

Yujun Song

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

4,550
citations

28
h-index

57
g-index

57
ext. papers

5,149
ext. citations

10.1
avg, IF

5.64
L-index

#	Paper	IF	Citations
52	Graphene oxide: intrinsic peroxidase catalytic activity and its application to glucose detection. <i>Advanced Materials</i> , 2010 , 22, 2206-10	24	1592
51	Colorimetric biosensing using smart materials. <i>Advanced Materials</i> , 2011 , 23, 4215-36	24	503
50	Label-free colorimetric detection of single nucleotide polymorphism by using single-walled carbon nanotube intrinsic peroxidase-like activity. <i>Chemistry - A European Journal</i> , 2010 , 16, 3617-21	4.8	442
49	Multiplexed volumetric bar-chart chip for point-of-care diagnostics. <i>Nature Communications</i> , 2012 , 3, 1283	17.4	160
48	Selective and quantitative cancer cell detection using target-directed functionalized graphene and its synergetic peroxidase-like activity. <i>Chemical Communications</i> , 2011 , 47, 4436-8	5.8	155
47	Point-of-care technologies for molecular diagnostics using a drop of blood. <i>Trends in Biotechnology</i> , 2014 , 32, 132-9	15.1	154
46	A reusable DNA single-walled carbon-nanotube-based fluorescent sensor for highly sensitive and selective detection of Ag ⁺ and cysteine in aqueous solutions. <i>Chemistry - A European Journal</i> , 2010 , 16, 8147-54	4.8	146
45	Recent advances of microneedles for biomedical applications: drug delivery and beyond. <i>Acta Pharmaceutica Sinica B</i> , 2019 , 9, 469-483	15.5	125
44	Near-infrared upconversion-activated CRISPR-Cas9 system: A remote-controlled gene editing platform. <i>Science Advances</i> , 2019 , 5, eaav7199	14.3	123
43	Ultrasensitive and Selective Detection of a Prognostic Indicator in Early-Stage Cancer Using Graphene Oxide and Carbon Nanotubes. <i>Advanced Functional Materials</i> , 2010 , 20, 3967-3971	15.6	122
42	Visual and quantitative detection of copper ions using magnetic silica nanoparticles clicked on multiwalled carbon nanotubes. <i>Chemical Communications</i> , 2010 , 46, 6572-4	5.8	112
41	A multistage volumetric bar chart chip for visualized quantification of DNA. <i>Journal of the American Chemical Society</i> , 2013 , 135, 16785-8	16.4	73
40	Nanoporous Glass Integrated in Volumetric Bar-Chart Chip for Point-of-Care Diagnostics of Non-Small Cell Lung Cancer. <i>ACS Nano</i> , 2016 , 10, 1640-7	16.7	54
39	A DNA nanomachine induced by single-walled carbon nanotubes on gold surface. <i>Biomaterials</i> , 2009 , 30, 1739-45	15.6	54
38	Self-assembly of single-stranded RNA on carbon nanotube: polyadenylic acid to form a duplex structure. <i>Small</i> , 2008 , 4, 656-61	11	47
37	Light regulation of peroxidase activity by spiropyran functionalized carbon nanotubes used for label-free colorimetric detection of lysozyme. <i>Chemical Communications</i> , 2011 , 47, 9083-5	5.8	46
36	Luminescent lanthanide graphene for detection of bacterial spores and cysteine. <i>Chemical Communications</i> , 2015 , 51, 11022-5	5.8	45

35	Rapid and ultra-sensitive detection of AMP using a fluorescent and magnetic nano-silica sandwich complex. <i>Chemical Communications</i> , 2009 , 1975-7	5.8	43
34	Integration of platinum nanoparticles with a volumetric bar-chart chip for biomarker assays. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 12451-5	16.4	38
33	A Universal, Label-Free, and Sensitive Optical Enzyme-Sensing System for Nuclease and Methyltransferase Activity Based on Light Scattering of Carbon Nanotubes. <i>Advanced Functional Materials</i> , 2011 , 21, 583-590	15.6	37
32	Knocking-down cyclin A(2) by siRNA suppresses apoptosis and switches differentiation pathways in K562 cells upon administration with doxorubicin. <i>PLoS ONE</i> , 2009 , 4, e6665	3.7	36
31	A microfluidic platform with digital readout and ultra-low detection limit for quantitative point-of-care diagnostics. <i>Lab on A Chip</i> , 2015 , 15, 3300-6	7.2	34
30	Highly biocompatible BSA-MnO ₂ nanoparticles as an efficient near-infrared photothermal agent for cancer therapy. <i>Chinese Chemical Letters</i> , 2018 , 29, 1685-1688	8.1	34
29	Gold nanoparticles doped metal-organic frameworks as near-infrared light-enhanced cascade nanozyme against hypoxic tumors. <i>Nano Research</i> , 2020 , 13, 653-660	10	32
28	Luminescent Rare-Earth Complex Covalently Modified Single-Walled Carbon Nanotubes: Design, Synthesis, and DNA Sequence-Dependent Red Luminescence Enhancement. <i>Chemistry of Materials</i> , 2010 , 22, 5718-5724	9.6	31
27	Competitive volumetric bar-chart chip with real-time internal control for point-of-care diagnostics. <i>Analytical Chemistry</i> , 2015 , 87, 3771-7	7.8	30
26	A versatile quantitation platform based on platinum nanoparticles incorporated volumetric bar-chart chip for highly sensitive assays. <i>Biosensors and Bioelectronics</i> , 2016 , 85, 777-784	11.8	30
25	Visually multiplexed quantitation of heavy metal ions in water using volumetric bar-chart chip. <i>Biosensors and Bioelectronics</i> , 2018 , 117, 644-650	11.8	28
24	Integrative volumetric bar-chart chip for rapid and quantitative point-of-care detection of myocardial infarction biomarkers. <i>Lab on A Chip</i> , 2016 , 16, 2955-62	7.2	24
23	Gallium/Carbenicillin Framework Coated Defect-Rich Hollow TiO ₂ as a Photocatalyzed Oxidative Stress Amplifier against Complex Infections. <i>Advanced Functional Materials</i> , 2020 , 30, 2004861	15.6	24
22	Hypoxia-Responsive Gene Editing to Reduce Tumor Thermal Tolerance for Mild-Photothermal Therapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 21200-21204	16.4	22
21	Antibody-free detection of protein phosphorylation using intrinsic peroxidase-like activity of platinum/carbon dot hybrid nanoparticles. <i>Chemical Communications</i> , 2016 , 52, 7994-7	5.8	19
20	Stabilization of unstable CGC+ triplex DNA by single-walled carbon nanotubes under physiological conditions. <i>Nucleic Acids Research</i> , 2011 , 39, 6835-43	20.1	17
19	Nano-immunosorbent assay based on Cas12a/crRNA for ultra-sensitive protein detection. <i>Biosensors and Bioelectronics</i> , 2021 , 190, 113450	11.8	13
18	Rapid identification of urinary tract infections based on ultrasensitive bacteria detection using volumetric bar-chart chip. <i>Sensors and Actuators B: Chemical</i> , 2019 , 298, 126885	8.5	11

17	Integration of Platinum Nanoparticles with a Volumetric Bar-Chart Chip for Biomarker Assays. <i>Angewandte Chemie</i> , 2014 , 126, 12659-12663	3.6	11
16	Controlled CRISPR-Cas9 Ribonucleoprotein Delivery for Sensitized Photothermal Therapy. <i>Small</i> , 2021 , 17, e2101155	11	11
15	Mesopore to Macropore Transformation of Metal-Organic Framework for Drug Delivery in Inflammatory Bowel Disease. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2000973	10.1	9
14	A self-powered microfluidic chip integrated with fluorescent microscopic counting for biomarkers assay. <i>Sensors and Actuators B: Chemical</i> , 2019 , 291, 192-199	8.5	8
13	Cerium metal organic framework mediated molecular threading for point-of-care colorimetric assays. <i>Biosensors and Bioelectronics</i> , 2020 , 165, 112406	11.8	8
12	Enzyme-mimicking accelerated signal enhancement for visually multiplexed quantitation of telomerase activity. <i>Chemical Communications</i> , 2020 , 56, 6969-6972	5.8	7
11	7-Amino actinomycin D bound to single-stranded hairpin DNA enhanced by loop sequence-dependent luminescent Eu(3+) and Tb(3+) binding. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 1675-9	4.2	7
10	Recent near-infrared light-activated nanomedicine toward precision cancer therapy. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 7076-7099	7.3	5
9	Magnetic Colloid Antibodies Accelerate Small Extracellular Vesicles Isolation for Point-of-Care Diagnostics. <i>Nano Letters</i> , 2021 , 21, 2001-2009	11.5	5
8	Volumetric Bar-Chart Chips for Biosensing. <i>Methods in Molecular Biology</i> , 2017 , 1570, 105-115	1.4	4
7	Ultrasensitive and Selective Detection of a Prognostic Indicator in Early-Stage Cancer Using Graphene Oxide and Carbon Nanotubes. <i>Advanced Functional Materials</i> , 2010 , 20, 3966-3966	15.6	4
6	Copper metal-organic framework incorporated mesoporous silica as a bioorthogonal biosensor for detection of glutathione. <i>Sensors and Actuators B: Chemical</i> , 2021 , 345, 130382	8.5	3
5	Hollow covalent organic framework-sheltering CRISPR/Cas12a as an in-vivo nanosensor for ATP imaging. <i>Biosensors and Bioelectronics</i> , 2022 , 209, 114239	11.8	3
4	Chylomicrons-Simulating Sustained Drug Release in Mesenteric Lymphatics for the Treatment of Crohn's-Like Colitis. <i>Journal of Crohns and Colitis</i> , 2021 , 15, 631-646	1.5	2
3	Hypoxia-Responsive Gene Editing to Reduce Tumor Thermal Tolerance for Mild-Photothermal Therapy. <i>Angewandte Chemie</i> , 2021 , 133, 21370-21374	3.6	2
2	Gas-propelled biosensors for quantitative analysis. <i>Analyst, The</i> , 2021 , 146, 1115-1126	5	1
1	Nanomaterial-assisted microfluidics for multiplex assays. <i>Mikrochimica Acta</i> , 2022 , 189, 139	5.8	1