

Liang Yang

List of Publications by Year in descending order

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57
papers

1,399
citations

361413
20
h-index

345221
36
g-index

59
all docs

59
docs citations

59
times ranked

1775
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequency, Immunogenetics, and Clinical Characteristics of Latent Autoimmune Diabetes in China (LADA China Study). <i>Diabetes</i> , 2013, 62, 543-550.	0.6	204
2	Targeting Epstein-Barr virus oncoprotein LMP1-mediated glycolysis sensitizes nasopharyngeal carcinoma to radiation therapy. <i>Oncogene</i> , 2014, 33, 4568-4578.	5.9	156
3	Biodegradation of Cypermethrin by a newly isolated actinomycetes HU-S-01 from wastewater sludge. <i>International Journal of Environmental Science and Technology</i> , 2011, 8, 45-56.	3.5	91
4	Rapid and high capacity methane storage in clathrate hydrates using surfactant dry solution. <i>Chemical Engineering Science</i> , 2014, 106, 53-59.	3.8	76
5	Accelerated Formation of Methane Hydrate in Aluminum Foam. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 11563-11569.	3.7	65
6	Kinetics and thermal analysis of methane hydrate formation in aluminum foam. <i>Chemical Engineering Science</i> , 2012, 82, 185-193.	3.8	62
7	Reversible methane storage in porous hydrogel supported clathrates. <i>Chemical Engineering Science</i> , 2013, 96, 124-130.	3.8	54
8	An investigation on repeated methane hydrates formation in porous hydrogel particles. <i>Fuel</i> , 2017, 194, 395-405.	6.4	42
9	Inactivation of MuxABC-OpmB transporter system in <i>Pseudomonas aeruginosa</i> leads to increased ampicillin and carbenicillin resistance and decreased virulence. <i>Journal of Microbiology</i> , 2011, 49, 107-114.	2.8	37
10	Efficient anchoring of nanoscale Pd on three-dimensional carbon hybrid as highly active and stable catalyst for electro-oxidation of formic acid. <i>Applied Catalysis B: Environmental</i> , 2020, 263, 118304.	20.2	33
11	Effects of adenoviral-mediated coexpression of bone morphogenetic protein-7 and insulin-like growth factor-1 on human periodontal ligament cells. <i>Journal of Periodontal Research</i> , 2010, 45, 532-40.	2.7	30
12	Bacterial cellulose-poly(vinyl alcohol) nanocomposite hydrogels prepared by chemical crosslinking. <i>Journal of Applied Polymer Science</i> , 2012, 126, E245.	2.6	29
13	Real-time immuno-PCR for ultrasensitive detection of pyrene and other homologous PAHs. <i>Biosensors and Bioelectronics</i> , 2015, 70, 42-47.	10.1	29
14	Rapid and repeatable methane storage in clathrate hydrates using gel-supported surfactant dry solution. <i>Chemical Engineering Science</i> , 2016, 146, 10-18.	3.8	28
15	Magnetic bead and gold nanoparticle probes based immunoassay for β -casein detection in bovine milk samples. <i>Biosensors and Bioelectronics</i> , 2015, 66, 559-564.	10.1	27
16	A detailed investigation of a novel vertical axis Darrieus wind rotor with two sets of blades. <i>Journal of Renewable and Sustainable Energy</i> , 2017, 9, .	2.0	25
17	Cu ₂ O/graphene nanosheets supported on three dimensional copper foam for sensitive and efficient non-enzymatic detection of glucose. <i>RSC Advances</i> , 2017, 7, 19312-19317.	3.6	23
18	Graphite carbon nitride/boron-doped graphene hybrid for efficient hydrogen generation reaction. <i>Nanotechnology</i> , 2018, 29, 345705.	2.6	23

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19	Multi-cycle methane hydrate formation in micro droplets of gelatinous dry solution. <i>Chemical Engineering Journal</i> , 2019, 374, 802-810.	12.7	22
20	Correlation between local structure of melts and glass forming ability for Fe78M9B13 (M=Nb, Si, and Ti). <i>Journal of Applied Physics</i> , 2019, 125, 104301.	2.9	21
21	An enzyme-linked immunosorbent assay for detection of pyrene and related polycyclic aromatic hydrocarbons. <i>Analytical Biochemistry</i> , 2015, 473, 1-6.	2.4	20
22	Acoustic emission evaluation of the fracture behavior of APS-ETBCs subjected to bondcoating oxidation. <i>Surface and Interface Analysis</i> , 2007, 39, 761-769.	1.8	19
23	Water proof and strength retention properties of thermoplastic starch based biocomposites modified with glutaraldehyde. <i>Carbohydrate Polymers</i> , 2015, 127, 135-144.	10.2	19
24	Enhanced natural gas hydrates formation in the suspension with metal particles and fibers. <i>Journal of Molecular Liquids</i> , 2020, 301, 112410.	4.9	19
25	Transcriptome Sequencing and iTRAQ of Different Rice Cultivars Provide Insight into Molecular Mechanisms of Cold-Tolerance Response in Japonica Rice. <i>Rice</i> , 2020, 13, 43.	4.0	19
26	Sesterterpene MHO7 suppresses breast cancer cells as a novel estrogen receptor degrader. <i>Pharmacological Research</i> , 2019, 146, 104294.	7.1	18
27	Baicalin ameliorates <i>Mycoplasma gallisepticum</i> -induced lung inflammation in chicken by inhibiting TLR6-mediated NF- κ B signalling. <i>British Poultry Science</i> , 2021, 62, 199-210.	1.7	18
28	Effect of a direct current bias on the electrohydrodynamic performance of a surface dielectric barrier discharge actuator for airflow control. <i>Journal of Applied Physics</i> , 2015, 117, .	2.5	17
29	Genome-wide association analysis identifies potential regulatory genes for eumelanin pigmentation in chicken plumage. <i>Animal Genetics</i> , 2017, 48, 611-614.	1.7	17
30	Constrained robust model predictive control embedded with a new data-driven technique. <i>IET Control Theory and Applications</i> , 2020, 14, 2395-2405.	2.1	17
31	Effect of chemical crosslinking degree on mechanical properties of bacterial cellulose/poly(vinyl alcohol) hydrogels. <i>Journal of Applied Physics</i> , 2015, 118, 104301.	1.8	16
32	The recessive C locus in the <i>MITF</i> gene plays a key regulatory role in the plumage colour pattern of duck (<i>Anas platyrhynchos</i>). <i>British Poultry Science</i> , 2019, 60, 105-108.	1.7	13
33	Geometry Effects of SDBD Actuator on Atmospheric-Pressure Discharge Plasma Airflow Acceleration. <i>IEEE Transactions on Plasma Science</i> , 2015, 43, 3653-3661.	1.3	12
34	A marine-derived small molecule induces immunogenic cell death against triple-negative breast cancer through ER stress-CHOP pathway. <i>International Journal of Biological Sciences</i> , 2022, 18, 2898-2913.	6.4	12
35	Airflow acceleration performance of asymmetric surface dielectric barrier discharge actuators at different exposed needle electrode heights. <i>Journal of Applied Physics</i> , 2015, 118, .	2.5	9
36	Design and synthesis of marine sesterterpene analogues as novel estrogen receptor β degraders for breast cancer treatment. <i>European Journal of Medicinal Chemistry</i> , 2022, 229, 114081.	5.5	9

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37	Enhanced clathrate hydrate phase change with open-cell copper foam for efficient methane storage. <i>Chemical Engineering Journal</i> , 2022, 440, 135912.	12.7	9
38	NONDESTRUCTIVE IMPEDANCE SPECTROSCOPY EVALUATION OF THE BOND COAT OXIDATION IN THERMAL BARRIER COATINGS. <i>Surface Review and Letters</i> , 2007, 14, 935-943.	1.1	7
39	Surface potential distribution and airflow performance of different air-exposed electrode plasma actuators at different alternating current/direct current voltages. <i>Physics of Plasmas</i> , 2015, 22, 043518.	1.9	6
40	Plasma Actuator Performance Driven by Dual-Power Supply Voltage—AC High Voltage Superimposed With Pulse Bias Voltage. <i>IEEE Transactions on Plasma Science</i> , 2017, 45, 412-422.	1.3	6
41	Experimental investigation of SDBD plasma actuator driven by AC high voltage with a superimposed positive pulse bias voltage. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	5
42	Bilateral apex pubis distance—A novel index for follicular development and egg laying status in domestic hens (<i>Gallus gallus domesticus</i>). <i>British Poultry Science</i> , 2020, 61, 195-199.	1.7	5
43	Study on Influence of Co-Injection Molding Process on Self-Reinforcing Characteristics of Self-Reinforced Polypropylene Composite via Visualization. <i>International Polymer Processing</i> , 2019, 34, 408-415.	0.5	5
44	Accelerated methane storage in clathrate hydrates using the natural tobacco. <i>Energy</i> , 2022, 241, 122549.	8.8	5
45	Toxicity, Pharmacokinetics, and Gut Microbiome of Oral Administration of Sesterterpene MHO7 Derived from a Marine Fungus. <i>Marine Drugs</i> , 2019, 17, 667.	4.6	4
46	Frequency modulated radar signal with combined chaotic sequence based on Bernoulli map. <i>Journal of Communications Technology and Electronics</i> , 2016, 61, 971-979.	0.5	3
47	A tensor-based interpolation method for sparse spatio-temporal field data. <i>Journal of Spatial Science</i> , 2020, 65, 307-325.	1.5	3
48	Effect of matrix rigidity on organ-specific capture of tumor cells by flow. <i>Cellular and Molecular Biology</i> , 2017, 63, 10.	0.9	3
49	Effects of spin-coating speed on the morphology and photovoltaic performance of the diketopyrrolopyrrole-based terpolymer. <i>Science China Chemistry</i> , 2016, 59, 466-471.	8.2	2
50	Effective immobilization of nanoscale Pd on a carbon hybrid for enhanced electrocatalytic performances: stabilization mechanism investigations. <i>Nanoscale</i> , 2019, 11, 21934-21942.	5.6	2
51	Physical and numerical simulations of the presence of a forsterite transitional zone at high temperature and pressure: insight for scCO ₂ geological storage. <i>Australian Journal of Earth Sciences</i> , 2016, 63, 503-512.	1.0	1
52	Synthesis and structure-activity relationship study of a potent MHO7 analogue as potential anti-triple negative breast cancer agent. <i>European Journal of Medicinal Chemistry</i> , 2022, 236, 114313.	5.5	1
53	Construction of a tightly-controlled expression system for use in <i>Pseudomonas</i> . <i>Biotechnology Letters</i> , 2013, 35, 1901-1906.	2.2	0
54	Experimental study on light transmission through Au wedge-shaped films. , 2016, , .		0

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55	The effect of foot type on the foot morphology and foot pressure of obese children. Footwear Science, 2017, 9, S56-S57.	2.1	0
56	Unexpected increase of the compliance rate of transfusion requisition form after the COVID-19 outbreak. Transfusion Clinique Et Biologique, 2021, 28, 94-95.	0.4	0
57	Rapid Methane Hydrate Formation in Open-Cell Copper Foam. Lecture Notes in Civil Engineering, 2022, , 392-399.	0.4	0