

# Zhongze Gu

## List of Publications by Year in descending order

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Version: 2024-02-01

149  
papers

9,642  
citations

39113

52  
h-index

45040

94  
g-index

154  
all docs

154  
docs citations

154  
times ranked

11753  
citing authors

#	ARTICLE	IF	CITATIONS
1	Signal Quality Investigation of a New Wearable Frontal Lobe EEG Device. <i>Sensors</i> , 2022, 22, 1898.	2.1	6
2	3D-printable colloidal photonic crystals. <i>Materials Today</i> , 2022, 56, 29-41.	8.3	61
3	A human cornea-on-a-chip for the study of epithelial wound healing by extracellular vesicles. <i>IScience</i> , 2022, 25, 104200.	1.9	19
4	Photo-adjustable TiO <sub>2</sub> Paper as a Smart Substrate for Paper-Based Analytical Devices. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	4
5	PBPK Modeling on Organs-on-Chips: An Overview of Recent Advancements. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 900481.	2.0	5
6	Multidimensional surface patterning based on wavelength-controlled disulfide-diselenide dynamic photochemistry. <i>Materials Today</i> , 2022, 57, 57-65.	8.3	3
7	Synergistically Bifunctional Paramagnetic Separation Enables Efficient Isolation of Urine Extracellular Vesicles and Downstream Phosphoproteomic Analysis. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 3622-3630.	4.0	29
8	Ordered inverse-opal scaffold based on bionic transpiration to create a biomimetic spine. <i>Nanoscale</i> , 2021, 13, 8614-8622.	2.8	12
9	Colloidal Photonic Crystals for Biomedical Applications. <i>Small Structures</i> , 2021, 2, 2000110.	6.9	47
10	Capillary-Force-Driven Self-Assembly of 4D-Printed Microstructures. <i>Advanced Materials</i> , 2021, 33, e2100332.	11.1	32
11	Automated evaluation of tumor spheroid behavior in 3D culture using deep learning-based recognition. <i>Biomaterials</i> , 2021, 272, 120770.	5.7	40
12	Reversed-engineered human alveolar lung-on-a-chip model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	144
13	Role of Long Non-Coding RNA Polymorphisms in Cancer Chemotherapeutic Response. <i>Journal of Personalized Medicine</i> , 2021, 11, 513.	1.1	6
14	Frontal EEG-Based Multi-Level Attention States Recognition Using Dynamical Complexity and Extreme Gradient Boosting. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 673955.	1.0	15
15	Static-Dynamic Fluorescence Patterns Based on Photodynamic Disulfide Reactions for Versatile Information Storage. <i>Small</i> , 2021, 17, e2102224.	5.2	12
16	Facile Surface Functionalization Strategy for Two-Photon Lithography Microstructures. <i>Small</i> , 2021, 17, e2101048.	5.2	6
17	Utility of TPP-manufactured biophysical restrictions to probe multiscale cellular dynamics. <i>Bio-Design and Manufacturing</i> , 2021, 4, 776-789.	3.9	3
18	Construction of a high fidelity epidermis-on-a-chip for scalable <i>in vitro</i> irritation evaluation. <i>Lab on A Chip</i> , 2021, 21, 3804-3818.	3.1	29

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19	Morphological diversity of single neurons in molecularly defined cell types. <i>Nature</i> , 2021, 598, 174-181.	13.7	180
20	From Cellular Infiltration Assessment to a Functional Gene Set-Based Prognostic Model for Breast Cancer. <i>Frontiers in Immunology</i> , 2021, 12, 751530.	2.2	4
21	Additive Manufacturing Technologies Based on Photopolymerization. , 2021, , 263-282.		0
22	ECSMP: A dataset on emotion, cognition, sleep, and multi-model physiological signals. <i>Data in Brief</i> , 2021, 39, 107660.	0.5	3
23	Wide-Gamut Biomimetic Structural Colors from Interference-Assisted Two-Photon Polymerization. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 60648-60659.	4.0	9
24	Controlled Microstructural Architectures Based on Smart Fabrication Strategies. <i>Advanced Functional Materials</i> , 2020, 30, 1901760.	7.8	36
25	3D-printed cellular tips for tuning fork atomic force microscopy in shear mode. <i>Nature Communications</i> , 2020, 11, 5732.	5.8	8
26	3D Bioinspired Microstructures for Switchable Repellency in both Air and Liquid. <i>Advanced Science</i> , 2020, 7, 2000878.	5.6	17
27	Study on Development of Composite Hydrogels With Tunable Structures and Properties for Tumor-on-a-Chip Research. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 611796.	2.0	9
28	Reconfigurable Surface with Photodefinable Physicochemical Properties for User-Designable Cell Scaffolds. <i>ACS Applied Bio Materials</i> , 2020, 3, 2230-2238.	2.3	1
29	A Polydopamine-Functionalized Carbon Microfibrous Scaffold Accelerates the Development of Neural Stem Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 616.	2.0	13
30	Dual-Mode Wearable Strain Sensor Based on Graphene/Colloidal Crystal Films for Simultaneously Detection of Subtle and Large Human Motions. <i>Advanced Materials Technologies</i> , 2020, 5, 1901056.	3.0	23
31	Photo-responsive photonic hydrogel: <i>in situ</i> manipulation and monitoring of cell scaffold stiffness. <i>Materials Horizons</i> , 2020, 7, 2944-2950.	6.4	28
32	Polydopamine: UV-Triggered Polydopamine Secondary Modification: Fast Deposition and Removal of Metal Nanoparticles ( <i>Adv. Funct. Mater.</i> 34/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970233.	7.8	0
33	TeraVR empowers precise reconstruction of complete 3-D neuronal morphology in the whole brain. <i>Nature Communications</i> , 2019, 10, 3474.	5.8	64
34	Recognition of Emotional States using Multiscale Information Analysis of High Frequency EEG Oscillations. <i>Entropy</i> , 2019, 21, 609.	1.1	28
35	Programmable Liquid Adhesion on Bio-Inspired Re-Entrant Structures. <i>Small</i> , 2019, 15, e1902360.	5.2	31
36	Multiresponsive Elastic Colloidal Crystals for Reversible Structural Color Patterns. <i>Advanced Functional Materials</i> , 2019, 29, 1902954.	7.8	100

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37	Multiresponsive Nanoparticles: Multiresponsive Elastic Colloidal Crystals for Reversible Structural Color Patterns (Adv. Funct. Mater. 39/2019). Advanced Functional Materials, 2019, 29, 1970271.	7.8	2
38	Biomimetic Meta-Structured Electro-Microfluidics. Advanced Functional Materials, 2019, 29, 1906745.	7.8	21
39	Blu-Ray Discs as Universal Biochip Substrates: Lithography-Free Surface Activation and Assay Patterning. ACS Applied Materials & Interfaces, 2019, 11, 37330-37337.	4.0	4
40	UV-Triggered Polydopamine Secondary Modification: Fast Deposition and Removal of Metal Nanoparticles. Advanced Functional Materials, 2019, 29, 1901875.	7.8	40
41	Flourishing Smart Flexible Membranes Beyond Paper. Analytical Chemistry, 2019, 91, 4224-4234.	3.2	13
42	Fast Strategy to Functional Paper Surfaces. ACS Applied Materials & Interfaces, 2019, 11, 14445-14456.	4.0	23
43	Wearable eye health monitoring sensors based on peacock tail-inspired inverse opal carbon. Sensors and Actuators B: Chemical, 2019, 288, 734-741.	4.0	43
44	Advances of Microfluidics in Biomedical Engineering. Advanced Materials Technologies, 2019, 4, 1800663.	3.0	53
45	Bioinspired transfer method for the patterning of multiple nanomaterials. RSC Advances, 2019, 9, 4351-4360.	1.7	2
46	Self-assembled colloidal arrays for structural color. Nanoscale Advances, 2019, 1, 1672-1685.	2.2	62
47	Electro-Microfluidics: Biomimetic Meta-Structured Electro-Microfluidics (Adv. Funct. Mater. 51/2019). Advanced Functional Materials, 2019, 29, 1970349.	7.8	2
48	Piezoelectric-Driven Self-Powered Patterned Electrochromic Supercapacitor for Human Motion Energy Harvesting. ACS Sustainable Chemistry and Engineering, 2019, 7, 1745-1752.	3.2	73
49	Gecko-Inspired Paper Artificial Skin for Intimate Skin Contact and Multisensing. Advanced Materials Technologies, 2019, 4, 1800392.	3.0	30
50	Wearable Biosensors: Disposable <i>Morpho menelaus</i> Based Flexible Microfluidic and Electronic Sensor for the Diagnosis of Neurodegenerative Disease (Adv. Healthcare Mater. 5/2018). Advanced Healthcare Materials, 2018, 7, 1870025.	3.9	3
51	Recent advances in merging photonic crystals and plasmonics for bioanalytical applications. Analyst, The, 2018, 143, 2448-2458.	1.7	17
52	3D Printing of Bioinspired Liquid Superrepellent Structures. Advanced Materials, 2018, 30, e1800103.	11.1	135
53	Quantitative and ultrasensitive detection of multiplex cardiac biomarkers in lateral flow assay with core-shell SERS nanotags. Biosensors and Bioelectronics, 2018, 106, 204-211.	5.3	248
54	Disposable <i>Morpho menelaus</i> Based Flexible Microfluidic and Electronic Sensor for the Diagnosis of Neurodegenerative Disease. Advanced Healthcare Materials, 2018, 7, 1701306.	3.9	28

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55	Bio-inspired robust non-iridescent structural color with self-adhesive amorphous colloidal particle arrays. <i>Nanoscale</i> , 2018, 10, 3673-3679.	2.8	87
56	Multiplex Analysis on a Single Porous Hydrogel Bead with Encoded SERS Nanotags. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 21-26.	4.0	48
57	A multifunctional wearable sensor based on a graphene/inverse opal cellulose film for simultaneous, <i>in situ</i> monitoring of human motion and sweat. <i>Nanoscale</i> , 2018, 10, 2090-2098.	2.8	130
58	Bioinspired Kirigami Fish-Based Highly Stretched Wearable Biosensor for Human Biochemical Physiological Hybrid Monitoring. <i>Advanced Materials Technologies</i> , 2018, 3, 1700308.	3.0	69
59	Single-Step Fabrication of High-Throughput Surface-Enhanced Raman Scattering Substrates. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 4222-4232.	4.0	8
60	Recent biomedical applications of bio-sourced materials. <i>Bio-Design and Manufacturing</i> , 2018, 1, 26-44.	3.9	13
61	3D computer-aided nanoprinting for solid-state nanopores. <i>Nanoscale Horizons</i> , 2018, 3, 312-316.	4.1	10
62	Multifunctional Wearable Sensing Devices Based on Functionalized Graphene Films for Simultaneous Monitoring of Physiological Signals and Volatile Organic Compound Biomarkers. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 11785-11793.	4.0	85
63	Designs of Biomaterials and Microenvironments for Neuroengineering. <i>Neural Plasticity</i> , 2018, 2018, 1-10.	1.0	18
64	3D Printed Asymmetric Nanoprobe for Plasmonic Nanofocusing under Internal Illumination. <i>ACS Photonics</i> , 2018, 5, 4872-4879.	3.2	5
65	Hepatocyte Aggregate Formation on Chitin-Based Anisotropic Microstructures of Butterfly Wings. <i>Biomimetics</i> , 2018, 3, 2.	1.5	7
66	Generating Microdroplet Array on Photonic Pseudo-paper for Absolute Quantification of Nucleic Acids. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 39144-39150.	4.0	34
67	Quantitative detection of multiplex cardiac biomarkers with encoded SERS nanotags on a single T line in lateral flow assay. <i>Sensors and Actuators B: Chemical</i> , 2018, 277, 502-509.	4.0	87
68	Large-scale high-numerical-aperture super-oscillatory lens fabricated by direct laser writing lithography. <i>RSC Advances</i> , 2018, 8, 20117-20123.	1.7	22
69	Liquid Superrepellents: 3D Printing of Bioinspired Liquid Superrepellent Structures (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT /Qverlock 10	11.1	5
70	Fabrication of Bioinspired Hierarchical Functional Structures by Using Honeycomb Films as Templates. <i>Advanced Functional Materials</i> , 2018, 28, 1803194.	7.8	28
71	Robust, Highly Visible, and Facile Bioconjugation Colloidal Crystal Beads for Bioassay. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 29378-29384.	4.0	17
72	Morphology, Migration, and Transcriptome Analysis of Schwann Cell Culture on Butterfly Wings with Different Surface Architectures. <i>ACS Nano</i> , 2018, 12, 9660-9668.	7.3	32

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73	Reparable Superhydrophobic Surface with Hidden Reactivity, Its Photofunctionalization and Photopatterning. <i>Advanced Functional Materials</i> , 2018, 28, 1803765.	7.8	31
74	Bioinspired Multifunctional Spindle-Knotted Microfibers from Microfluidics. <i>Small</i> , 2017, 13, 1600286.	5.2	101
75	Using Transmissive Photonic Band Edge Shift to Detect Explosives: A Study with 2,4,6-Trinitrotoluene (TNT). <i>ACS Photonics</i> , 2017, 4, 384-395.	3.2	8
76	Structural Color Patterns by Electrohydrodynamic Jet Printed Photonic Crystals. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 11933-11941.	4.0	60
77	Composite core-shell microparticles from microfluidics for synergistic drug delivery. <i>Science China Materials</i> , 2017, 60, 543-553.	3.5	74
78	Bioinspired Helical Microfibers from Microfluidics. <i>Advanced Materials</i> , 2017, 29, 1605765.	11.1	222
79	Patterned Photonic Nitrocellulose for Pseudopaper ELISA. <i>Analytical Chemistry</i> , 2017, 89, 7727-7733.	3.2	45
80	Bio-inspired self-healing structural color hydrogel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5900-5905.	3.3	248
81	Discrimination of Nosiheptide Sources with Plasmonic Filters. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 13049-13055.	4.0	4
82	Enzymatic Inverse Opal Hydrogel Particles for Biocatalyst. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 12914-12918.	4.0	65
83	Bioinspired Heterogeneous Structural Color Stripes from Capillaries. <i>Advanced Materials</i> , 2017, 29, 1704569.	11.1	123
84	Transpiration-Inspired Fabrication of Opal Capillary with Multiple Heterostructures for Multiplex Aptamer-Based Fluorescent Assays. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 32577-32582.	4.0	19
85	Vertical Paper Analytical Devices Fabricated Using the Principles of Quilling and Kirigami. <i>Scientific Reports</i> , 2017, 7, 7255.	1.6	15
86	Ultrasensitive Detection of Protein with Wide Linear Dynamic Range Based on Core-Shell SERS Nanotags and Photonic Crystal Beads. <i>ACS Sensors</i> , 2017, 2, 1035-1043.	4.0	63
87	Chitin-Based Anisotropic Nanostructures of Butterfly Wings for Regulating Cells Orientation. <i>Polymers</i> , 2017, 9, 386.	2.0	18
88	Bioinspired shape-memory graphene film with tunable wettability. <i>Science Advances</i> , 2017, 3, e1700004.	4.7	210
89	Cells Cultured on Core-Shell Photonic Crystal Barcodes for Drug Screening. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 13840-13848.	4.0	102
90	Patterned Photonic Nitrocellulose for Pseudo-Paper Microfluidics. <i>Analytical Chemistry</i> , 2016, 88, 5424-5429.	3.2	64

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91	Synthesis of wrinkled graphene hybrids for enhanced visible-light photocatalytic activities. RSC Advances, 2016, 6, 45617-45623.	1.7	6
92	Multiplex bioassays encoded by photonic crystal beads and SERS nanotags. Nanoscale, 2016, 8, 17465-17471.	2.8	27
93	Tunable Structural Color Surfaces with Visually Self-Reporting Wettability. Advanced Functional Materials, 2016, 26, 7937-7942.	7.8	109
94	Rapid identification of electricigens via silver-plated photonic crystal filters. Nano Research, 2016, 9, 2760-2771.	5.8	6
95	Hyperspectral imaging analysis of a photonic crystal bead array for multiplex bioassays. Analyst, The, 2016, 141, 6549-6556.	1.7	3
96	Tubular inverse opal scaffolds for biomimetic vessels. Nanoscale, 2016, 8, 13574-13580.	2.8	28
97	Structural color materials in evolution. Materials Today, 2016, 19, 420-421.	8.3	46
98	Organ-on-a-Chip Systems: Microengineering to Biomimic Living Systems. Small, 2016, 12, 2253-2282.	5.2	245
99	Boronate affinity molecularly imprinted inverse opal particles for multiple label-free bioassays. Chemical Communications, 2016, 52, 3296-3299.	2.2	53
100	A photonic crystal hydrogel suspension array for the capture of blood cells from whole blood. Nanoscale, 2016, 8, 3841-3847.	2.8	44
101	Controlled Fabrication of Bioactive Microfibers for Creating Tissue Constructs Using Microfluidic Techniques. ACS Applied Materials & Interfaces, 2016, 8, 1080-1086.	4.0	119
102	An exothermic chip for point-of-care testing using a forehead thermometer as a readout. Lab on A Chip, 2016, 16, 525-531.	3.1	30
103	Osmotic pressure-triggered cavitation in microcapsules. Lab on A Chip, 2016, 16, 251-255.	3.1	29
104	Free-Standing Photonic Crystal Films with Gradient Structural Colors. ACS Applied Materials & Interfaces, 2016, 8, 6796-6801.	4.0	62
105	Oil Absorption: Microfluidic Generation of Porous Particles Encapsulating Spongy Graphene for Oil Absorption (Small 32/2015). Small, 2015, 11, 3842-3842.	5.2	0
106	Carbon Inverse Opal Rods for Nonenzymatic Cholesterol Detection. Small, 2015, 11, 5766-5770.	5.2	27
107	Photonic Crystal Hydrogel Enhanced Plasmonic Staining for Multiplexed Protein Analysis. Small, 2015, 11, 6036-6043.	5.2	59
108	Non-iridescent structural color pigments from liquid marbles. Journal of Materials Chemistry C, 2015, 3, 6607-6612.	2.7	37

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109	Gold nanoparticle incorporated inverse opal photonic crystal capillaries for optofluidic surface enhanced Raman spectroscopy. <i>Biosensors and Bioelectronics</i> , 2015, 72, 268-274.	5.3	61
110	Microfluidic Generation of Porous Microcarriers for Three-Dimensional Cell Culture. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 27035-27039.	4.0	69
111	Photonic Crystal Microbubbles as Suspension Barcodes. <i>Journal of the American Chemical Society</i> , 2015, 137, 15533-15539.	6.6	117
112	Colorimetric-Based Detection of TNT Explosives Using Functionalized Silica Nanoparticles. <i>Sensors</i> , 2015, 15, 12891-12905.	2.1	26
113	Cell Orientation Gradients on an Inverse Opal Substrate. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 10091-10095.	4.0	31
114	Microfluidic Generation of Porous Particles Encapsulating Spongy Graphene for Oil Absorption. <i>Small</i> , 2015, 11, 3890-3895.	5.2	60
115	Microfluidic Synthesis of Barcode Particles for Multiplex Assays. <i>Small</i> , 2015, 11, 151-174.	5.2	181
116	Self-Assembled Coffee-Ring Colloidal Crystals for Structurally Colored Contact Lenses. <i>Small</i> , 2015, 11, 926-930.	5.2	43
117	Photonic Crystal Encoded Microcarriers for Biomaterial Evaluation. <i>Small</i> , 2014, 10, 88-93.	5.2	62
118	Anisotropic colloidal crystal particles from microfluidics. <i>Journal of Colloid and Interface Science</i> , 2014, 421, 64-70.	5.0	32
119	Photonic Crystal Microcapsules for Label-free Multiplex Detection. <i>Advanced Materials</i> , 2014, 26, 3270-3274.	11.1	140
120	Responsive Colloidal Crystal for Spectrometer Grating. <i>ACS Photonics</i> , 2014, 1, 121-126.	3.2	38
121	Hybrid inverse opals for regulating cell adhesion and orientation. <i>Nanoscale</i> , 2014, 6, 10650-10656.	2.8	33
122	Spherical Colloidal Photonic Crystals. <i>Accounts of Chemical Research</i> , 2014, 47, 3632-3642.	7.6	341
123	Controlling the morphology and optoelectronic properties of graphene hybrid materials by porphyrin interactions. <i>Chemical Communications</i> , 2014, 50, 8951.	2.2	25
124	Bio-Inspired Vapor-Responsive Colloidal Photonic Crystal Patterns by Inkjet Printing. <i>ACS Nano</i> , 2014, 8, 11094-11100.	7.3	275
125	Aptamer-functionalized Barcode Particles for the Capture and Detection of Multiple Types of Circulating Tumor Cells. <i>Advanced Materials</i> , 2014, 26, 7333-7338.	11.1	166
126	Image Decoding of Photonic Crystal Beads Array in the Microfluidic Chip for Multiplex Assays. <i>Scientific Reports</i> , 2014, 4, 6755.	1.6	12



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127	Tailoring Colloidal Photonic Crystals with Wide Viewing Angles. <i>Small</i> , 2013, 9, 2266-2271.	5.2	107
128	Photonic crystal for gas sensing. <i>Journal of Materials Chemistry C</i> , 2013, 1, 6087.	2.7	134
129	Microfluidic generation of magnetoresponse Janus photonic crystal particles. <i>Nanoscale</i> , 2013, 5, 9553.	2.8	96
130	In situ synthesis of gold nanoparticles (AuNPs) in butterfly wings for surface enhanced Raman spectroscopy (SERS). <i>Journal of Materials Chemistry B</i> , 2013, 1, 1607.	2.9	76
131	An image identification method for Biochips based on photonic crystal encoded beads. , 2013, , .		0
132	Polypyrrole nanotubes for electrochemically controlled solid-phase extraction of anions and cations. <i>Analytical Methods</i> , 2013, 5, 7066.	1.3	4
133	Preparation of conducting polymer inverse opals and its application as ammonia sensor. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 433, 59-63.	2.3	41
134	Bioinspired Multifunctional Janus Particles for Droplet Manipulation. <i>Journal of the American Chemical Society</i> , 2013, 135, 54-57.	6.6	156
135	Multifunctional photonic crystal barcodes from microfluidics. <i>NPG Asia Materials</i> , 2012, 4, e25-e25.	3.8	125
136	Dual signal glucose reporter based on inverse opal conducting hydrogel films. <i>Soft Matter</i> , 2012, 8, 4911.	1.2	29
137	Bio-inspired variable structural color materials. <i>Chemical Society Reviews</i> , 2012, 41, 3297.	18.7	772
138	Binary Optical Encoding Strategy for Multiplex Assay. <i>Langmuir</i> , 2011, 27, 11722-11728.	1.6	14
139	Advances of multiplex and high throughput biomolecular detection technologies based on encoding microparticles. <i>Science China Chemistry</i> , 2011, 54, 1185.	4.2	11
140	Two-Phase Approach to High-Quality, Oil-Soluble, Near-Infrared-Emitting PbS Quantum Dots by Using Various Water-Soluble Anion Precursors. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2422-2432.	1.0	25
141	Sintering Photonic Beads for Multiplex Biosensing. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 588-594.	0.9	10
142	Quantum-Dot-Tagged Bioresponsive Hydrogel Suspension Array for Multiplex Label-Free DNA Detection. <i>Advanced Functional Materials</i> , 2010, 20, 976-982.	7.8	178
143	Photonic Crystals in Bioassays. <i>Advanced Functional Materials</i> , 2010, 20, 2970-2988.	7.8	237
144	Preparation of Gold Nanoparticle/Graphene Composites with Controlled Weight Contents and Their Application in Biosensors. <i>Journal of Physical Chemistry C</i> , 2010, 114, 1822-1826.	1.5	389

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145	Encoded Porous Beads for Label-Free Multiplex Detection of Tumor Markers. <i>Advanced Materials</i> , 2009, 21, 569-572.	11.1	208
146	A Magnetically Tunable Colloidal Crystal Film for Reflective Display. <i>Macromolecular Rapid Communications</i> , 2009, 30, 1945-1949.	2.0	32
147	Multiplex detection of tumor markers with photonic suspension array. <i>Analytica Chimica Acta</i> , 2009, 633, 103-108.	2.6	72
148	Polypyrrole actuators with inverse opal structures. <i>Journal of Materials Chemistry</i> , 2009, 19, 1653.	6.7	36
149	Encoded Silica Colloidal Crystal Beads as Supports for Potential Multiplex Immunoassay. <i>Analytical Chemistry</i> , 2008, 80, 1598-1605.	3.2	208