarthritis Initiative. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 697-701.	1.3	7
3	Engineering the wetting behavior of ceramic membrane by carbon nanotubes via a chemical vapor deposition technique. <i>Journal of Membrane Science</i> , 2022, 648, 120357.	8.2	11
4	The Highly Contiguous Genome Resource of <i>Trichoderma semiorbis</i> FJ059, a Biological Control Agent for Litchi Downy Blight. <i>Phytopathology</i> , 2022, 112, 1391-1395.	2.2	1
5	A highly active and stable Sr ₂ Fe _{1.5} Mo _{0.5} O _{6-δ} -Ce _{0.8} Sm _{0.2} O _{1.95} ceramic fuel electrode for efficient hydrogen production via a steam electrolyzer without safe gas. <i>International Journal of Coal Science and Technology</i> , 2022, 9, 1.	6.0	6
6	High-Quality Genome Sequence Data of <i>Trichoderma gracile</i> HK011-1, a Fungal Antagonistic Agent Against Plant Pathogens. <i>Plant Disease</i> , 2022, 106, 1035-1038.	1.4	2
7	Source risk, ecological risk, and bioeffect assessment for polycyclic aromatic hydrocarbons (PAHs) in Laizhou Bay and Jiaozhou Bay of Shandong Peninsula, China. <i>Environmental Science and Pollution Research</i> , 2022, 29, 56705-56726.	5.3	9
8	A novel salt-tolerant strain <i>Trichoderma atroviride</i> HN082102.1 isolated from marine habitat alleviates salt stress and diminishes cucumber root rot caused by <i>Fusarium oxysporum</i> . <i>BMC Microbiology</i> , 2022, 22, 67.	3.3	12
9	Advanced Ru ϵ -Infiltrated Perovskite Oxide Electrodes for Boosting the Performance of Syngas Fueled Solid Oxide Fuel Cell. <i>ChemElectroChem</i> , 2022, 9, .	3.4	6
10	Co-generation of liquid chemicals and electricity over Co-Fe alloy/perovskite anode catalyst in a propane fueled solid oxide fuel cell. <i>Separation and Purification Technology</i> , 2022, 291, 120890.	7.9	15
11	Rapid and mass production of biopesticide <i>Trichoderma</i> Brev T069 from cassava peels using newly established solid-state fermentation bioreactor system. <i>Journal of Environmental Management</i> , 2022, 313, 114981.	7.8	16
12	Robust Ruddlesden-Popper phase Sr ₃ Fe _{1.3} Mo _{0.5} N _{0.2} O _{7δ} decorated with <i>in situ</i> exsolved Ni nanoparticles as an efficient anode for hydrocarbon fueled solid oxide fuel cells. <i>SusMat</i> , 2022, 2, 487-501.	14.9	18
13	Environmental toxicology wars: Organ-on-a-chip for assessing the toxicity of environmental pollutants. <i>Environmental Pollution</i> , 2021, 268, 115861.	7.5	28
14	Understanding the A-site non-stoichiometry in perovskites: promotion of exsolution of metallic nanoparticles and the hydrogen oxidation reaction in solid oxide fuel cells. <i>Sustainable Energy and Fuels</i> , 2021, 5, 401-411.	4.9	26
15	Real-time and visual detection of <i>Cercospora canescens</i> based on the <i>cytb</i> gene using loop-mediated isothermal amplification (LAMP). <i>Canadian Journal of Plant Pathology</i> , 2021, 43, 551-558.	1.4	1
16	A straight, open and macro-porous fuel electrode-supported protonic ceramic electrochemical cell. <i>Journal of Materials Chemistry A</i> , 2021, 9, 10789-10795.	10.3	23
17	Enhancing performance of molybdenum doped strontium ferrite electrode by surface modification through Ni infiltration. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 10876-10891.	7.1	23
18	Chaotic Time-Delay Signature Suppression and Entropy Growth Enhancement Using Frequency-Band Extractor. <i>Entropy</i> , 2021, 23, 516.	2.2	6

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19	Structural Characteristics and Properties of Polylactic Acid (PLA) and Cellulose Triacetate (CTA) Fibers for Heat-Not-Burn (HNB) Cigarettes. IOP Conference Series: Earth and Environmental Science, 2021, 719, 042044.	0.3	1
20	Fabrication and Properties of Electrospun and Electrospayed Polyethylene Glycol/Polylactic Acid (PEG/PLA) Films. Coatings, 2021, 11, 790.	2.6	12
21	Dietary patterns and risk of developing knee osteoarthritis: data from the osteoarthritis initiative. Osteoarthritis and Cartilage, 2021, 29, 834-840.	1.3	6
22	Identification of microRNA-like RNAs from <i>Trichoderma asperellum</i> DQ-1 during its interaction with tomato roots using bioinformatic analysis and high-throughput sequencing. PLoS ONE, 2021, 16, e0254808.	2.5	3
23	Performance and mechanism of a novel woodchip embedded biofilm electrochemical reactor (WBER) for nitrate-contaminated wastewater treatment. Chemosphere, 2021, 276, 130250.	8.2	10
24	The Combination of a Biocontrol Agent <i>Trichoderma asperellum</i> SC012 and Hymexazol Reduces the Effective Fungicide Dose to Control Fusarium Wilt in Cowpea. Journal of Fungi (Basel, Switzerland), 2021, 7, 685.	3.5	25
25	Supramolecular Chirality from Hierarchical Self-Assembly of Atomically Precise Silver Nanoclusters Induced by Secondary Metal Coordination. ACS Nano, 2021, 15, 15910-15919.	14.6	42
26	Emerging Roles of N6-Methyladenosine Demethylases and Its Interaction with Environmental Toxicants in Digestive System Cancers. Cancer Management and Research, 2021, Volume 13, 7101-7114.	1.9	3
27	Nanomaterials-induced toxicity on cardiac myocytes and tissues, and emerging toxicity assessment techniques. Science of the Total Environment, 2021, 800, 149584.	8.0	18
28	Experimental Research on Water Migration-Damage Characteristics of Lignite under Microwave Heating. Energy & Fuels, 2021, 35, 1058-1069.	5.1	14
29	N6-methyladenosine RNA modification and its interaction with regulatory non-coding RNAs in colorectal cancer. RNA Biology, 2021, 18, 551-561.	3.1	7
30	In vitro evaluation of nanoplastics using human lung epithelial cells, microarray analysis and co-culture model. Ecotoxicology and Environmental Safety, 2021, 226, 112837.	6.0	70
31	Simultaneous water and electricity harvesting from low-grade heat by coupling a membrane distiller and an electrokinetic power generator. Journal of Materials Chemistry A, 2021, 9, 27709-27717.	10.3	9
32	A novel <i>Trichoderma asperellum</i> strain DQ-1 promotes tomato growth and induces resistance to gray mold caused by <i>Botrytis cinerea</i> . FEMS Microbiology Letters, 2021, 368, .	1.8	11
33	Dysregulated N6-methyladenosine methylation writer METTL3 contributes to the proliferation and migration of gastric cancer. Journal of Cellular Physiology, 2020, 235, 548-562.	4.1	96
34	Comprehensive analysis of prognostic immune-related genes in the tumor microenvironment of cutaneous melanoma. Journal of Cellular Physiology, 2020, 235, 1025-1035.	4.1	95
35	Study of Effects of Hard Thick Roof on Gas Migration and Field Experiment of Roof Artificially Guided Pre-splitting for Efficient Gas Control. Natural Resources Research, 2020, 29, 1819-1841.	4.7	10
36	Molecular characterization of lung cancer: A two-miRNA prognostic signature based on cancer stem-like cells related genes. Journal of Cellular Biochemistry, 2020, 121, 2889-2900.	2.6	9

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37	Global sensitivity analysis of solid oxide fuel cells with Bayesian sparse polynomial chaos expansions. Applied Energy, 2020, 260, 114318.	10.1	15
38	Robust redox-reversible perovskite type steam electrolyser electrode decorated with <i>in situ</i> exsolved metallic nanoparticles. Journal of Materials Chemistry A, 2020, 8, 582-591.	10.3	47
39	<p>The 6-Methyladenosine (m6A) Methylation Gene YTHDF1 Reveals a Potential Diagnostic Role for Gastric Cancer<p>. Cancer Management and Research, 2020, Volume 12, 11953-11964.	1.9	20
40	A safe mining approach for deep outburst coal seam groups with hard thick sandstone roof: Stepwise risk control based on gas diversion and extraction. Energy Science and Engineering, 2020, 8, 2946-2965.	4.0	10
41	Pr and Mo Co-doped SrFeO ₃ as an Efficient Cathode for Pure CO ₂ Reduction Reaction in a Solid Oxide Electrolysis Cell. Energy Technology, 2020, 8, 2000539.	3.8	7
42	The two-fold diffusion process for proton uptake reaction in BCFZY e-/H+/O ₂ - triple conductor measured by electrical conductivity relaxation. Ionics, 2020, 26, 5293-5297.	2.4	14
43	Bioaccumulation and oxidative damage of polycyclic aromatic hydrocarbon mixtures in Manila clam Ruditapes philippinarum. Ecotoxicology and Environmental Safety, 2020, 197, 110558.	6.0	20
44	Preparation and characterization of a redox-stable Pr _{0.4} Sr _{0.6} Fe _{0.875} Mo _{0.125} O _{3-δ} material as a novel symmetrical electrode for solid oxide cell application. International Journal of Hydrogen Energy, 2020, 45, 21825-21835.	7.1	22
45	Development of tungsten stabilized SrFe _{0.8} W _{0.2} O _{3-δ} material as novel symmetrical electrode for solid oxide fuel cells. Journal of Power Sources, 2020, 455, 227951.	7.8	66
46	The benefits of smoking cessation on survival in cancer patients by integrative analysis of multi-omics data. Molecular Oncology, 2020, 14, 2069-2080.	4.6	9
47	In-situ exsolution of nanoparticles from Ni substituted Sr ₂ Fe _{1.5} Mo _{0.5} O ₆ perovskite oxides with different Ni doping contents. Electrochimica Acta, 2020, 348, 136351.	5.2	73
48	Titanium dioxide nanoparticles induced the apoptosis of RAW264.7 macrophages through miR-29b-3p/NFAT5 pathway. Environmental Science and Pollution Research, 2020, 27, 26153-26162.	5.3	7
49	Growing and Pruning Selective Ensemble Regression for Nonlinear and Nonstationary Systems. IEEE Access, 2020, 8, 73278-73292.	4.2	7
50	Performance and distribution of relaxation times analysis of Ruddlesden-Popper oxide Sr ₃ Fe _{1.3} Co _{0.2} Mo _{0.5} O _{7-δ} as a potential cathode for protonic solid oxide fuel cells. Electrochimica Acta, 2020, 352, 136444.	5.2	23
51	Molecular characterization of lung adenocarcinoma: A potential four-long noncoding RNA prognostic signature. Journal of Cellular Biochemistry, 2019, 120, 705-714.	2.6	33
52	Immune cell infiltration as a biomarker for the diagnosis and prognosis of digestive system cancer. Cancer Science, 2019, 110, 3639-3649.	3.9	67
53	Automated Vulnerability Discovery and Exploitation in the Internet of Things. Sensors, 2019, 19, 3362.	3.8	7
54	Multiscale porous Fe-N-C networks as highly efficient catalysts for the oxygen reduction reaction. Nanoscale, 2019, 11, 19506-19511.	5.6	38

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55	Thermal Stability of an in Situ Exsolved Metallic Nanoparticle Structured Perovskite Type Hydrogen Electrode for Solid Oxide Cells. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 17834-17844.	6.7	50
56	A robust solid oxide electrolyzer for highly efficient electrochemical reforming of methane and steam. <i>Journal of Materials Chemistry A</i> , 2019, 7, 13550-13558.	10.3	58
57	Expression of miR-486-5p and its significance in lung squamous cell carcinoma. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 13912-13923.	2.6	15
58	Precise Photon Correlation Measurement of a Chaotic Laser. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4907.	2.5	2
59	AutoDE: Automated Vulnerability Discovery and Exploitation. , 2019, , .		0
60	Expert Control System based Hierarchical Control Strategy for Tunnel Microwave Rice Drying. , 2019, , .		2
61	Improvement of output performance of solid oxide fuel cell by optimizing the active anode functional layer. <i>Electrochimica Acta</i> , 2019, 298, 112-120.	5.2	51
62	Prognostic value of a two-microRNA signature for papillary thyroid cancer and a bioinformatic analysis of their possible functions. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 7185-7198.	2.6	15
63	Thermodynamic analysis and optimization of photovoltaic/thermal hybrid hydrogen generation system based on complementary combination of photovoltaic cells and proton exchange membrane electrolyzer. <i>Energy Conversion and Management</i> , 2019, 183, 97-108.	9.2	71
64	Integrated analysis of two-lncRNA signature as a potential prognostic biomarker in cervical cancer: a study based on public database. <i>PeerJ</i> , 2019, 7, e6761.	2.0	21
65	Trends on PM2.5 research, 1997-2016: a bibliometric study. <i>Environmental Science and Pollution Research</i> , 2018, 25, 12284-12298.	5.3	27
66	Tailoring the pore structure of cathode supports for improving the electrochemical performance of solid oxide fuel cells. <i>Journal of Electroceramics</i> , 2018, 40, 138-143.	2.0	21
67	Anaerobic Bioremediation Performance and Indigenous Microbial Communities in Treatment of Trichloroethylene/Nitrate-Contaminated Groundwater. <i>Environmental Engineering Science</i> , 2018, 35, 311-322.	1.6	7
68	Assessing the moisture migration during microwave drying of coal using low-field nuclear magnetic resonance. <i>Drying Technology</i> , 2018, 36, 567-577.	3.1	31
69	The beneficial effects of straight open large pores in the support on steam electrolysis performance of electrode-supported solid oxide electrolysis cell. <i>Journal of Power Sources</i> , 2018, 374, 175-180.	7.8	29
70	A Real- Time Vessel- Buoy Collision Risk Estimation Model for Inland Waterway Navigation. , 2018, , .		0
71	In-situ growth of metallic nanoparticles on perovskite parent as a hydrogen electrode for solid oxide cells. <i>Journal of Power Sources</i> , 2018, 405, 114-123.	7.8	45
72	Molecular characterization of papillary thyroid carcinoma: a potential three-lncRNA prognostic signature. <i>Cancer Management and Research</i> , 2018, Volume 10, 4297-4310.	1.9	16

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73	Solid oxide fuel cells supported on cathodes with large straight open pores and catalyst-decorated surfaces. <i>Solid State Ionics</i> , 2018, 323, 130-135.	2.7	16
74	Systematic analyses of a novel lncRNA-associated signature as the prognostic biomarker for Hepatocellular Carcinoma. <i>Cancer Medicine</i> , 2018, 7, 3240-3256.	2.8	35
75	Comprehensive analysis of a novel lncRNA profile reveals potential prognostic biomarkers in clear cell renal cell carcinoma. <i>Oncology Reports</i> , 2018, 40, 1503-1514.	2.6	13
76	Robust Freeze-Cast Bilayer Dual-Phase Oxygen Transport Membrane Targeting Chemical Reactor Application. <i>ACS Applied Nano Materials</i> , 2018, 1, 3774-3778.	5.0	13
77	The co-electrolysis of CO ₂ and H ₂ O to methane via a novel micro-tubular electrochemical reactor. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2904-2910.	10.3	43
78	Methane assisted solid oxide co-electrolysis process for syngas production. <i>Journal of Power Sources</i> , 2017, 344, 119-127.	7.8	25
79	Enhanced water desalination performance through hierarchically-structured ceramic membranes. <i>Journal of the European Ceramic Society</i> , 2017, 37, 2431-2438.	5.7	30
80	Coal Permeability Evolution and Gas Migration Under Non-equilibrium State. <i>Transport in Porous Media</i> , 2017, 118, 393-416.	2.6	63
81	Dynamic diffusion-based multifield coupling model for gas drainage. <i>Journal of Natural Gas Science and Engineering</i> , 2017, 44, 233-249.	4.4	86
82	An integrated technology for gas control and green mining in deep mines based on ultra-thin seam mining. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	32
83	Ni infiltrated Sr ₂ Fe _{1.5} Mo _{0.5} O _{6-δ} -Ce _{0.8} Sm _{0.2} O _{1.9} electrode for methane assisted steam electrolysis process. <i>Electrochemistry Communications</i> , 2017, 79, 63-67.	4.7	30
84	High temperature solid oxide H ₂ O/CO ₂ co-electrolysis for syngas production. <i>Fuel Processing Technology</i> , 2017, 161, 248-258.	7.2	95
85	High Performance Solid Oxide Electrolysis Cells with Hierarchically Porous Ni-YSZ Electrode. <i>ECS Transactions</i> , 2017, 78, 3217-3228.	0.5	0
86	Solvent effects on the morphology and performance of the anode substrates for solid oxide fuel cells. <i>Journal of Power Sources</i> , 2017, 363, 304-310.	7.8	25
87	High photocatalytic property and crystal growth of spindle-like ZnO microparticles synthesized by one-step hydrothermal method. <i>Vacuum</i> , 2017, 144, 229-236.	3.5	22
88	A Highly-Performed, Dual-Layered Cathode Supported Solid Oxide Electrolysis Cell for Efficient CO ₂ Electrolysis Fabricated by Phase Inversion Co-Tape Casting Method. <i>Journal of the Electrochemical Society</i> , 2017, 164, F1130-F1135.	2.9	20
89	Catalytic effect of (Ti _{0.85} Zr _{0.15}) _{1.05} Mn _{1.2} Cr _{0.6} V _{0.1} Co _{0.7} hydrogen storage properties of ultrafine magnesium particles. <i>RSC Advances</i> , 2017, 7, 34538-34547.	2.6	16
90	Fabrication and catalytic growth mechanism of mullite ceramic whiskers using molybdenum oxide as catalyst. <i>Ceramics International</i> , 2017, 43, 2871-2875.	4.8	51

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91	A stability condition of zero dynamics of a discrete time systems with backward triangle sample and hold. , 2017, , .		2
92	Efficient syngas generation for electricity storage through carbon gasification assisted solid oxide co-electrolysis. Applied Energy, 2016, 173, 52-58.	10.1	36
93	Identification of interacting proteins with aryl hydrocarbon receptor in scallop <i>Chlamys farreri</i> by yeast two hybrid screening. Ecotoxicology and Environmental Safety, 2016, 133, 381-389.	6.0	7
94	A dual-phase bilayer oxygen permeable membrane with hierarchically porous structure fabricated by freeze-drying tape-casting method. Journal of Membrane Science, 2016, 520, 354-363.	8.2	27
95	Experimental study on the petrophysical variation of different rank coals with microwave treatment. International Journal of Coal Geology, 2016, 154-155, 82-91.	5.0	104
96	Syngas production on a symmetrical solid oxide H ₂ O/CO ₂ co-electrolysis cell with Sr ₂ Fe _{1.5} Mo _{0.5} O ₆ ∕Sm _{0.2} Ce _{0.8} O _{1.9} electrodes. Journal of Power Sources, 2016, 305, 240-248.	7.8	90
97	Fabrication of micro-tubular solid oxide fuel cells using sulfur-free polymer binder via a phase inversion method. Journal of Power Sources, 2015, 290, 1-7.	7.8	40
98	Steam electrolysis in a solid oxide electrolysis cell fabricated by the phase-inversion tape casting method. Electrochemistry Communications, 2015, 61, 106-109.	4.7	62
99	Upregulated LMO1 in prostate cancer acts as a novel coactivator of the androgen receptor. International Journal of Oncology, 2015, 47, 2181-2187.	3.3	11
100	Differential gene expression analysis of benzo(a)pyrene toxicity in the clam, <i>Ruditapes philippinarum</i> . Ecotoxicology and Environmental Safety, 2015, 115, 126-136.	6.0	15
101	Effect of PEG additive on anode microstructure and cell performance of anode-supported MT-SOFCs fabricated by phase inversion method. Journal of Power Sources, 2015, 279, 774-780.	7.8	20
102	Novel light-weight, high-performance anode-supported microtubular solid oxide fuel cells with an active anode functional layer. Journal of Power Sources, 2015, 293, 852-858.	7.8	29
103	Deep sequencing of the scallop <i>Chlamys farreri</i> transcriptome response to tetrabromobisphenol A (TBBPA) stress. Marine Genomics, 2015, 19, 31-38.	1.1	28
104	RNA-seq based on transcriptome reveals differ genetic expressing in <i>Chlamys farreri</i> exposed to carcinogen PAHs. Environmental Toxicology and Pharmacology, 2015, 39, 313-320.	4.0	20
105	A novel clean and effective syngas production system based on partial oxidation of methane assisted solid oxide co-electrolysis process. Journal of Power Sources, 2015, 277, 261-267.	7.8	50
106	Molecular cloning and sequence analysis of heat shock proteins 70 (HSP70) and 90 (HSP90) and their expression analysis when exposed to benzo(a)pyrene in the clam <i>Ruditapes philippinarum</i> . Gene, 2015, 555, 108-118.	2.2	49
107	PAK1-mediated MORC2 phosphorylation promotes gastric tumorigenesis. Oncotarget, 2015, 6, 9877-9886.	1.8	39
108	Ce _{0.8} Sm _{0.2} O _{1.9} ∕La _{0.8} Sr _{0.2} Cr _{0.5} Fe _{0.5} O ₃ Dual-Phase Hollow Fiber Membranes Operated under Different Gradients. Industrial & Engineering Chemistry Research, 2014, 53, 6131-6136.	3.7	22

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109	Effect of casting slurry composition on anode support microstructure and cell performance of MT-SOFCs by phase inversion method. <i>Electrochimica Acta</i> , 2014, 149, 159-166.	5.2	23
110	Microstructure Tailoring of the Nickel Oxide- γ -Yttria-Stabilized Zirconia Hollow Fibers toward High-Performance Microtubular Solid Oxide Fuel Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 18853-18860.	8.0	46
111	Deep sequencing-based transcriptome profiling analysis of <i>Chlamys farreri</i> exposed to benzo[a]pyrene. <i>Gene</i> , 2014, 551, 261-270.	2.2	28
112	A Novel Cobalt-Free, CO ₂ -Stable, and Reduction-Tolerant Dual-Phase Oxygen-Permeable Membrane. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 11038-11043.	8.0	53
113	Enhancing the Oxygen Permeation Rate of Zr _{0.84} Y _{0.16} O _{1.92} - δ La _{0.8} Sr _{0.2} Cr _{0.5} Fe _{0.5} Ce _{0.8} Sm _{0.2} O _{1.9} Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 9454-9460.	8.0	29
114	Improving the chemical stability of BaCe _{0.8} Sm _{0.2} O ₃ - δ electrolyte by Cl doping for proton-conducting solid oxide fuel cell. <i>Electrochemistry Communications</i> , 2013, 28, 87-90.	4.7	50
115	Modeling of hydrogen permeation for Ni- δ -BZCY asymmetric membrane. <i>Journal of Membrane Science</i> , 2013, 437, 196-204.	8.2	5
116	p21-activated Kinase 6 (PAK6) Inhibits Prostate Cancer Growth via Phosphorylation of Androgen Receptor and Tumorigenic E3 Ligase Murine Double Minute-2 (Mdm2). <i>Journal of Biological Chemistry</i> , 2013, 288, 3359-3369.	3.4	50
117	Sr ₂ Fe _{1.5} Mo _{0.5} O ₆ -Sm _{0.2} Ce _{0.8} O _{1.9} Composite Anodes for Intermediate-Temperature Solid Oxide Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2012, 159, B619-B626.	2.9	73
118	Modeling of hydrogen permeation for Ni- δ -ceramic proton conductor composite membrane with symmetric structure. <i>Journal of Membrane Science</i> , 2012, 415-416, 328-335.	8.2	16
119	Zr _{0.84} Y _{0.16} O _{1.92} - δ La _{0.8} Sr _{0.2} Cr _{0.5} Fe _{0.5} O ₃ - δ composite membrane for CO ₂ decomposition. <i>Materials Letters</i> , 2012, 86, 5-8.	2.6	12
120	A cobalt-free composite cathode prepared by a superior method for intermediate temperature solid oxide fuel cells. <i>Journal of Power Sources</i> , 2012, 217, 431-436.	7.8	23
121	Preparation and oxygen permeability of Ce _{0.8} Sm _{0.2} O ₂ - δ -La _{0.7} Ca _{0.3} CrO ₃ - δ dual-phase composite hollow fiber membrane. <i>Solid State Ionics</i> , 2012, 225, 690-694.	2.7	16
122	High frequency properties of Fe _{73.5} Cu ₁ Nb ₃ Si _{13.5} B ₉ /Zn _{0.5} Ni _{0.5} Fe ₂ O ₄ soft magnetic composite with micro-cellular structure. <i>Science China: Physics, Mechanics and Astronomy</i> , 2012, 55, 2392-2396.	5.1	5
123	Optimization of Indirectly-Heated Type Microwave Power Sensors Based on GaAs Micromachining. <i>IEEE Sensors Journal</i> , 2012, 12, 1349-1355.	4.7	34
124	Determination of Phase Volume Fractions of Ceramic Composite by Synchrotron Radiation Computed Tomography. <i>Journal of the American Ceramic Society</i> , 2012, 95, 2667-2671.	3.8	12
125	Zr _{0.84} Y _{0.16} O _{1.92} - δ La _{0.8} Sr _{0.2} Cr _{0.5} Fe _{0.5} O ₃ - δ dual-phase composite hollow fiber membrane targeting chemical reactor applications. <i>Journal of Membrane Science</i> , 2012, 389, 435-440.	8.2	62
126	A Thermoelectric Power Sensor and Its Package Based on MEMS Technology. <i>Journal of Microelectromechanical Systems</i> , 2012, 21, 121-131.	2.5	35

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127	Oxygen permeability and CO ₂ -tolerance of Sr(Co _{0.8} Fe _{0.2}) _{0.8} Ti _{0.2} O ₃ hollow fiber membrane. Separation and Purification Technology, 2011, 77, 76-79.	7.9	12
128	Conversion of Dagang Vacuum Residue into Oxygen-Containing Organic Compounds by Photo-Oxidation with H ₂ O ₂ over TiO ₂ . International Journal of Photoenergy, 2011, 2011, 1-9.	2.5	2
129	Nanoporous Polymer Films from Immiscible Polymer Blends: Pore Size and Composition Dependence. Materials Research Society Symposia Proceedings, 2004, 856, BB10.13.1.	0.1	0
130	Fabrication of high toughness alumina with elongated grains. Journal of Materials Science Letters, 2001, 20, 1425-1427.	0.5	4