Rui Li

List of Publications by Year in descending order

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122	2,295	26	276875 41 g-index
papers	citations	h-index	
125	125	125	3071
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Development of aldehyde and similar-to-aldehyde tanning agents. Textile Reseach Journal, 2022, 92, 3387-3397.	2.2	6
2	Electrochemical Oxidation of Starch Investigated by Singleâ€Currentâ€Transition Method. Starch/Staerke, 2022, 74, 2100154.	2.1	1
3	An Analog-Device-Based Five-Domain Control Method and Distributed System Configuration for High-Power Spacecraft Power Systems. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 5332-5344.	5.4	1
4	Functional differentiation of two lhx8 paralogs and possible regulatory role of lhx8a in Japanese flounder (Paralichthys olivaceus). Gene, 2022, 817, 146201.	2.2	2
5	A comparative study on the physicochemical properties, reactivity and long-term performance of sulfidized nanoscale zerovalent iron synthesized with different kinds of sulfur precursors and procedures in simulated groundwater. Water Research, 2022, 212, 118097.	11.3	31
6	Design, Synthesis and Structure-Activity Relationship Studies of Meridianin Derivatives as Novel JAK/STAT3 Signaling Inhibitors. International Journal of Molecular Sciences, 2022, 23, 2199.	4.1	5
7	Feasibility Study of Starchâ€Based Biomass Incorporated 3D Printed Beef. Starch/Staerke, 2022, 74, .	2.1	5
8	Characterization of Bovine Foamy Virus Gag Late Assembly Domain Motifs and Their Role in Recruiting ESCRT for Budding. Viruses, 2022, 14, 522.	3.3	4
9	Ainslides Aâ^'F, Six Sesquiterpenoids Isolated from <i>Ainsliaea pertyoides</i> and Their NLRP3â€Inflammasome Inhibitory Activity. Chemistry and Biodiversity, 2022, 19, .	2.1	4
10	Genome-wide identification and analysis of scavenger receptors and their expression profiling in response to Edwardsiella tarda infection in Japanese flounder (Paralichthys olivaceus). Developmental and Comparative Immunology, 2022, 132, 104397.	2.3	6
11	Carbon–Sulfur Bond Formation: Tandem Process for the Synthesis of Functionalized Isothiazoles. Organic Letters, 2022, 24, 339-343.	4.6	6
12	Study on the anhydrous condensation of collagen polypeptide and tricyanogen chloride. RSC Advances, 2022, 12, 20403-20411.	3.6	0
13	Gelatin as green adhesive for the preparation of a multifunctional biobased cryogel derived from bamboo industrial waste. Carbohydrate Polymers, 2021, 255, 117340.	10.2	14
14	Highâ€damping polyurethane/hollow glass microspheres sound insulation materials: Preparation and characterization. Journal of Applied Polymer Science, 2021, 138, 49970.	2.6	23
15	Estimation and variable selection for partially linear additive models with measurement errors. Communications in Statistics - Theory and Methods, 2021, 50, 1416-1445.	1.0	0
16	Comparative Transcriptomic Analyses of Haemophilus parasuis Reveal Differently Expressed Genes among Strains with Different Virulence Degrees. Current Microbiology, 2021, 78, 1566-1576.	2.2	1
17	Recent advances in waste water treatment through transition metal sulfides-based advanced oxidation processes. Water Research, 2021, 192, 116850.	11.3	163
18	Analysis FSS Absorber with Diversified Impedance for Broadband Applications. , 2021, , .		0

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19	Spray-Drying-Assisted Electrochemical Synthesis: A Facile and Green Strategy for the Fabrication and Functionalization of Cellulose–Gelatin Powders. Industrial & Engineering Chemistry Research, 2021, 60, 12307-12315.	3.7	1
20	Synthesis of Highly Functionalized Pyridines: A Metal-Free Cascade Process. Organic Letters, 2021, 23, 6669-6673.	4.6	9
21	Photoinduced transformation of silver ion by molybdenum disulfide nanoflakes at environmentally relevant concentrations attenuates its toxicity to freshwater algae. Journal of Hazardous Materials, 2021, 416, 126043.	12.4	7
22	Exploration of collagen cavitation based on peptide electrolysis. Scientific Reports, 2021, 11, 17080.	3.3	0
23	Effects of Lipid Deposition on Viscoelastic Response in Human Hepatic Cell Line HepG2. Frontiers in Physiology, 2021, 12, 684121.	2.8	2
24	Individual effects of <scp>l</scp> â€arginine or <scp>l</scp> â€lysine on stability of pork or chicken emulsion sausages with partial replacement of porcine backfat by soybean oil. International Journal of Food Science and Technology, 2021, 56, 6742-6751.	2.7	5
25	Influence of several crucial groundwater components on the toxicity of nanoscale zero-valent iron towards Escherichia coli under aerobic and anaerobic conditions. Chemosphere, 2021, 285, 131453.	8.2	10
26	Application of wool keratin: an anti-ultraviolet wall material in spray drying. Journal of Food Science and Technology, 2021, 58, 4235-4244.	2.8	4
27	Local Structural Optimization Method Based on Orthogonal Analysis for a Resistant Muffler. IEEE Access, 2021, 9, 40560-40569.	4.2	1
28	Synthesis of antibacterial polyether biguanide curing agent and its cured antibacterial epoxy resin. Designed Monomers and Polymers, 2021, 24, 63-72.	1.6	3
29	FBXL2 counteracts Grp94 to destabilize EGFR and inhibit EGFR-driven NSCLC growth. Nature Communications, 2021, 12, 5919.	12.8	29
30	Passive Integration Using FMLF Technique for Integrated Boost Resonant Converters. IEEE Transactions on Industrial Electronics, 2020, 67, 3756-3766.	7.9	12
31	Collapse of cavitation bubbles near air bubbles. Journal of Hydrodynamics, 2020, 32, 929-941.	3.2	17
32	Experimental and numerical study on surface roughness of magnetorheological elastomer for controllable friction. Friction, 2020, 8, 917-929.	6.4	18
33	New perspectives on capturing particle agglomerates in CFD modeling of spray dryers. Drying Technology, 2020, 38, 685-694.	3.1	7
34	The role of miR-92 in regulating early development and metamorphosis of Japanese flounder <i>Paralichthys olivaceus</i> . Genes and Genetic Systems, 2020, 95, 1-10.	0.7	7
35	PDGFRÎ ² -targeted TRAIL specifically induces apoptosis of activated hepatic stellate cells and ameliorates liver fibrosis. Apoptosis: an International Journal on Programmed Cell Death, 2020, 25, 105-119.	4.9	9
36	Fabrication and characterization of one high-hygroscopicity liquid starch-based mulching materials for facilitating the growth of plant. Carbohydrate Polymers, 2020, 230, 115582.	10.2	19

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37	Prevalence and transmission of antimicrobial-resistant Staphylococci and Enterococci from shared bicycles in Chengdu, China. Science of the Total Environment, 2020, 738, 139735.	8.0	13
38	Efficient removal of atmospheric dust by a suppressant made of potato starch, polyacrylic acid and gelatin. Environmental Chemistry Letters, 2020, 18, 1701-1711.	16.2	12
39	Polydopamineâ€mediated polypyrrole/doxorubicin nanocomplex for chemotherapyâ€enhanced photothermal therapy in both NIRâ€I and NIRâ€I biowindows against tumor cells. Journal of Applied Polymer Science, 2020, 137, 49239.	2.6	13
40	High-aspect-ratio iron nanowires: magnetic field-assisted <i>in situ</i> reduction synthesis and extensive parametric study. Nanotechnology, 2020, 31, 145601.	2.6	9
41	MiR-430 Can Affect the Mesoderm Formation and Metamorphosis of Paralichthys olivaceus by Targeting lefty Gene. Journal of Ocean University of China, 2020, 19, 409-416.	1.2	2
42	Multiple HIV-1 Genotypes Circulating Among College Students in Nanjing, China. AIDS Research and Human Retroviruses, 2020, 36, 616-624.	1.1	5
43	Cloning and expression of Allophycocyanin gene from Gracilariopsis lemaneiformis and studying the binding sites of phycocyanobilin on its \hat{l}_{\pm} and \hat{l}_{\pm}^2 subunits. Journal of Applied Phycology, 2020, 32, 2657-2671.	2.8	5
44	PEGylated polypyrrole–gold nanocomplex as enhanced photothermal agents against tumor cells. Journal of Materials Science, 2020, 55, 5587-5599.	3.7	8
45	Study on structure-induced heat transfer capabilities of waterborne polyurethane membranes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 598, 124879.	4.7	5
46	RB-IGBT Based MMC Topologies with DC Fault Blocking Capability. , 2020, , .		0
47	Measuring Viscoelastic Properties of Living Cells. Acta Mechanica Solida Sinica, 2019, 32, 599-610.	1.9	15
48	3-Aminopropyltriethoxysilane functionalized graphite oxide/waterborne polyurethane composites: Structural, thermal conductivity and physic-chemical properties. Diamond and Related Materials, 2019, 98, 107481.	3.9	4
49	Inorganic-organic CdSe-diethylenetriamine nanobelts for enhanced visible photocatalytic hydrogen evolution. Journal of Colloid and Interface Science, 2019, 555, 166-173.	9.4	44
50	A New Hybrid Modular Multilevel Converter With Integrated Energy Storage. IEEE Access, 2019, 7, 172981-172993.	4.2	18
51	Multiple Physically Cross-Linked F127â^α-CD Hydrogels: Preparation, Sol–Gel Transformation, and Controlled Release of 5-Fluorouracil. ACS Applied Bio Materials, 2019, 2, 527-532.	4.6	11
52	Control and Optimization of Residential Photovoltaic Power Generation System With High Efficiency Isolated Bidirectional DC–DC Converter. IEEE Access, 2019, 7, 116107-116122.	4.2	68
53	A Novel Switched-Capacitor Converter With High Voltage Gain. IEEE Access, 2019, 7, 107831-107844.	4.2	31
54	Production and characterization of dialdehyde cellulose through green and sustainable approach. Cellulose, 2019, 26, 9503-9515.	4.9	34

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55	The structure and properties of granular cold-water-soluble starch by a NaOH/urea aqueous solution. International Journal of Biological Macromolecules, 2019, 141, 732-737.	7. 5	36
56	Cloning of pcB and pcA Gene from Gracilariopsis lemaneiformis and Expression of a Fluorescent Phycocyanin in Heterologous Host. Genes, 2019, 10, 322.	2.4	6
57	Impact of Milk Fortification on the Microbiological and Physicochemical Properties of Set-Type Skimmed Yoghurt Using Three Commercial Soluble Prebiotics. Foods, 2019, 8, 181.	4.3	8
58	HER2 Upregulates ATF4 to Promote Cell Migration via Activation of ZEB1 and Downregulation of E-Cadherin. International Journal of Molecular Sciences, 2019, 20, 2223.	4.1	35
59	Lowâ€loss reverse blocking IGBT with PNM structure and trench collectors. Electronics Letters, 2019, 55, 350-351.	1.0	3
60	d-Amino Acid Substitution of \hat{l}_{\pm} -Conotoxin RgIA Identifies its Critical Residues and Improves the Enzymatic Stability. Marine Drugs, 2019, 17, 142.	4.6	20
61	Ontology-Based Noise Source Identification and Key Feature Selection: A Case Study on Tractor Cab. Shock and Vibration, 2019, 2019, 1-14.	0.6	2
62	A novel indole-based conjugated microporous polymer for highly effective removal of heavy metals from aqueous solution ⟨i⟩via⟨ i⟩ double cation–΀ interactions. RSC Advances, 2019, 9, 40531-40535.	3.6	13
63	Stabilization and cyclic utilization of chrome leather shavings. Environmental Science and Pollution Research, 2019, 26, 4680-4689.	5.3	12
64	Thermal Analysis and Identification of Potential Fire-proof Energy Building Material Based on Artificial Leather. Journal of Thermal Science, 2019, 28, 88-96.	1.9	12
65	The varying mass ratios of soft and hard segments in waterborne polyurethane films: Performances of thermal conductivity and adhesive properties. European Polymer Journal, 2019, 112, 423-432.	5.4	31
66	The oxidation of potato starch by Electro-Fenton system in the presence of Fe(II) ions. International Journal of Biological Macromolecules, 2019, 121, 113-119.	7.5	15
67	Global spatial risk pattern of highly pathogenic avian influenza H5N1 virus in wild birds: A knowledge-fusion based approach. Preventive Veterinary Medicine, 2018, 152, 32-39.	1.9	9
68	Preparation of soundâ€insulating material based on discarded cow hair. Journal of Applied Polymer Science, 2018, 135, 46332.	2.6	8
69	Adsorptive removal of antibiotics from water using peanut shells from agricultural waste. RSC Advances, 2018, 8, 13546-13555.	3.6	27
70	Research for waterborne polyurethane/composites with heat transfer performance: a review. Polymer Bulletin, 2018, 75, 4823-4836.	3.3	16
71	Dust pollution and control with leather waste. Environmental Chemistry Letters, 2018, 16, 427-437.	16.2	10
72	Freeze-drying of oxidized corn starch: electrochemical synthesis and characterization. Cellulose, 2018, 25, 2235-2247.	4.9	13

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73	Biodegradable films based on gelatin extracted from chrome leather scrap. International Journal of Biological Macromolecules, 2018, 107, 1023-1029.	7.5	38
74	Spatial Distribution Characteristics of Rainfall for Two-Jet Collisions in Air. Water (Switzerland), 2018, 10, 1600.	2.7	8
75	Alanine-Scanning Mutagenesis of $\hat{l}\pm$ -Conotoxin GI Reveals the Residues Crucial for Activity at the Muscle Acetylcholine Receptor. Marine Drugs, 2018, 16, 507.	4.6	19
76	Functional characterization of <i>Cynoglossus semilaevis</i> R-spondin2 and its role in muscle development during embryogenesis. Genes and Genetic Systems, 2018, 93, 181-190.	0.7	3
77	Improvement Effect of Ni to Pd-Ni/SBA-15 Catalyst for Selective Hydrogenation of Cinnamaldehyde to Hydrocinnamaldehyde. Catalysts, 2018, 8, 200.	3.5	23
78	Enhancement of thermal conductivity of PEG-PPG-based waterborne polyurethane coating by incorporating ordered polyethylene glycol fragment. Polymer Testing, 2018, 69, 125-132.	4.8	17
79	Cynoglossus semilaevis Rspo3 Regulates Embryo Development by Inhibiting the Wnt/β-Catenin Signaling Pathway. International Journal of Molecular Sciences, 2018, 19, 1915.	4.1	2
80	Effect of Methionine Oxidation and Substitution of \hat{l} ±-Conotoxin TxID on \hat{l} ±3 \hat{l} ² 4 Nicotinic Acetylcholine Receptor. Marine Drugs, 2018, 16, 215.	4.6	7
81	Electrochemical-Assisted Synthesis, Spray Granulation and Characterization of Oxidized Corn Starch–Gelatin. Industrial & Engineering Chemistry Research, 2018, 57, 7099-7104.	3.7	9
82	Asynchronous synthesis method of waterborne polyurethane with the differences of structural features and thermal conductivity. Journal of Polymer Research, 2018, 25, 1.	2.4	11
83	Research on structural features and thermal conductivity of waterborne polyurethane. Progress in Organic Coatings, 2017, 104, 271-279.	3.9	35
84	Inhibition of mTOR Pathway by Rapamycin Decreases P-glycoprotein Expression and Spontaneous Seizures in Pharmacoresistant Epilepsy. Journal of Molecular Neuroscience, 2017, 61, 553-562.	2.3	12
85	Mass spectrometric monitoring of interfacial photoelectron transfer and imaging of active crystalline facets of semiconductors. Nature Communications, 2017, 8, 14524.	12.8	27
86	Effect of Ni doping in Ni _x Mn _{1\hat{a}^*x} Ti ₁₀ (x = 0.1 \hat{a} ="0.5") on activity and SO ₂ resistance for NH ₃ -SCR of NO studied with in situ DRIFTS. Catalysis Science and Technology, 2017, 7, 3243-3257.	4.1	111
87	Hydrogel beads based on oxidized corn starch cross-linked with gelatin for tartrazine adsorption from aqueous environments. Polymer Journal, 2017, 49, 549-555.	2.7	26
88	Usability of oxidized corn starch–gelatin blends for suppression and prevention of dust. Journal of Applied Polymer Science, 2017, 134, .	2.6	24
89	On spray drying of oxidized corn starch cross-linked gelatin microcapsules for drug release. Materials Science and Engineering C, 2017, 74, 493-500.	7.3	37
90	Overexpression of <i>Jatropha curcas</i> Defensin (<i>JcDef</i>) Enhances Sheath Blight Disease Resistance in Tobacco. Journal of Phytopathology, 2017, 165, 15-21.	1.0	9

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91	Synthesis of MnNi–SAPO-34 by a one-pot hydrothermal method and its excellent performance for the selective catalytic reduction of NO by NH ₃ . Catalysis Science and Technology, 2017, 7, 4984-4995.	4.1	31
92	Inhibition of P2X7 Receptor Ameliorates Nuclear Factor-Kappa B Mediated Neuroinflammation Induced by Status Epilepticus in Rat Hippocampus. Journal of Molecular Neuroscience, 2017, 63, 173-184.	2.3	43
93	A Rare Water and Hydroxyl-Extended One-Dimensional Dysprosium(III) Chain and Its Magnetic Dilution Effect. Inorganic Chemistry, 2017, 56, 9594-9601.	4.0	17
94	Effects of Ga $<$ sub $>$ x $<$ /sub $>$ Zn $<$ sub $>$ 1 \hat{a} 'x $<$ /sub $>$ O nanorods on the photoelectric properties of n-ZnO nanorods/p-GaN heterojunction light-emitting diodes. RSC Advances, 2017, 7, 49613-49617.	3.6	8
95	High impact resistance epoxy resins by incorporation of quadruply hydrogen bonded supramolecular polymers. Chinese Journal of Polymer Science (English Edition), 2016, 34, 850-857.	3.8	16
96	The Preparation and Applications of One Biodegradable Liquid Film Mulching by Oxidized Corn Starch-Gelatin Composite. Applied Biochemistry and Biotechnology, 2016, 180, 917-929.	2.9	27
97	Biomimetic design of oxidized bacterial cellulose-gelatin-hydroxyapatite nanocomposites. Journal of Bionic Engineering, 2016, 13, 631-640.	5.0	22
98	Sulfonamide and Morpholineâ€Based Dual Chemosensor for Cu ²⁺ and Ag ⁺ in Different Solvent Media. Chinese Journal of Chemistry, 2016, 34, 931-936.	4.9	4
99	High-speed photographic observation of collapse of two cavitation bubbles. Science China Technological Sciences, 2016, 59, 1707-1716.	4.0	15
100	Comprehensive Performance Evaluation Strategy for Communication Networks Selection in Smart Grid. Cybernetics and Information Technologies, 2016, 16, 39-56.	1,1	1
101	Is a highly pathogenic avian influenza virus H5N1 fragment recombined in PB1 the key for the epidemic of the novel AIV H7N9 in China, 2013?. International Journal of Infectious Diseases, 2016, 43, 85-89.	3.3	6
102	Fusion to an albumin-binding domain with a high affinity for albumin extends the circulatory half-life and enhances the in vivo antitumor effects of human TRAIL. Journal of Controlled Release, 2016, 228, 96-106.	9.9	64
103	The Electric Active Starch Flocculation of Protein and its Degradation Products in Leather Effluents. Leather and Footwear Journal, 2016, 16, 133-146.	0.2	0
104	\hat{l}^2 -sitosterol interacts with pneumolysin to prevent Streptococcus pneumoniae infection. Scientific Reports, 2015, 5, 17668.	3.3	49
105	Tuning to optimize SVM approach for assisting ovarian cancer diagnosis with photoacoustic imaging. Bio-Medical Materials and Engineering, 2015, 26, S975-S981.	0.6	10
106	Effect of alkyl chain length on adsorption properties of alkyl imidazolium ionic liquids surface imprinting polymers. Monatshefte FA¼r Chemie, 2015, 146, 475-484.	1.8	7
107	Shifts in the Spatiotemporal Dynamics of Schistosomiasis: A Case Study in Anhui Province, China. PLoS Neglected Tropical Diseases, 2015, 9, e0003715.	3.0	7
108	Spatio-temporal Transmission and Environmental Determinants of Schistosomiasis Japonica in Anhui Province, China. PLoS Neglected Tropical Diseases, 2015, 9, e0003470.	3.0	30

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109	Baicalin Inhibits the Lethality of Ricin in Mice by Inducing Protein Oligomerization. Journal of Biological Chemistry, 2015, 290, 12899-12907.	3.4	12
110	AdipoRon, the first orally active adiponectin receptor activator, attenuates postischemic myocardial apoptosis through both AMPK-mediated and AMPK-independent signalings. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E275-E282.	3.5	85
111	Enantioselective Direct Bisvinylogous 1,6â€Additions of βâ€Allylâ€2â€cyclohexenone to α,αâ€Dicyanodienes thr Trienamine Catalysis. European Journal of Organic Chemistry, 2014, 2014, 5906-5909.	ough 2.4	18
112	Novel High-Efficiency Three-Level Stacked-Neutral-Point-Clamped Grid-Tied Inverter. IEEE Transactions on Industrial Electronics, 2013, 60, 3766-3774.	7.9	54
113	Selection of Temperature for Bio-oil Production from Pyrolysis of Algae from Lake Blooms. Energy & Lake Blooms	5.1	73
114	Nonlinear Concentration-Dependent Electronic and Optical Properties of Si1–xGex Alloy Nanowires. Journal of Physical Chemistry C, 2012, 116, 17934-17938.	3.1	13
115	Effects of low nitrogen and drought stresses on proline synthesis of Jatropha curcas seedling. Acta Physiologiae Plantarum, 2011, 33, 1591-1595.	2.1	29
116	Network construction for fourth-party logistics based on resilience with using Particle Swarm Optimization. , $2011,\ldots$		6
117	Stability Analysis of Three-Species Almost Periodic Competition Models with Grazing Rates and Diffusions. Discrete Dynamics in Nature and Society, 2011, 2011, 1-14.	0.9	O
118	Highly Asymmetric Michael Addition to $\hat{l}\pm,\hat{l}^2$ -Unsaturated Ketones Catalyzed by 9-Amino-9-deoxyepiquinine. Angewandte Chemie - International Edition, 2007, 46, 5049-5049.	13.8	0
119	Coreâ^'Corona Polymer Composite Particles by Self-Assembled Heterocoagulation Based on a Hydrogen-Bonding Interaction. Langmuir, 2006, 22, 8127-8133.	3.5	66
120	Preparation of narrow-dispersion or monodisperse polymer microspheres with active hydroxyl group by distillation–precipitation polymerization. Polymer International, 2006, 55, 319-325.	3.1	22
121	Adsorptive removal of sulfa antibiotics from water using spent mushroom substrate, an agricultural waste. Desalination and Water Treatment, 0 , , 1 - 10 .	1.0	23
122	Research on preparation technology of animal skin intrinsic multifunctional packaging material. Journal of Plastic Film and Sheeting, 0, , 875608792210934.	2.2	0