

# Di Liu

## List of Publications by Year in descending order

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35  
papers

569  
citations

623734

14  
h-index

642732

23  
g-index

36  
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36  
docs citations

36  
times ranked

736  
citing authors

#	ARTICLE	IF	CITATIONS
1	Converting the 3-quinuclidinone reductase from <i>Agrobacterium tumefaciens</i> into the ethyl 4-chloroacetoacetate reductase by site-directed mutagenesis. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 1428-1437.	3.1	1
2	High methanol resistance semi-crystalline sulfonated poly(ether ketone) proton exchange membrane for direct methanol fuel cell. <i>Journal of Membrane Science</i> , 2022, 650, 120413.	8.2	22
3	A bacterium-like particle vaccine displaying Zika virus prM-E induces systemic immune responses in mice. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	3.0	8
4	Structure and properties of sulfonated poly(arylene ether)s with densely sulfonated segments containing mono-, di- and tri-tetraphenylmethane as proton exchange membrane. <i>Journal of Membrane Science</i> , 2021, 620, 118856.	8.2	25
5	High methanol resistant polyelectrolyte membrane based on semi-crystalline Poly(ether ketone) with densely sulfonated side chain for direct methanol fuel cell. <i>Journal of Power Sources</i> , 2021, 482, 228982.	7.8	25
6	Anion exchange membrane based on poly(arylene ether ketone) containing long alkyl densely quaternized carbazole derivative pendant. <i>Journal of Membrane Science</i> , 2021, 623, 119079.	8.2	35
7	An inactivated recombinant rabies virus displaying the Zika virus prM-E induces protective immunity against both pathogens. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009484.	3.0	10
8	An ultrasensitive sensing platform for microRNA-155 based on H <sub>2</sub> O <sub>2</sub> quenched hydroxide-dependent ECL emission of PFO Pdots. <i>Biosensors and Bioelectronics</i> , 2020, 150, 111872.	10.1	33
9	Programmable mismatch-fueled high-efficiency DNA signal converter. <i>Chemical Science</i> , 2020, 11, 148-153.	7.4	27
10	Novel branched sulfonated poly(arylene ether)s based on carbazole derivative for proton exchange membrane. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 4644-4652.	7.1	23
11	The Microstructure and Mechanical Properties of TA1-Low Alloy Steel Composite Plate Manufactured by Explosive Welding. <i>Metals</i> , 2020, 10, 663.	2.3	13
12	Synthesis of novel Co(ii) complexed bipyrimidine polyimide and preparation of thin film composite membranes. <i>Polymer Chemistry</i> , 2020, 11, 5057-5066.	3.9	3
13	A ratiometric electrochemiluminescent immunoassay for calcitonin by using N-(aminobutyl)-N-(ethylisoluminol) and graphite-like carbon nitride. <i>Mikrochimica Acta</i> , 2019, 186, 771.	5.0	8
14	ECL Biosensor for Sensitive Detection of Soybean Agglutinin Based on AuPt@C <sub>60</sub> Nanoflowers Enhanced N-(aminobutyl)-N-(ethylisoluminol). <i>Journal of the Electrochemical Society</i> , 2019, 166, B49-B55.	2.9	11
15	LMNA-mutated Rabbits: A Model of Premature Aging Syndrome with Muscular Dystrophy and Dilated Cardiomyopathy. , 2019, 10, 102.		15
16	Interfacial engineering of metal-organic frameworks/graphene oxide composite membrane by polyethyleneimine for efficient H <sub>2</sub> /CH <sub>4</sub> gas separation. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2043-2049.	6.0	17
17	Star Image Prediction and Restoration under Dynamic Conditions. <i>Sensors</i> , 2019, 19, 1890.	3.8	14
18	<i>DMP1</i> Ablation in the Rabbit Results in Mineralization Defects and Abnormalities in Haversian Canal/Osteon Microarchitecture. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1115-1128.	2.8	25

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19	High Dimensional Stability and Alcohol Resistance Aromatic Poly(aryl ether ketone) Polyelectrolyte Membrane Synthesis and Characterization. ACS Applied Energy Materials, 2019, 2, 1646-1656.	5.1	31
20	Synthesis and Enhanced Formaldehyde-Sensing Properties of In <sub>2</sub> O <sub>3</sub> Hollow Spheres with Thin Shells. Journal of Electronic Materials, 2018, 47, 2165-2170.	2.2	5
21	Multiple homologous genes knockout (KO) by CRISPR/Cas9 system in rabbit. Gene, 2018, 647, 261-267.	2.2	15
22	Identification and characterization from Candida glycerinogenes of hexose transporters having high efficiency at high glucose concentrations. Applied Microbiology and Biotechnology, 2018, 102, 5557-5567.	3.6	7
23	Highly proton conducting proton-exchange membranes based on fluorinated poly(arylene ether) Tj ETQq1 1 0.784314 rgBT, /Overlook	2.3	22
24	Development of muscular dystrophy in a CRISPR-engineered mutant rabbit model with frame-disrupting ANO5 mutations. Cell Death and Disease, 2018, 9, 609.	6.3	29
25	Description of a new species of Hemiberlesia Cockerell (Hemiptera: Coccoomorpha: Diaspididae) from China, with a key to Hemiberlesia species known from China. Zootaxa, 2018, 4388, 575.	0.5	0
26	A ratiometric electrochemiluminescent biosensor for Con A detecting based on competition of dissolved oxygen. Biosensors and Bioelectronics, 2018, 120, 40-46.	10.1	29
27	A novel rabbit model of Duchenne muscular dystrophy generated by CRISPR/Cas9. DMM Disease Models and Mechanisms, 2018, 11, .	2.4	63
28	Size-Controlled Silver Nanoparticles Confined in Ordered Mesoporous Silica and Their Enhanced Catalytic Activities. Nano, 2017, 12, 1750104.	1.0	1
29	Therapeutic effects of mesenchymal stem cells combined with short hairpin RNA on liver injury induced by hepatitis B virus infection. Molecular Medicine Reports, 2017, 17, 1731-1741.	2.4	2
30	Contraction approach to bipartite synchronization for a network of nonlinear systems. , 2016, , .		2
31	Antiviral Activity of a Zymolytic Grain Based Extract on Human Immunodeficiency Virus Type 1 <i>In Vitro</i>. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-9.	1.2	1
32	Bone Marrow Mesenchymal Stem Cell Transplantation Retards the Natural Senescence of Rat Hearts. Stem Cells Translational Medicine, 2015, 4, 494-502.	3.3	28
33	Sex- and season-dependent differences in telomere length and telomerase activity in the leaves of ash and willow. SpringerPlus, 2014, 3, 163.	1.2	4
34	Cisapride protects against cardiac hypertrophy via inhibiting the up-regulation of calcineurin and NFATc-3. European Journal of Pharmacology, 2014, 735, 202-210.	3.5	11
35	Multi-object tracking based on improved Mean Shift. , 2013, , .		1