

Guanglei Fu

List of Publications by Year in descending order

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13
papers

1,201
citations

687363

13
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

1448
citing authors

#	ARTICLE	IF	CITATIONS
1	Prussian blue nanoparticles operate as a new generation of photothermal ablation agents for cancer therapy. <i>Chemical Communications</i> , 2012, 48, 11567.	4.1	293
2	Biomarker detection for disease diagnosis using cost-effective microfluidic platforms. <i>Analyst, The</i> , 2015, 140, 7062-7081.	3.5	208
3	Exploration of Nanoparticle-Mediated Photothermal Effect of TMB-H ₂ O ₂ Colorimetric System and Its Application in a Visual Quantitative Photothermal Immunoassay. <i>Analytical Chemistry</i> , 2018, 90, 5930-5937.	6.5	201
4	Nanoparticle-mediated photothermal effect enables a new method for quantitative biochemical analysis using a thermometer. <i>Nanoscale</i> , 2016, 8, 5422-5427.	5.6	123
5	Magnetic Prussian Blue Nanoparticles for Targeted Photothermal Therapy under Magnetic Resonance Imaging Guidance. <i>Bioconjugate Chemistry</i> , 2014, 25, 1655-1663.	3.6	119
6	Cost-effective and sensitive colorimetric immunosensing using an iron oxide-to-Prussian blue nanoparticle conversion strategy. <i>Analyst, The</i> , 2016, 141, 3883-3889.	3.5	48
7	Photothermal Microfluidic Sensing Platform Using Near-Infrared Laser-Driven Multiplexed Dual-Mode Visual Quantitative Readout. <i>Analytical Chemistry</i> , 2019, 91, 13290-13296.	6.5	43
8	Detector-Free Photothermal Bar-Chart Microfluidic Chips (PT-Chips) for Visual Quantitative Detection of Biomarkers. <i>Analytical Chemistry</i> , 2021, 93, 7754-7762.	6.5	39
9	Controlled Drug Delivery Using Microdevices. <i>Current Pharmaceutical Biotechnology</i> , 2016, 17, 772-787.	1.6	39
10	Remotely tunable microfluidic platform driven by nanomaterial-mediated on-demand photothermal pumping. <i>Lab on A Chip</i> , 2020, 20, 2218-2227.	6.0	33
11	Multiplexed tri-mode visual outputs of immunoassay signals on a clip-magazine-assembled photothermal biosensing disk. <i>Biosensors and Bioelectronics</i> , 2020, 170, 112646.	10.1	19
12	Spatiotemporally Controlled Multiplexed Photothermal Microfluidic Pumping under Monitoring of On-Chip Thermal Imaging. <i>ACS Sensors</i> , 2019, 4, 2481-2490.	7.8	18
13	Integration and Quantitative Visualization of 3,3',5,5'-Tetramethylbenzidine-Probed Enzyme-Linked Immunosorbent Assay-like Signals in a Photothermal Bar-Chart Microfluidic Chip for Multiplexed Immunosensing. <i>Analytical Chemistry</i> , 2021, 93, 15105-15114.	6.5	18