

List of Publications by Year in  
Descending Order

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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.

157 papers	8,038 citations	43 h-index	86 g-index
163 ext. papers	9,279 ext. citations	8.5 avg, IF	6.32 L-index

#	Paper	IF	Citations
157	pH-Dominated Selective Imaging of Lipid Droplets and Mitochondria via a Polarity-Reversible Ratiometric Fluorescent Probe.. <i>Analytical Chemistry</i> , <b>2022</b> ,	7.8	3
156	Ultrabright and Highly Polarity-Sensitive NIR-I/NIR-II Fluorophores for the Tracking of Lipid Droplets and Staging of Fatty Liver Disease (Adv. Funct. Mater. 12/2022). <i>Advanced Functional Materials</i> , <b>2022</b> , 32, 2270075	15.6	
155	Effect of Aspect Ratio of Whisker on the Fibrillation of Liquid Crystalline Polymer in Polysulfone Matrix. <i>International Polymer Processing</i> , <b>2022</b> , 22, 166-172	1	
154	Nanoscale Metal-Organic Frameworks as Fluorescence Sensors for Food Safety. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	4
153	Ultrasensitive DNA methyltransferase activity sensing and inhibitor evaluation with highly photostable upconversion nanoparticle transducer. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 169	5.8	0
152	Capillary-Mediated Single-Cell Dispenser. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 10750-10755	7.8	0
151	Hemoglobin coated oxygen storage metal-organic framework as a promising artificial oxygen carrier. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 4002-4005	7.3	0
150	Innovative strategies for enhanced tumor photodynamic therapy. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 7347-7370	7.3	3
149	Recent advances in phosphorus containing noble metal electrocatalysts for direct liquid fuel cells. <i>Nanoscale</i> , <b>2021</b> , 13, 16052-16069	7.7	4
148	Sequential Ensemble-Decision Aliquot Ranking Isolation and Fluorescence Hybridization Identification of Rare Cells from Blood by Using Concentrated Peripheral Blood Mononuclear Cells. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 3196-3201	7.8	4
147	Arsenic trioxide induces expression of BCL-2 expression via NF- $\kappa$ B and p38 MAPK signaling pathways in BEAS-2B cells during apoptosis. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 222, 112531	7	2
146	Effects of feeding frequency during lactation in primiparous sows on reproduction performance and diurnal rhythm of endocrine profiles at the weaning-to-ovulation interval. <i>Biological Rhythm Research</i> , <b>2020</b> , 51, 535-542	0.8	
145	Online Parent-Child Communication and Left-Behind Children's Subjective Well-Being: the Effects of Parent-Child Relationship and Gratitude. <i>Child Indicators Research</i> , <b>2020</b> , 13, 967-980	1.9	3
144	The symbiosis of anaerobic ammonium oxidation bacteria and heterotrophic denitrification bacteria in a size-fractioned single-stage partial nitrification/anammox reactor. <i>Biochemical Engineering Journal</i> , <b>2019</b> , 151, 107353	4.2	17
143	Transcutaneous Ultrasound-Mediated Nonviral Gene Delivery to the Liver in a Porcine Model. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2019</b> , 14, 275-284	6.4	6
142	The PNPLA3 rs738409 C>G variant interacts with changes in body weight over time to aggravate liver steatosis, but reduces the risk of incident type 2 diabetes. <i>Diabetologia</i> , <b>2019</b> , 62, 644-654	10.3	17
141	Evaluation of the Effect of Implants Placed in Preserved Sockets Versus Fresh Sockets on Tissue Preservation and Esthetics: A Meta-analysis and Systematic Review. <i>Journal of Evidence-based Dental Practice</i> , <b>2019</b> , 19, 101336	1.9	5

140	Altered microbiomes distinguish Alzheimer's disease from amnesic mild cognitive impairment and health in a Chinese cohort. <i>Brain, Behavior, and Immunity</i> , <b>2019</b> , 80, 633-643	16.6	151
139	Coexistence of self-reduction from Mn <sup>4+</sup> to Mn <sup>2+</sup> and elastico-mechanoluminescence in diphase KZn(PO <sub>3</sub> ) <sub>3</sub> :Mn <sup>2+</sup> . <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 7096-7103	7.1	26
138	Antibiotics-mediated intestinal microbiome perturbation aggravates tacrolimus-induced glucose disorders in mice. <i>Frontiers of Medicine</i> , <b>2019</b> , 13, 471-481	12	3
137	Synergistic effect of Na and Se on CZTSe solar cells through a soft chemical process. <i>Solar Energy Materials and Solar Cells</i> , <b>2019</b> , 198, 35-43	6.4	14
136	Association of Exposure to Ambient Fine Particulate Matter Constituents With Semen Quality Among Men Attending a Fertility Center in China. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 5957-5965	10.3	27
135	A Fluorescence-Activated Single-Droplet Dispenser for High Accuracy Single-Droplet and Single-Cell Sorting and Dispensing. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 6815-6819	7.8	11
134	Dlg1 Maintains Dendritic Cell Function by Securing Voltage-Gated K Channel Integrity. <i>Journal of Immunology</i> , <b>2019</b> , 202, 3187-3197	5.3	6
133	Reduced dietary nitrogen with a high Lys:CP ratio restricted dietary N excretion without negatively affecting weaned piglets. <i>Animal Nutrition</i> , <b>2019</b> , 5, 115-123	4.8	1
132	Formation of the front-gradient bandgap in the Ag doped CZTSe thin films and solar cells. <i>Journal of Energy Chemistry</i> , <b>2019</b> , 35, 188-196	12	19
131	A visualized investigation on the intellectual structure and evolution of waste printed circuit board research during 2000-2016. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 11336-11341	5.1	9
130	Divergent Mediterranean seawater circulation during Holocene sapropel formation □ Reconstructed using Nd isotopes in fish debris and foraminifera. <i>Earth and Planetary Science Letters</i> , <b>2019</b> , 511, 141-153	5.3	12
129	Light-harvesting metal-organic framework nanoprobe for ratiometric fluorescence energy transfer-based determination of pH values and temperature. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 476	5.8	15
128	The PNPLA3 rs738409 C>G variant influences the association between low skeletal muscle mass and NAFLD: the Shanghai Changfeng Study. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2019</b> , 50, 684-695	6.1	9
127	Isolating Rare Cells and Circulating Tumor Cells with High Purity by Sequential eDAR. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 14605-14610	7.8	6
126	Reversible Photocontrol of Thrombin Activity by Replacing Loops of Thrombin Binding Aptamer using Azobenzene Derivatives. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 231-241	6.3	11
125	Involvement of stromal cell-derived factor-1[SDF-1] stem cell factor (SCF), fractalkine (FKN) and VEGF in TSG protection against intimal hyperplasia in rat balloon injury. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 110, 887-894	7.5	8
124	Gankyrin drives metabolic reprogramming to promote tumorigenesis, metastasis and drug resistance through activating β-catenin/c-Myc signaling in human hepatocellular carcinoma. <i>Cancer Letters</i> , <b>2019</b> , 443, 34-46	9.9	48
123	Association between BMI and semen quality: an observational study of 3966 sperm donors. <i>Human Reproduction</i> , <b>2019</b> , 34, 155-162	5.7	27

122	The effect of dietary supplementation of low crude protein on intestinal morphology in pigs. <i>Research in Veterinary Science</i> , <b>2019</b> , 122, 15-21	2.5	5
121	Arbuscular mycorrhizal fungi and the associated bacterial community influence the uptake of cadmium in rice. <i>Geoderma</i> , <b>2019</b> , 337, 749-757	6.7	43
120	Is differences in embryo morphokinetic development significantly associated with human embryo sex? <i>Biology of Reproduction</i> , <b>2019</b> , 100, 618-623	3.9	11
119	SAMHD1 Suppression of Antiviral Immune Responses. <i>Trends in Microbiology</i> , <b>2019</b> , 27, 254-267	12.4	15
118	Emodin attenuates cell injury and inflammation in pancreatic acinar AR42J cells. <i>Journal of Asian Natural Products Research</i> , <b>2019</b> , 21, 186-195	1.5	9
117	Point-of-Care Identification of Bacteria Using Protein-Encapsulated Gold Nanoclusters. <i>Advanced Healthcare Materials</i> , <b>2018</b> , 7, e1701370	10.1	30
116	Improve regional distribution and source apportionment of PM trace elements in China using inventory-observation constrained emission factors. <i>Science of the Total Environment</i> , <b>2018</b> , 624, 355-365	10.2	21
115	Oroxylin A inhibits ethanol-induced hepatocyte senescence via YAP pathway. <i>Cell Proliferation</i> , <b>2018</b> , 51, e12431	7.9	26
114	SAMHD1 suppresses innate immune responses to viral infections and inflammatory stimuli by inhibiting the NF- $\kappa$ B and interferon pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E3798-E3807	11.5	52
113	Diversity-generating retroelements: natural variation, classification and evolution inferred from a large-scale genomic survey. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 11-24	20.1	35
112	Ligand Activation of PPAR $\gamma$ by Ligustrazine Suppresses Pericyte Functions of Hepatic Stellate Cells via SMRT-Mediated Transrepression of HIF-1 $\beta$ . <i>Theranostics</i> , <b>2018</b> , 8, 610-626	12.1	36
111	A Self-Digitization Dielectrophoretic (SD-DEP) Chip for High-Efficiency Single-Cell Capture, On-Demand Compartmentalization, and Downstream Nucleic Acid Analysis. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 11548-11553	3.6	9
110	A Self-Digitization Dielectrophoretic (SD-DEP) Chip for High-Efficiency Single-Cell Capture, On-Demand Compartmentalization, and Downstream Nucleic Acid Analysis. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 11378-11383	16.4	21
109	Analysis of the structure and abnormal photoluminescence of a red-emitting LiMgBO:Mn phosphor. <i>Dalton Transactions</i> , <b>2018</b> , 47, 13094-13105	4.3	12
108	Ratiometric Barcoding for Mass Cytometry. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 10688-10694	7.8	6
107	Bioinspired Ultra-Low Adhesive Energy Interface for Continuous 3D Printing: Reducing Curing Induced Adhesion. <i>Research</i> , <b>2018</b> , 2018, 4795604	7.8	28
106	Improved Sp1 and Betaine Homocysteine-S-Methyltransferase Expression and Homocysteine Clearance Are Involved in the Effects of Zinc on Oxidative Stress in High-Fat-Diet-Pretreated Mice. <i>Biological Trace Element Research</i> , <b>2018</b> , 184, 436-441	4.5	6
105	SD-chip enabled quantitative detection of HIV RNA using digital nucleic acid sequence-based amplification (dNASBA). <i>Lab on A Chip</i> , <b>2018</b> , 18, 3501-3506	7.2	20

104	Chlorogenic acid methyl ester exerts strong anti-inflammatory effects via inhibiting the COX-2/NLRP3/NF- $\kappa$ B pathway. <i>Food and Function</i> , <b>2018</b> , 9, 6155-6164	6.1	25
103	SAMHD1 inhibits epithelial cell transformation in vitro and affects leukemia development in xenograft mice. <i>Cell Cycle</i> , <b>2018</b> , 17, 2564-2576	4.7	3
102	Vitamin D level affects IVF outcome partially mediated via Th/Tc cell ratio. <i>American Journal of Reproductive Immunology</i> , <b>2018</b> , 80, e13050	3.8	5
101	Improving the Photostability of Semiconducting Polymer Dots Using Buffers. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 11785-11790	7.8	3
100	Accurate annotation of accessible chromatin in mouse and human primordial germ cells. <i>Cell Research</i> , <b>2018</b> , 28, 1077-1089	24.7	8
99	Long-term safety, health and mental status in men with vasectomy. <i>Scientific Reports</i> , <b>2018</b> , 8, 15703	4.9	1
98	Canonical hedgehog signalling regulates hepatic stellate cell-mediated angiogenesis in liver fibrosis. <i>British Journal of Pharmacology</i> , <b>2017</b> , 174, 409-423	8.6	47
97	Investigation on relationships between chemical spectrum and bioeffect of prepared rhubarb decoction in rats by UPLC-ESI-Q-TOF-MS method coupled with gray correlation analysis. <i>Journal of Functional Foods</i> , <b>2017</b> , 31, 104-112	5.1	16
96	Domains of quality of life affecting elderly patients with hand osteoarthritis: a qualitative study in the Asian perspective. <i>International Journal of Rheumatic Diseases</i> , <b>2017</b> , 20, 1105-1119	2.3	9
95	Single-Drop Solution Electrode Discharge-Induced Cold Vapor Generation Coupling to Matrix Solid-Phase Dispersion: A Robust Approach for Sensitive Quantification of Total Mercury Distribution in Fish. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 2093-2100	7.8	33
94	Low-dose prednisone and immunoglobulin G treatment for woman at risk for neonatal alloimmune thrombocytopenia and T helper 1 immunity. <i>American Journal of Reproductive Immunology</i> , <b>2017</b> , 77, e12649	3.8	3
93	Hepatic stellate cell interferes with NK cell regulation of fibrogenesis via curcumin induced senescence of hepatic stellate cell. <i>Cellular Signalling</i> , <b>2017</b> , 33, 79-85	4.9	27
92	Photostable Ratiometric Pdot Probe for in Vitro and in Vivo Imaging of Hypochlorous Acid. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 6911-6918	16.4	226
91	Genome-wide association study identifies four SNPs associated with response to platinum-based neoadjuvant chemotherapy for cervical cancer. <i>Scientific Reports</i> , <b>2017</b> , 7, 41103	4.9	11
90	Paroxetine alleviates T lymphocyte activation and infiltration to joints of collagen-induced arthritis. <i>Scientific Reports</i> , <b>2017</b> , 7, 45364	4.9	23
89	A graphene-based chemical nose/tongue approach for the identification of normal, cancerous and circulating tumor cells. <i>NPG Asia Materials</i> , <b>2017</b> , 9, e356-e356	10.3	43
88	Lanthanide-Coordinated Semiconducting Polymer Dots Used for Flow Cytometry and Mass Cytometry. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 15104-15108	3.6	3
87	Diallyl Trisulfide Suppresses Oxidative Stress-Induced Activation of Hepatic Stellate Cells through Production of Hydrogen Sulfide. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2017</b> , 2017, 1406726	6.7	22

86	Lanthanide-Coordinated Semiconducting Polymer Dots Used for Flow Cytometry and Mass Cytometry. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 14908-14912	16.4	26
85	Inverse Association between Ambient Sulfur Dioxide Exposure and Semen Quality in Wuhan, China. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 12806-12814	10.3	20
84	Novel electrochemiluminescence of silver nanoclusters fabricated on triplex DNA scaffolds for label-free detection of biothiols. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 98, 378-385	11.8	37
83	Association between ambient particulate matter exposure and semen quality in Wuhan, China. <i>Environment International</i> , <b>2017</b> , 98, 219-228	12.9	54
82	Highly photostable wide-dynamic-range pH sensitive semiconducting polymer dots enabled by dendronizing the near-IR emitters. <i>Chemical Science</i> , <b>2017</b> , 8, 7236-7245	9.4	33
81	Low-protein diets affect ileal amino acid digestibility and gene expression of digestive enzymes in growing and finishing pigs. <i>Amino Acids</i> , <b>2016</b> , 48, 21-30	3.5	51
80	Label-free ratiometric electrochemical detection of the mutated apolipoprotein E gene associated with Alzheimer's disease. <i>Chemical Communications</i> , <b>2016</b> , 52, 12080-12083	5.8	43
79	Nosocomial outbreak of KPC-2- and NDM-1-producing <i>Klebsiella pneumoniae</i> in a neonatal ward: a retrospective study. <i>BMC Infectious Diseases</i> , <b>2016</b> , 16, 563	4	35
78	IL-7/IL-7R signaling pathway might play a role in recurrent pregnancy losses by increasing inflammatory Th17 cells and decreasing Treg cells. <i>American Journal of Reproductive Immunology</i> , <b>2016</b> , 76, 454-464	3.8	24
77	Copper (II)-doped semiconducting polymer dots for nitroxyl imaging in live cells. <i>RSC Advances</i> , <b>2016</b> , 6, 103618-103621	3.7	8
76	Effects of dietary protein restriction on muscle fiber characteristics and mTORC1 pathway in the skeletal muscle of growing-finishing pigs. <i>Journal of Animal Science and Biotechnology</i> , <b>2016</b> , 7, 47	6	22
75	The Detection of the Boulders in Metro Tunneling in Granite Strata Using a Shield Tunneling Method and a New Method of Coping with Boulders. <i>Geotechnical and Geological Engineering</i> , <b>2016</b> , 34, 1155-1169	1.5	11
74	Dihydroartemisinin prevents liver fibrosis in bile duct ligated rats by inducing hepatic stellate cell apoptosis through modulating the PI3K/Akt pathway. <i>IUBMB Life</i> , <b>2016</b> , 68, 220-31	4.7	28
73	Atomistic studies of shock-induced phase transformations in single crystal iron with cylindrical nanopores. <i>Computational Materials Science</i> , <b>2016</b> , 122, 1-10	3.2	16
72	Simulation Study of Al-1Mn/Al-10Si Circular Clad Ingots Prepared by Direct Chill Casting. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , <b>2016</b> , 47, 89-98	2.5	2
71	Crystal Structure of High-Temperature Phase $\beta$ -NaSrBO <sub>3</sub> and Photoluminescence of $\beta$ -NaSrBO <sub>3</sub> :Ce(3+). <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 6487-95	5.1	21
70	Activation of Fas death receptor pathway and Bid in hepatocytes is involved in saikosaponin D induction of hepatotoxicity. <i>Environmental Toxicology and Pharmacology</i> , <b>2016</b> , 41, 8-13	5.8	22
69	Ligustrazine disrupts lipopolysaccharide-activated NLRP3 inflammasome pathway associated with inhibition of Toll-like receptor 4 in hepatocytes. <i>Biomedicine and Pharmacotherapy</i> , <b>2016</b> , 78, 204-209	7.5	15



68	Dietary supplementation with L-glutamate and L-aspartate alleviates oxidative stress in weaned piglets challenged with hydrogen peroxide. <i>Amino Acids</i> , <b>2016</b> , 48, 53-64	3.5	57
67	Curcumin raises lipid content by Wnt pathway in hepatic stellate cell. <i>Journal of Surgical Research</i> , <b>2016</b> , 200, 460-6	2.5	13
66	Validation and Application of an Ultra High-Performance Liquid Chromatography Tandem Mass Spectrometry Method for Yuanhuacine Determination in Rat Plasma after Pulmonary Administration: Pharmacokinetic Evaluation of a New Drug Delivery System. <i>Molecules</i> , <b>2016</b> , 21,	4.8	2
65	Development and validation of a surgical-pathologic staging and scoring system for cervical cancer. <i>Oncotarget</i> , <b>2016</b> , 7, 21054-63	3.3	6
64	Role of reservoir construction in regional land use change in Pengxi River basin upstream of the Three Gorges Reservoir in China. <i>Environmental Earth Sciences</i> , <b>2016</b> , 75, 1	2.9	11
63	Curcumin inhibits aerobic glycolysis in hepatic stellate cells associated with activation of adenosine monophosphate-activated protein kinase. <i>IUBMB Life</i> , <b>2016</b> , 68, 589-96	4.7	25
62	Dihydroartemisinin alleviates bile duct ligation-induced liver fibrosis and hepatic stellate cell activation by interfering with the PDGF-R/ERK signaling pathway. <i>International Immunopharmacology</i> , <b>2016</b> , 34, 250-258	5.8	32
61	Growth of Cu <sub>2</sub> ZnSnSe <sub>4</sub> Film under Controllable Se Vapor Composition and Impact of Low Cu Content on Solar Cell Efficiency. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 10283-92	9.5	50
60	Humoral and cellular autoimmunity in women with recurrent pregnancy losses and repeated implantation failures: A possible role of vitamin D. <i>Autoimmunity Reviews</i> , <b>2016</b> , 15, 943-7	13.6	41
59	The update on transcriptional regulation of autophagy in normal and pathologic cells: A novel therapeutic target. <i>Biomedicine and Pharmacotherapy</i> , <b>2015</b> , 74, 17-29	7.5	16
58	Three Birds with One Fe <sub>3</sub> O <sub>4</sub> Nanoparticle: Integration of Microwave Digestion, Solid Phase Extraction, and Magnetic Separation for Sensitive Determination of Arsenic and Antimony in Fish. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 5866-71	7.8	42
57	Cancer biomarker detection: recent achievements and challenges. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 2963-97	58.5	633
56	Electrically pulsatile responsive drug delivery platform for treatment of Alzheimer's disease. <i>Nano Research</i> , <b>2015</b> , 8, 2400-2414	10	29
55	Modeling dry and wet deposition of sulfate, nitrate, and ammonium ions in Jiuzhaigou National Nature Reserve, China using a source-oriented CMAQ model: Part II. Emission sector and source region contributions. <i>Science of the Total Environment</i> , <b>2015</b> , 532, 840-8	10.2	8
54	Growth performance, serum biochemical profile, jejunal morphology, and the expression of nutrients transporter genes in deoxynivalenol (DON)- challenged growing pigs. <i>BMC Veterinary Research</i> , <b>2015</b> , 11, 144	2.7	53
53	Paroxysmal kinesigenic dyskinesia: Clinical and genetic analyses of 110 patients. <i>Neurology</i> , <b>2015</b> , 85, 1546-53	6.5	52
52	Ligustrazine prevents alcohol-induced liver injury by attenuating hepatic steatosis and oxidative stress. <i>International Immunopharmacology</i> , <b>2015</b> , 29, 613-621	5.8	29
51	Curcumin inhibits cobalt chloride-induced epithelial-to-mesenchymal transition associated with interference with TGF- $\beta$ /Smad signaling in hepatocytes. <i>Laboratory Investigation</i> , <b>2015</b> , 95, 1234-45	5.9	36

50	Source contributions and regional transport of primary particulate matter in China. <i>Environmental Pollution</i> , <b>2015</b> , 207, 31-42	9.3	106
49	Tetramethylpyrazine prevents ethanol-induced hepatocyte injury via activation of nuclear factor erythroid 2-related factor 2. <i>Life Sciences</i> , <b>2015</b> , 141, 119-27	6.8	24
48	A fluorescent probe for detection of an intracellular prognostic indicator in early-stage cancer. <i>Chemical Communications</i> , <b>2015</b> , 51, 1479-82	5.8	10
47	G-quartet-based nanostructure for mimicking light-harvesting antenna. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 892-6	16.4	45
46	Positional assembly of hemin and gold nanoparticles in graphene-mesoporous silica nanohybrids for tandem catalysis. <i>Chemical Science</i> , <b>2015</b> , 6, 1272-1276	9.4	63
45	G-Quartet-Based Nanostructure for Mimicking Light-Harvesting Antenna. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 906-910	3.6	9
44	Curcumin attenuates ethanol-induced hepatic steatosis through modulating Nrf2/FXR signaling in hepatocytes. <i>IUBMB Life</i> , <b>2015</b> , 67, 645-58	4.7	61
43	Modeling dry and wet deposition of sulfate, nitrate, and ammonium ions in Jiuzhaigou National Nature Reserve, China using a source-oriented CMAQ model: Part I. Base case model results. <i>Science of the Total Environment</i> , <b>2015</b> , 532, 831-9	10.2	33
42	Non-enzymatic-browning-reaction: a versatile route for production of nitrogen-doped carbon dots with tunable multicolor luminescent display. <i>Scientific Reports</i> , <b>2014</b> , 4, 3564	4.9	175
41	Label-free electrochemiluminescent enantioselective sensor for distinguishing between chiral metallosupramolecular complexes. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 11675-9	4.8	6
40	Artificial Light-Harvesting Material Based on Self-Assembly of Coordination Polymer Nanoparticles. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 4549-4555	15.6	47
39	Ultrasensitive Telomerase Activity Detection in Circulating Tumor Cells Based on DNA Metallization and Sharp Solid-State Electrochemical Techniques. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 2727-2733	15.6	57
38	Nucleoside Triphosphates as Promoters to Enhance Nanoceria Enzyme-like Activity and for Single-Nucleotide Polymorphism Typing. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 1624-1630	15.6	88
37	Visual detection of telomerase activity with a tunable dynamic range by using a gold nanoparticle probe-based hybridization protection strategy. <i>Nanoscale</i> , <b>2014</b> , 6, 1661-6	7.7	61
36	Artificial evolution of graphene oxide chemzyme with enantioselectivity and near-infrared photothermal effect for cascade biocatalysis reactions. <i>Small</i> , <b>2014</b> , 10, 1841-7	11	33
35	Target-responsive DNA-capped nanocontainer used for fabricating universal detector and performing logic operations. <i>Nucleic Acids Research</i> , <b>2014</b> , 42,	20.1	15
34	Reduced graphene oxide upconversion nanoparticle hybrid for electrochemiluminescent sensing of a prognostic indicator in early-stage cancer. <i>Small</i> , <b>2014</b> , 10, 330-6	11	53
33	Graphene-mesoporous silica-dispersed palladium nanoparticles-based probe carrier platform for electrocatalytic sensing of telomerase activity at less than single-cell level. <i>Advanced Healthcare Materials</i> , <b>2014</b> , 3, 588-95	10.1	14



32	Functional reactivation of photosystem II in lichen soil crusts after long-term desiccation. <i>Plant and Soil</i> , <b>2013</b> , 369, 177-186	4.2	21
31	Enzyme-directed pH-responsive exfoliation and dispersion of graphene and its decoration by gold nanoparticles for use as a hybrid catalyst. <i>Nano Research</i> , <b>2013</b> , 6, 693-702	10	15
30	Highly photoluminescent amino-functionalized graphene quantum dots used for sensing copper ions. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 13362-8	4.8	187
29	Highly sensitive electrochemiluminescent cytosensing using carbon nanodot@Ag hybrid material and graphene for dual signal amplification. <i>Chemical Communications</i> , <b>2013</b> , 49, 5675-7	5.8	96
28	A Pt-nanoparticle electrocatalytic assay used for PCR-free sensitive telomerase detection. <i>Chemical Communications</i> , <b>2013</b> , 49, 9986-8	5.8	29
27	Improvement of photoluminescence of graphene quantum dots with a biocompatible photochemical reduction pathway and its bioimaging application. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 1174-9	9.5	202
26	New horizons for diagnostics and therapeutic applications of graphene and graphene oxide. <i>Advanced Materials</i> , <b>2013</b> , 25, 168-86	24	494
25	Nanoceria-triggered synergetic drug release based on CeO(2) -capped mesoporous silica host-guest interactions and switchable enzymatic activity and cellular effects of CeO(2). <i>Advanced Healthcare Materials</i> , <b>2013</b> , 2, 1591-9	10.1	145
24	Self-assembled peptide-polyoxometalate hybrid nanospheres: two in one enhances targeted inhibition of amyloid peptide aggregation associated with Alzheimer's disease. <i>Small</i> , <b>2013</b> , 9, 3455-61	11	76
23	A general approach using spiroborate reversible cross-linked Au nanoparticles for visual high-throughput screening of chiral vicinal diols. <i>Chemical Science</i> , <b>2013</b> , 4, 1156	9.4	23
22	Recent advances in graphene quantum dots for sensing. <i>Materials Today</i> , <b>2013</b> , 16, 433-442	21.8	552
21	Targeting human telomeric higher-order DNA: dimeric G-quadruplex units serve as preferred binding site. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 18786-9	16.4	106
20	Electrochemical detection of dopamine using porphyrin-functionalized graphene. <i>Biosensors and Bioelectronics</i> , <b>2012</b> , 34, 57-62	11.8	228
19	Detection of a prognostic indicator in early-stage cancer using functionalized graphene-based peptide sensors. <i>Advanced Materials</i> , <b>2012</b> , 24, 125-31	24	126
18	Facile in situ fabrication of graphene-upconversion hybrid materials with amplified electrogenerated chemiluminescence. <i>Nanoscale</i> , <b>2012</b> , 4, 400-4	7.7	33
17	Insights into the biomedical effects of carboxylated single-wall carbon nanotubes on telomerase and telomeres. <i>Nature Communications</i> , <b>2012</b> , 3, 1074	17.4	116
16	Liberation of copper from amyloid plaques: making a risk factor useful for Alzheimer's disease treatment. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 9146-55	8.3	121
15	Visual detection of glucose using conformational switch of i-Motif DNA and non-crosslinking gold nanoparticles. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 12637-42	4.8	39

14	Natural DNA-modified graphene/Pd nanoparticles as highly active catalyst for formic acid electro-oxidation and for the Suzuki reaction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2012</b> , 4, 5001-9	9.5	110
13	Influence of pH on the fluorescence properties of graphene quantum dots using ozonation pre-oxide hydrothermal synthesis. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 25471		166
12	Visualizing human telomerase activity with primer-modified Au nanoparticles. <i>Small</i> , <b>2012</b> , 8, 259-64	11	134
11	Gold-Nanoparticle Sensors: Visualizing Human Telomerase Activity with Primer-Modified Au Nanoparticles (Small 2/2012). <i>Small</i> , <b>2012</b> , 8, 166-166	11	
10	Electrochemical DNA three-way junction based sensor for distinguishing chiral metallo-supramolecular complexes. <i>Chemical Communications</i> , <b>2012</b> , 48, 6900-2	5.8	25
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8	Controlled Drug Release: Mesoporous Silica Nanoparticle-based H <sub>2</sub> O <sub>2</sub> Responsive Controlled-Release System Used for Alzheimer's Disease Treatment (Adv. Healthcare Mater. 3/2012). <i>Advanced Healthcare Materials</i> , <b>2012</b> , 1, 242-242	10.1	
7	Label-free ultrasensitive detection of human telomerase activity using porphyrin-functionalized graphene and electrochemiluminescence technique. <i>Advanced Materials</i> , <b>2012</b> , 24, 2447-52	24	134
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5	Label-free colorimetric and quantitative detection of cancer marker protein using noncrosslinking aggregation of Au/Ag nanoparticles induced by target-specific peptide probe. <i>Biosensors and Bioelectronics</i> , <b>2011</b> , 26, 4804-9	11.8	37
4	Facile detection of mitochondrial DNA mutations in tumors and bodily fluids. <i>Science</i> , <b>2000</b> , 287, 2017-9	33.3	686
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2	Ultrabright and Highly Polarity-Sensitive NIR-I/NIR-II Fluorophores for the Tracking of Lipid Droplets and Staging of Fatty Liver Disease. <i>Advanced Functional Materials</i> , 2109929	15.6	12
1	Conjugated Polymers-based Luminescent Probes for Ratiometric Detection of Biomolecules. <i>Journal of Materials Chemistry B</i> ,	7.3	0