

Lei Yu

List of Publications by Year in descending order

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69
papers

1,426
citations

331670

21
h-index

345221

36
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72
all docs

72
docs citations

72
times ranked

2353
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosome-depleted MiR-148a-3p derived from Hepatic Stellate Cells Promotes Tumor Progression via ITGA5/PI3K/Akt Axis in Hepatocellular Carcinoma. <i>International Journal of Biological Sciences</i> , 2022, 18, 2249-2260.	6.4	27
2	Six statistical issues in scientific writing that might lead to rejection of a manuscript. <i>Journal of Forestry Research</i> , 2022, 33, 731-739.	3.6	2
3	Boosting Alkaline Hydrogen Evolution on Stoichiometric Molybdenum Carbonitride via an Interstitial Vacancy Elimination Strategy. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	21
4	Transcriptome Analysis for <i>Fraxinus mandshurica</i> Rupr. Seedlings from Different Carbon Sequestration Provenances in Response to Nitrogen Deficiency. <i>Forests</i> , 2021, 12, 257.	2.1	3
5	Establishment of a micropropagation supporting technology for the <i>Fraxinus mandshurica</i> Å— <i>Fraxinus sogdiana</i> . <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2021, 57, 307-318.	2.1	6
6	Bovine serum albumin-stabilized silver nanoclusters with anodic electrochemiluminescence peak at 904Ånm in aqueous medium and applications in spectrum-resolved multiplexing immunoassay. <i>Biosensors and Bioelectronics</i> , 2021, 176, 112934.	10.1	32
7	Facet Engineering in Ultrathin Two-Dimensional NiFe Metal Organic Frameworks by Coordination Modulation for Enhanced Electrocatalytic Water Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 10892-10901.	6.7	34
8	Variation in carbon traits among <i>Fraxinus mandshurica</i> populations and allometric equations between carbon traits and growth traits. <i>New Forests</i> , 2021, 52, 921.	1.7	2
9	Development and validation of a non-invasive model for diagnosing HBV-related liver cirrhosis. <i>Clinica Chimica Acta</i> , 2021, 523, 525-531.	1.1	2
10	Mechanical properties of wood materials using near-infrared spectroscopy based on correlation local embedding and partial least-squares. <i>Journal of Forestry Research</i> , 2020, 31, 1053-1060.	3.6	12
11	Near-Infrared Electrochemiluminescence Immunoassay with Biocompatible Au Nanoclusters as Tags. <i>Analytical Chemistry</i> , 2020, 92, 7581-7587.	6.5	82
12	Effects of Hormones and Epigenetic Regulation on the Callus and Adventitious Bud Induction of <i>Fraxinus mandshurica</i> Rupr.. <i>Forests</i> , 2020, 11, 590.	2.1	12
13	A differential photoelectrochemical method for glucose determination based on alkali-soaked zeolite imidazole framework-67 as both glucose oxidase and peroxidase mimics. <i>Mikrochimica Acta</i> , 2020, 187, 244.	5.0	10
14	Integrated Bioinformatics analysis and clinical validation reveals that high expression of mucin 1 in intrahepatic cholangiocarcinoma predicts recurrence after curative resection. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 50.	1.8	1
15	Integrated Bioinformatics analysis and clinical validation reveals that high expression of mucin 1 in intrahepatic cholangiocarcinoma predicts recurrence after curative resection. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 1-1.	1.8	5
16	Surgical Resection plus Radiofrequency Ablation versus Radical Surgery for Hepatocellular Carcinoma: A Propensity Score Matching Analysis. <i>Journal of Cancer</i> , 2019, 10, 3933-3940.	2.5	4
17	Molecular cloning and expression under abiotic stresses and hormones of the ethylene response factor VII gene <i>FmRAP2.12</i> from <i>Fraxinus mandshurica</i> . <i>Journal of Forestry Research</i> , 2019, 30, 1289-1300.	3.6	3
18	Characteristics and Expression Analysis of <i>FmTCP15</i> under Abiotic Stresses and Hormones and Interact with <i>DELLA</i> Protein in <i>Fraxinus mandshurica</i> Rupr.. <i>Forests</i> , 2019, 10, 343.	2.1	9

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19	A ratiometric electrochemical sensor for multiplex detection of cancer biomarkers using bismuth as an internal reference and metal sulfide nanoparticles as signal tags. <i>Analyst</i> , The, 2019, 144, 4073-4080.	3.5	32
20	Phosphorus deficiency promotes the lateral root growth of <i>Fraxinus mandshurica</i> seedlings. <i>Journal of Plant Nutrition and Soil Science</i> , 2019, 182, 552-559.	1.9	12
21	Liquid Crystalline Nanocolloids for the Storage of Electro-Optic Responsive Images. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 8612-8624.	8.0	25
22	Static gesture segmentation technique based on improved Sobel operator. <i>Journal of Engineering</i> , 2019, 2019, 8339-8342.	1.1	10
23	Fe ₃ O ₄ -CoP Nanoflowers Vertically Grown on TiN Nanoarrays as Efficient and Stable Electrocatalysts for Overall Water Splitting. <i>ACS Applied Nano Materials</i> , 2019, 2, 40-47.	5.0	34
24	Adjuvant Transarterial Chemoembolization for HBV-Related Hepatocellular Carcinoma After Resection: A Randomized Controlled Study. <i>Clinical Cancer Research</i> , 2018, 24, 2074-2081.	7.0	181
25	Biomass-derived C/N co-doped Ni(OH) ₂ /Ni _x S _y with a sandwich structure for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17417-17425.	10.3	37
26	Low-voltage-driven and highly-diffractive holographic polymer dispersed liquid crystals with spherical morphology. <i>RSC Advances</i> , 2017, 7, 51847-51857.	3.6	11
27	MicroRNA-29a induces loss of 5-hydroxymethylcytosine and promotes metastasis of hepatocellular carcinoma through a TET“SOCS1“MMP9 signaling axis. <i>Cell Death and Disease</i> , 2017, 8, e2906-e2906.	6.3	66
28	Feature extraction of wood-hole defects using wavelet-based ultrasonic testing. <i>Journal of Forestry Research</i> , 2017, 28, 395-402.	3.6	43
29	A D2D mode selection scheme with energy consumption minimization underlying two-tier heterogeneous cellular networks. , 2017, , .		2
30	A Simple, Rapid Method for Determination of Melatonin in Plant Tissues by UPLC Coupled with High Resolution Orbitrap Mass Spectrometry. <i>Frontiers in Plant Science</i> , 2017, 8, 64.	3.6	31
31	The 2015“2016 Ground Displacements of the Shanghai Coastal Area Inferred from a Combined COSMO-SkyMed/Sentinel-1 DInSAR Analysis. <i>Remote Sensing</i> , 2017, 9, 1194.	4.0	28
32	The Preparation of Au@TiO ₂ Yolk“Shell Nanostructure and its Applications for Degradation and Detection of Methylene Blue. <i>Nanoscale Research Letters</i> , 2017, 12, 535.	5.7	33
33	PI-88 inhibits postoperative recurrence of hepatocellular carcinoma via disrupting the surge of heparanase after liver resection. <i>Tumor Biology</i> , 2016, 37, 2987-2998.	1.8	29
34	Laparoscopic diverticulectomy with the aid of intraoperative gastrointestinal endoscopy to treat epiphrenic diverticulum. <i>Journal of Minimal Access Surgery</i> , 2016, 12, 366.	0.7	9
35	In vitro analysis of the role of the mitochondrial apoptosis pathway in CSBE therapy against human gastric cancer. <i>Experimental and Therapeutic Medicine</i> , 2015, 10, 2403-2409.	1.8	8
36	Quantifying Components of Soil Respiration and Their Response to Abiotic Factors in Two Typical Subtropical Forest Stands, Southwest China. <i>PLoS ONE</i> , 2015, 10, e0117490.	2.5	18

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37	Effect of moisture content on the ultrasonic acoustic properties of wood. Journal of Forestry Research, 2015, 26, 753-757.	3.6	28
38	The growth and assembly of the multidimensional hierarchical Ni ₃ S ₂ for aqueous asymmetric supercapacitors. CrystEngComm, 2015, 17, 4495-4501.	2.6	44
39	Fabrication of urchin-like NiCo ₂ (CO ₃) _{1.5} (OH) ₃ @NiCo ₂ S ₄ on Ni foam by an ion-exchange route and application to asymmetrical supercapacitors. Journal of Materials Chemistry A, 2015, 3, 13308-13316.	10.3	101
40	Characterization of Fe ₃ O ₄ /SiO ₂ /Gd ₂ O(CO ₃) ₂ core/shell/shell nanoparticles as T1 and T2 dual mode MRI contrast agent. Talanta, 2015, 131, 661-665.	5.5	60
41	Facile synthesis of exfoliated Co-Al LDH-carbon nanotube composites with high performance as supercapacitor electrodes. Physical Chemistry Chemical Physics, 2014, 16, 17936-17942.	2.8	92
42	Optimizing the charge transfer process by designing Co ₃ O ₄ @PPy/MnO ₂ ternary core-shell composite. Journal of Materials Chemistry A, 2014, 2, 12968-12973.	10.3	84
43	Bipolar π -conjugation interrupted host polymers by metal-free superacid-catalyzed polymerization for single-layer electrophosphorescent diodes. RSC Advances, 2014, 4, 50027-50034.	3.6	8
44	Propagation behavior of acoustic wave in wood. Journal of Forestry Research, 2014, 25, 671-676.	3.6	6
45	Facile growth of hollow porous NiO microspheres assembled from nanosheet building blocks and their high performance as a supercapacitor electrode. CrystEngComm, 2014, 16, 10389-10394.	2.6	51
46	Runoff Fractal Dimension of Songhua River Basin in Harbin Station Based on Db4 Wavelet. Advanced Materials Research, 2012, 550-553, 2537-2540.	0.3	0
47	Applying multifractal spectrum combined with fractal discrete Brownian motion model to wood defects recognition. Wood Science and Technology, 2011, 45, 511-519.	3.2	14
48	Effects of Toluene Diisocyanate on Cytokine in Mice Blood Serum. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0
49	Log x-ray image edge detection based on fractal-morphology analysis. , 2010, , .		1
50	CT number in wood physical properties prediction based on computed tomography technology. , 2010, , .		2
51	Cytotoxic Triterpenoid Glycosides from the Roots of <i>Gordonia chrysandra</i> . Journal of Natural Products, 2009, 72, 866-870.	3.0	18
52	Medical Image Testing Based on Fractal Spectrum Theory. , 2009, , .		1
53	Applying multifractal spectrum combined with fractal discrete brownian motion model to wood defects recognition for sawing. , 2009, , .		2
54	Analysis of Relationship between Apoptosis and Changes of Ca ²⁺ in HepG-2 induced by CSA with laser scanning confocal technology. , 2009, , .		0

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55	Study of a Prediction Model for Forest Fire-Initial Burnt Area on Meteorological Factors. , 2009, , .		2
56	Improved multi-scale and structuring element morphological detection in the log CT image. , 2008, , .		1
57	Multifractal spectrum theory used to medical image from CT testing. , 2008, , .		3
58	Research on recognition of wood defect types based on back-propagation neural network. , 2008, , .		1
59	The application of mathematical morphological optimization algorithm in edge detection of defected wood image. , 2008, , .		1
60	Improved morphological method in the detection of log CT image with defect. , 2008, , .		1
61	Application of omnidirectional structure element of mathematical morphology to wood computed tomography testing. , 2008, , .		0
62	A detection method on wood defects of CT image using multifractal spectrum based on fractal brownian motion. , 2008, , .		2
63	Omnidirectional morphology applied to wood defects testing by using computed tomography. , 2008, , .		0
64	Image edge detection of wood defects based on multi-fractal analysis. , 2008, , .		0
65	Automatic and Fast Testing of Wood Density Based on Computed Tomography. , 2007, , .		2
66	Medical Image Edge Detection Based on Omni-directional Multi-Scale Structure Element of Mathematical Morphology. , 2007, , .		13
67	Application of X-ray Computed Tomography to Automatic Wood Testing. , 2007, , .		5
68	Based on Computed Tomography Multifractal Analysis of Wood Defect. , 2007, , .		0
69	Detection and Classification of Wood Defects by ANN. , 2006, , .		1