

Lin He

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,360
citations

236925

25
h-index

214800

47
g-index

51
all docs

51
docs citations

51
times ranked

3352
citing authors

#	ARTICLE	IF	CITATIONS
1	Disruption of egg-specific protein causes female sterility in <i>Bombyx mori</i> . <i>Insect Science</i> , 2022, 29, 128-138.	3.0	9
2	An adaptive central difference Kalman filter approach for state of charge estimation by fractional order model of lithium-ion battery. <i>Energy</i> , 2022, 244, 122627.	8.8	49
3	Positive feedback regulation of microglial glucose metabolism by histone H4 lysine 12 lactylation in Alzheimer's disease. <i>Cell Metabolism</i> , 2022, 34, 634-648.e6.	16.2	152
4	Adsorption/Desorption Behaviors of Methanol and Ethyl Acetate on Silica Gel: Modeling and Experimental Tests. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 1829-1838.	3.7	3
5	TRPS1 drives heterochromatic origin re-firing and cancer genome evolution. <i>Cell Reports</i> , 2021, 34, 108814.	6.4	13
6	Phosphorylated LASS2 inhibits prostate carcinogenesis via negative regulation of Wnt/ β -catenin signaling. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 1048-1061.	2.6	5
7	A Torque Demand Model Predictive Control Approach for Driving Energy Optimization of Battery Electric Vehicle. <i>IEEE Transactions on Vehicular Technology</i> , 2021, 70, 3232-3242.	6.3	18
8	SCF ^{JFK} is functionally linked to obesity and metabolic syndrome. <i>EMBO Reports</i> , 2021, 22, e52036.	4.5	5
9	JFK Is a Hypoxia-Inducible Gene That Functions to Promote Breast Carcinogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 686737.	3.7	1
10	UHRF2 commissions the completion of DNA demethylation through allosteric activation by 5hmC and K33-linked ubiquitination of XRCC1. <i>Molecular Cell</i> , 2021, 81, 2960-2974.e7.	9.7	16
11	The existence of a nonclassical TCA cycle in the nucleus that wires the metabolic-epigenetic circuitry. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 375.	17.1	34
12	ZNF774 is a potent suppressor of hepatocarcinogenesis through dampening the NOTCH2 signaling. <i>Oncogene</i> , 2020, 39, 1665-1680.	5.9	10
13	A novel oxygen-containing demulsifier for efficient breaking of water-in-oil emulsions. <i>Chemical Engineering Journal</i> , 2020, 385, 123826.	12.7	79
14	A combining sliding mode control approach for electric motor anti-lock braking system of battery electric vehicle. <i>Control Engineering Practice</i> , 2020, 102, 104520.	5.5	42
15	Functionalized Ordered Mesoporous Silica by Vinyltriethoxysilane for the Removal of Volatile Organic Compounds through Adsorption/Desorption Process. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 3511-3520.	3.7	26
16	Interfacial Behaviors of Ionic Liquid Cations and Asphaltenes at Oil/Water Interface: Dynamic Diffusion and Interfacially Competitive Adsorption. <i>Energy & Fuels</i> , 2020, 34, 1259-1267.	5.1	7
17	Separation of asphalt from carbonate ore surfaces by reactive extraction: Kinetics and modelling. <i>Chemical Engineering Science</i> , 2020, 216, 115533.	3.8	4
18	Novel Polyether for Efficient Demulsification of Interfacially Active Asphaltene-Stabilized Water-in-Oil Emulsions. <i>Energy & Fuels</i> , 2020, 34, 3591-3600.	5.1	26

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19	Global crotonylome reveals CDYL-regulated RPA1 crotonylation in homologous recombination-mediated DNA repair. <i>Science Advances</i> , 2020, 6, eaay4697.	10.3	73
20	Preparation of Efficient Carbon-Based Adsorption Material Using Asphaltenes from Asphalt Rocks. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 14785-14794.	3.7	13
21	Piecewise loading bed for reversible adsorption of VOCs on silica gels. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 102, 51-60.	5.3	17
22	USP11 acts as a histone deubiquitinase functioning in chromatin reorganization during DNA repair. <i>Nucleic Acids Research</i> , 2019, 47, 9721-9740.	14.5	50
23	Recent advances of CO ₂ -responsive materials in separations. <i>Journal of CO₂ Utilization</i> , 2019, 30, 79-99.	6.8	64
24	CRISPR/Cas9-mediated <i>ebony</i> knockout results in puparium melanism in <i>Spodoptera litura</i> . <i>Insect Science</i> , 2019, 26, 1011-1019.	3.0	21
25	Binary Adsorption Equilibrium and Breakthrough of <i>n</i> -Butyl Acetate and <i>p</i> -Xylene on Granular Activated Carbon. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 8279-8289.	3.7	19
26	Measurement and Correlation of Solubility of Calcium Formate (Form $\hat{\pm}$) in Different Binary Solvent Mixtures at Temperatures from 283.15 to 323.15 K. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 2475-2483.	1.9	6
27	Effects of the N, O, and S heteroatoms on the adsorption and desorption of asphaltenes on silica surface: A molecular dynamics simulation. <i>Fuel</i> , 2019, 240, 252-261.	6.4	93
28	Adsorption and desorption of binary mixture of acetone and ethyl acetate on silica gel. <i>Chemical Engineering Science</i> , 2019, 197, 185-194.	3.8	39
29	A hybrid process for oil-solid separation by a novel multifunctional switchable solvent. <i>Fuel</i> , 2018, 221, 303-310.	6.4	36
30	Multi-mode energy management strategy for fuel cell electric vehicles based on driving pattern identification using learning vector quantization neural network algorithm. <i>Journal of Power Sources</i> , 2018, 389, 230-239.	7.8	124
31	Synthesis and application of amino acid ionic liquid-based deep eutectic solvents for oil-carbonate mineral separation. <i>Chemical Engineering Science</i> , 2018, 181, 264-271.	3.8	26
32	CRISPR/Cas9-mediated <i>Tyrosine hydroxylase</i> knockout resulting in larval lethality in <i>Agrotis ipsilon</i> . <i>Insect Science</i> , 2018, 25, 1017-1024.	3.0	16
33	Ghrelin Stimulates Endothelial Cells Angiogenesis through Extracellular Regulated Protein Kinases (ERK) Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2530.	4.1	11
34	<i>BmHpo</i> mutation induces smaller body size and late stage larval lethality in the silkworm, <i>Bombyx mori</i> . <i>Insect Science</i> , 2018, 25, 1006-1016.	3.0	7
35	Bitumen-silica interactions in the presence of hydrophilic ionic liquids. <i>Fuel</i> , 2018, 233, 860-866.	6.4	16
36	Imbalance of the reciprocally inhibitory loop between the ubiquitin-specific protease USP43 and EGFR/PI3K/AKT drives breast carcinogenesis. <i>Cell Research</i> , 2018, 28, 934-951.	12.0	57

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37	Understanding desorption of oil fractions from mineral surfaces. <i>Fuel</i> , 2018, 232, 257-266.	6.4	42
38	Understanding the Liberation of Asphaltenes on the Muscovite Surface. <i>Energy & Fuels</i> , 2017, 31, 1174-1181.	5.1	24
39	Application of silica gel in removing high concentrations toluene vapor by adsorption and desorption process. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 74, 218-224.	5.3	67
40	ZNF516 suppresses EGFR by targeting the CtBP/LSD1/CoREST complex to chromatin. <i>Nature Communications</i> , 2017, 8, 691.	12.8	42
41	Identification of a 35S U4/U6.U5 tri-small nuclear ribonucleoprotein (tri-snRNP) complex intermediate in spliceosome assembly. <i>Journal of Biological Chemistry</i> , 2017, 292, 18113-18128.	3.4	18
42	Chromodomain Protein CDYL Acts as a Crotonyl-CoA Hydratase to Regulate Histone Crotonylation and Spermatogenesis. <i>Molecular Cell</i> , 2017, 67, 853-866.e5.	9.7	169
43	JMJD6 promotes melanoma carcinogenesis through regulation of the alternative splicing of PAK1, a key MAPK signaling component. <i>Molecular Cancer</i> , 2017, 16, 175.	19.2	61
44	The FOXN3-NEAT1-SIN3A repressor complex promotes progression of hormonally responsive breast cancer. <i>Journal of Clinical Investigation</i> , 2017, 127, 3421-3440.	8.2	146
45	Nucleation of DNA repair factors by FOXA1 links DNA demethylation to transcriptional pioneering. <i>Nature Genetics</i> , 2016, 48, 1003-1013.	21.4	58
46	SIRT7 is a histone desuccinylase that functionally links to chromatin compaction and genome stability. <i>Nature Communications</i> , 2016, 7, 12235.	12.8	251
47	Dysfunction of the Reciprocal Feedback Loop between GATA3- and ZEB2-Nucleated Repression Programs Contributes to Breast Cancer Metastasis. <i>Cancer Cell</i> , 2015, 27, 822-836.	16.8	129
48	SCF ^{JFK} is a bona fide E3 ligase for ING4 and a potent promoter of the angiogenesis and metastasis of breast cancer. <i>Genes and Development</i> , 2015, 29, 672-685.	5.9	34
49	Effect of solvent addition on bitumen-air bubble attachment in process water. <i>Chemical Engineering Science</i> , 2015, 137, 31-39.	3.8	20
50	JMJD6 Promotes Colon Carcinogenesis through Negative Regulation of p53 by Hydroxylation. <i>PLoS Biology</i> , 2014, 12, e1001819.	5.6	111