

1	A novel and green method to synthesize CdSe quantum dots-modifiedTiO2and its enhanced visible light photocatalytic activity		Applied Catalysis B: Environmental	0926-3373						
2	Photocatalytic Activity of Novel Ag4V2O7 Photocatalyst under Visible Light Irradiation		J. Am. Ceram. Soc.	0002-7820						
3	Dispersed Cu2O Octahedrons on h-BN Nanosheets for p-Nitrophenol Reduction.		ACS Applied Materials & Interfaces,	0926-3373						
4	Layered C3N3S3 Polymer/Graphene Hybrids as Metal-free Catalysts for Selective Photocatalytic Oxidation of Benzylic Alcohols under Visible Light,		ACS Catalysis,	2155-5435						
5	Toward Improving the Graphene-Semiconductor Composite Photoactivity via the Addition of Metal Ions as Generic Interfacial Mediator		ACS Nano,	1936-0851						
6	Multifunctional Fe3O4@Polydopamine Core-Shell Nanocomposites for Intracellular mRNA Detection and Imaging-Guided Photothermal Therapy		ACSnano	1936-0851						
7	Enhanced Specificity in Capturing and Restraining Circulating Tumor Cells with Dual Antibody-Dendrimer Conjugates		ADV FUNCT MATER	1616-301X						
8	Nanospherical Carbon Nitride Frameworks with Sharp Edges Accelerating Charge Collection and Separation at a Soft Photocatalytic Interface		Adv. Mater	0935-9648						
9	Iodine Modified Carbon Nitride Semiconductors as Visible Light Photocatalysts for Hydrogen Evolution		Adv. Mater.	0935-9648						

10	Hierarchically CdS Decorated 1D ZnO Nanorods-2D Graphene Hybrids: Low Temperature Synthesis and Enhanced Photocatalytic Performance		Advanced Functional Materials, 2014, Accepted Article ( )/ Wiley	1616-301X						
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12	Helical Graphitic Carbon Nitrides with Photocatalytic and Optical Activities		Angew. Chem. Int. Ed.	1433-7851						
13	Monolayer HNb <sub>3</sub> O <sub>8</sub> for selective photocatalytic oxidation of benzylic alcohols with visible light response		Angew. Chem. Int. Ed.	1433-7851						
14	Enantioselective Synthesis of a Chiral Coordination Polymer with Circularly Polarized Visible Laser		Angew. Chem. Int. Ed.,	1433-7851						
15	J “Insights into the photosensitivity activity of BiOCl under visible light irradiation”		Appl Catal B,	0926-3373						
16	Rapid microwave-assisted syntheses of reduced graphene oxide(RGO/ ZnIn <sub>2</sub> S <sub>4</sub> microspheres as superior noble-metal-free photocatalyst for hydrogen evolutions under visible light		Appl. Catal. B: Environ	0926-3373						
17	MoS <sub>2</sub> as non-noble-metal co-catalyst for photocatalytic hydrogen evolution over hexagonal ZnIn <sub>2</sub> S <sub>4</sub> under visible light irradiations		Appl. Catal. B: Environ.	0926-3373						
18	PdTe <sub>x</sub> /C nanocatalyst with high catalytic activity for ethanol electro-oxidation in alkaline medium		Applied Catalysis B: Environmental,	0926-3373						
19	Au deposited BiOCl with different facets: On determination of the facet-induced transfer preference of charge carriers and the different plasmonic activity		Applied Catalysis B: Environmental	0926-3373						

20	Promoted effect of PANI as electron transfer promoter on CO oxidation over Au/TiO <sub>2</sub> ,		Applied Catalysis B: Environmental	0926-3373						
21	Photocatalytic hydrogen production over carbon nitride loaded with WS <sub>2</sub> as cocatalyst under visible light		Applied Catalysis B: Environmental	0926-3373						
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24	New molecular beacon for p53 gene point mutation and significant potential in serving as the polymerization primer		Biosens Bioelectron,	0956-5663						
25	A novel label-free electrochemical sensor for Hg <sup>2+</sup> based on the catalytic formation of metal nanoparticle		Biosensors and Bioelectronics	0956-5663						
26	Amplified colorimetric detection of mercuric ions through autonomous assembly of G-quadruplex DNAzyme nanowires		Biosensors and Bioelectronics	0956-5663						
27	DNAzyme-functionalized gold-palladium hybrid nanostructures for triple signal amplification of impedimetric immunosensor		Biosensors and Bioelectronics	0956-5663						
28	Graphite-like carbon nitrides as peroxidase mimetics and their applications to glucose detection		Biosensors and Bioelectronics	0956-5663						
29	Highly sensitive fluorescent immunosensor for detection of H1N1 influenza virus based on Ag autocatalysis		Biosensors and Bioelectronics	0956-5663						
30	Rolling circle amplification combined with gold nanoparticles-tag for ultra sensitive and specific quantification of DNA by inductively coupled plasma mass spectrometry		Biosensors and Bioelectronics	0956-5663						
31	Visual detection of blood glucose based on peroxidase-like activity of WS <sub>2</sub> nanosheets		Biosensors and Bioelectronics	0956-5663						
32	Competitive-type displacement reaction for direct potentiometric detection of low-abundance protein		Biosensors and Bioelectronics	0956-5663						

33	Digital multimeter-based immunosensing strategy for sensitive monitoring of biomarker by coupling an external capacitor with an enzymatic catalysis		Biosensors and Bioelectronics	0956-5663						
34	Layer-by-layer multienzyme assembly for highly sensitive electrochemical immunoassay based on tyramine signal amplification strategy		Biosensors and Bioelectronics	0956-5663						
35	Metal sulfide-functionalized DNA concatamer for ultrasensitive electronic monitoring of ATP using a programmable capillary-based aptasensor		Biosensors and Bioelectronics	0956-5663						
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43	Artificial photosynthesis over graphene-semiconductor composites. Are we getting better?		Chemical Society Reviews, 2014, 43, 8240-8254 ( )/	0306-0012						
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54	A bifunctional "Turn On" fluorescent probe for trace level Hg <sup>2+</sup> and EDTA in aqueous solution via chelator promoted cation induced deaggregation signalling		Sens. Actuators B: Chem.	0925-4005						
55	A coordination driven deaggregation approach toward Hg <sup>2+</sup> -specific chemosensors based on thioether linked squaraine-aniline dyads		Sens. Actuators B: Chem.	0925-4005						
56	Magnetic bead based colorimetric detection of mercuric ion		Sensors and Actuators B: Chemical	0925-4005						
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69	A high-resolution colorimetric assay for rapid visual readout of phosphatase activity based on gold/silver core/shell nanorod		ACS Applied Materials & Interfaces	1944-8244						
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73	Encapsulation of Strongly Fluorescent Carbon Quantum Dots in Metal–Organic Frameworks for Enhancing Chemical Sensing		Anal. Chem.	0003-2700						
74	Gold Nanoparticle-Graphite-Like C <sub>3</sub> N <sub>4</sub> Nanosheet Nanohybrids Used for Electrochemiluminescent Immunosensor		Anal. Chem.	0003-2700						
75	Ultrasensitive Electrochemical Biosensor for Detection of DNA from Bacillus subtilis by Coupling Target-Induced Strand Displacement and Nicking Endonuclease Signal Amplification		Anal.Chem	0003-2700						
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105	Rolling circle amplification-based DNA machine for miRNA coupling catalytic hairpin assembly with DNAzyme formation		Chemical Communications	1359-7345						
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