

Hang Qian

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

915
citations

471509

17
h-index

454955

30
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31
all docs

31
docs citations

31
times ranked

1530
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular processing and destinies of artificial DNA nanostructures. <i>Chemical Society Reviews</i> , 2016, 45, 4199-4225.	38.1	146
2	RAB26-dependent autophagy protects adherens junctional integrity in acute lung injury. <i>Autophagy</i> , 2018, 14, 1677-1692.	9.1	78
3	Electrochemical Quantification of <i>Escherichia coli</i> with DNA Nanostructure. <i>Advanced Functional Materials</i> , 2015, 25, 3840-3846.	14.9	72
4	Protecting microRNAs from RNase degradation with steric DNA nanostructures. <i>Chemical Science</i> , 2017, 8, 1062-1067.	7.4	65
5	Reduced Graphene Oxide Supported MnO Nanoparticles with Excellent Lithium Storage Performance. <i>Electrochimica Acta</i> , 2014, 118, 112-117.	5.2	50
6	Capturing intracellular oncogenic microRNAs with self-assembled DNA nanostructures for microRNA-based cancer therapy. <i>Chemical Science</i> , 2018, 9, 7562-7568.	7.4	48
7	Hollow carbon sphere with open pore encapsulated MnO ₂ nanosheets as high-performance anode materials for lithium ion batteries. <i>Electrochimica Acta</i> , 2018, 260, 783-788.	5.2	47
8	Assembling Defined DNA Nanostructure with Nitrogen-Enriched Carbon Dots for Theranostic Cancer Applications. <i>Small</i> , 2020, 16, e1906975.	10.0	45
9	Study on SnO ₂ /graphene composites with superior electrochemical performance for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 9345.	10.3	42
10	Reversibly Switching the Surface Porosity of a DNA Tetrahedron. <i>Journal of the American Chemical Society</i> , 2012, 134, 11998-12001.	13.7	39
11	Regulation of vascular smooth muscle cell autophagy by DNA nanotube-conjugated mTOR siRNA. <i>Biomaterials</i> , 2015, 67, 137-150.	11.4	38
12	Isothermal Self-Assembly of Spermidine-DNA Nanostructure Complex as a Functional Platform for Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15504-15516.	8.0	38
13	Controlling the Chirality of DNA Nanocages. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7999-8002.	13.8	31
14	Regulation on Toll-like Receptor 4 and Cell Barrier Function by Rab26 siRNA-loaded DNA Nanovector in Pulmonary Microvascular Endothelial Cells. <i>Theranostics</i> , 2017, 7, 2537-2554.	10.0	26
15	Targeted Delivery of Rab26 siRNA with Precisely Tailored DNA Prism for Lung Cancer Therapy. <i>ChemBioChem</i> , 2019, 20, 1139-1144.	2.6	25
16	Self-Assembly of DNA Nanotubes with Defined Diameters and Lengths. <i>Small</i> , 2014, 10, 855-858.	10.0	23
17	Polyvinyl pyrrolidone-assisted synthesis of a Fe ₃ O ₄ /graphene composite with excellent lithium storage properties. <i>RSC Advances</i> , 2014, 4, 6379.	3.6	21
18	ATG101 Single-Stranded Antisense RNA-Loaded Triangular DNA Nanoparticles Control Human Pulmonary Endothelial Growth via Regulation of Cell Macroautophagy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 42544-42555.	8.0	18

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19	Endothelial Cell Inflammation and Barriers Are Regulated by the Rab26-Mediated Balance between α 2-AR and TLR4 in Pulmonary Microvessel Endothelial Cells. <i>Mediators of Inflammation</i> , 2019, 2019, 1-10.	3.0	9
20	Functionalizing DNA nanostructures with natural cationic amino acids. <i>Bioactive Materials</i> , 2021, 6, 2946-2955.	15.6	9
21	An mTOR siRNA-Loaded Spermidine/DNA Tetrahedron Nanoplatform with a Synergistic Anti-Inflammatory Effect on Acute Lung Injury. <i>Advanced Healthcare Materials</i> , 2022, 11, e2200008.	7.6	8
22	Extracellular HMGB1 Impairs Macrophage-Mediated Efferocytosis by Suppressing the Rab43-Controlled Cell Surface Transport of CD91. <i>Frontiers in Immunology</i> , 2022, 13, 767630.	4.8	7
23	DNA cohesion through bubble-bubble recognition. <i>Chemical Communications</i> , 2012, 48, 12216.	4.1	6
24	Materialistic Interfaces with Nucleic Acids: Principles and Their Impact. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	6
25	Extracellular CIRP-Impaired Rab26 Restrains EPOR-Mediated Macrophage Polarization in Acute Lung Injury. <i>Frontiers in Immunology</i> , 2021, 12, 768435.	4.8	5
26	Inhibition of DNA nanotube-conjugated mTOR siRNA on the growth of pulmonary arterial smooth muscle cells. <i>Data in Brief</i> , 2015, 5, 28-34.	1.0	2
27	Protein-mediated DNA self-assembly by controlling the surface charge in a molecular crowding environment. <i>Biomaterials Science</i> , 2022, , .	5.4	2
28	DNA Nanotubes: Self-Assembly of DNA Nanotubes with Defined Diameters and Lengths (<i>Small</i> 5/2014). <i>Small</i> , 2014, 10, 854-854.	10.0	1
29	Biosensors: Electrochemical Quantification of <i>Escherichia coli</i> with DNA Nanostructure (Adv.) <i>Tj ETQq1 1 0.784314 rgBT /Over</i>	14.9	1