

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.

225
papers

7,079
citations

42
h-index

71
g-index

238
ext. papers

8,034
ext. citations

6.3
avg, IF

6.37
L-index

#	Paper	IF	Citations
225	BSA-templated MnO ₂ nanoparticles as both peroxidase and oxidase mimics. <i>Analyst, The</i> , 2012 , 137, 4552-8	5	284
224	Graphene sheets decorated with SnO ₂ nanoparticles: in situ synthesis and highly efficient materials for cataluminescence gas sensors. <i>Journal of Materials Chemistry</i> , 2011 , 21, 5972		272
223	Carbon nitride quantum dots: a novel chemiluminescence system for selective detection of free chlorine in water. <i>Analytical Chemistry</i> , 2014 , 86, 4528-35	7.8	262
222	Microwave-assisted synthesis of carbon nanodots through an eggshell membrane and their fluorescent application. <i>Analyst, The</i> , 2012 , 137, 5392-7	5	208
221	SiO ₂ /graphene composite for highly selective adsorption of Pb(II) ion. <i>Journal of Colloid and Interface Science</i> , 2012 , 369, 381-7	9.3	207
220	Turn-on persistent luminescence probe based on graphitic carbon nitride for imaging detection of biothiols in biological fluids. <i>Analytical Chemistry</i> , 2013 , 85, 11876-84	7.8	184
219	Well-redispersed ceria nanoparticles: Promising peroxidase mimetics for H ₂ O ₂ and glucose detection. <i>Analytical Methods</i> , 2012 , 4, 3261	3.2	157
218	Highly sensitive immunoassay based on immunogold-silver amplification and inductively coupled plasma mass spectrometric detection. <i>Analytical Chemistry</i> , 2011 , 83, 2330-6	7.8	141
217	Novel Mn ₃ O ₄ Micro-octahedra: Promising Cataluminescence Sensing Material for Acetone. <i>Chemistry of Materials</i> , 2009 , 21, 5066-5071	9.6	118
216	Atomization of hydride with a low-temperature, atmospheric pressure dielectric barrier discharge and its application to arsenic speciation with atomic absorption spectrometry. <i>Analytical Chemistry</i> , 2006 , 78, 865-72	7.8	102
215	Amino-Functionalized Metal-Organic Frameworks Nanoplates-Based Energy Transfer Probe for Highly Selective Fluorescence Detection of Free Chlorine. <i>Analytical Chemistry</i> , 2016 , 88, 3413-20	7.8	101
214	Luminescent ZnO quantum dots for sensitive and selective detection of dopamine. <i>Talanta</i> , 2013 , 107, 133-9	6.2	98
213	An ascorbic acid sensor based on protein-modified Au nanoclusters. <i>Analyst, The</i> , 2013 , 138, 229-33	5	92
212	Temperature and nano-TiO ₂ controlled photochemical vapor generation for inorganic selenium speciation analysis by AFS or ICP-MS without chromatographic separation. <i>Journal of Analytical Atomic Spectrometry</i> , 2008 , 23, 514	3.7	83
211	Metal-organic frameworks (MOFs) combined with ZnO quantum dots as a fluorescent sensing platform for phosphate. <i>Sensors and Actuators B: Chemical</i> , 2014 , 197, 50-57	8.5	82
210	Colorimetric detection of glutathione in human blood serum based on the reduction of oxidized TMB. <i>New Journal of Chemistry</i> , 2013 , 37, 2174	3.6	79
209	Fabrication of Fe ₂ O ₃ /g-C ₃ N ₄ composites for cataluminescence sensing of H ₂ S. <i>Sensors and Actuators B: Chemical</i> , 2015 , 211, 370-376	8.5	78

208	A cataluminescence gas sensor for triethylamine based on nanosized LaF ₃ /CeO ₂ . <i>Sensors and Actuators B: Chemical</i> , 2012 , 169, 261-266	8.5	76
207	Inductively coupled plasma mass spectrometry-based immunoassay: a review. <i>Mass Spectrometry Reviews</i> , 2014 , 33, 373-93	11	74
206	Sensitive and selective acetone sensor based on its cataluminescence from nano-La ₂ O ₃ surface. <i>Sensors and Actuators B: Chemical</i> , 2008 , 132, 243-249	8.5	72
205	Recent Advances in Analytical Applications of Nanomaterials in Liquid-Phase Chemiluminescence. <i>Applied Spectroscopy Reviews</i> , 2014 , 49, 201-232	4.5	71
204	Photo-induced cold vapor generation with low molecular weight alcohol, aldehyde, or carboxylic acid for atomic fluorescence spectrometric determination of mercury. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 388, 825-30	4.4	71
203	An ethanol sensor based on cataluminescence on ZnO nanoparticles. <i>Talanta</i> , 2007 , 72, 1593-7	6.2	70
202	Oxidation of ethyl ether on borate glass: chemiluminescence, mechanism, and development of a sensitive gas sensor. <i>Analytical Chemistry</i> , 2008 , 80, 7964-9	7.8	67
201	Dielectric barrier discharge plasma-assisted fabrication of g-C ₃ N ₄ -Mn ₃ O ₄ composite for high-performance cataluminescence H ₂ S gas sensor. <i>Sensors and Actuators B: Chemical</i> , 2017 , 239, 1177-1184	8.5	66
200	A potential visual fluorescence probe for ultratrace arsenic (III) detection by using glutathione-capped CdTe quantum dots. <i>Talanta</i> , 2011 , 84, 382-6	6.2	64
199	Recent Advances in Chemiluminescence. <i>Applied Spectroscopy Reviews</i> , 2007 , 42, 139-176	4.5	64
198	A metal (Co)-organic framework-based chemiluminescence system for selective detection of L-cysteine. <i>Analyst, The</i> , 2015 , 140, 2656-63	5	60
197	Chemiluminescence microfluidic system sensor on a chip for determination of glucose in human serum with immobilized reagents. <i>Talanta</i> , 2003 , 59, 571-6	6.2	58
196	Turn-on Fluorescent Probe for Exogenous and Endogenous Imaging of Hypochlorous Acid in Living Cells and Quantitative Application in Flow Cytometry. <i>Analytical Chemistry</i> , 2017 , 89, 9544-9551	7.8	56
195	A green solid-phase method for preparation of carbon nitride quantum dots and their applications in chemiluminescent dopamine sensing. <i>RSC Advances</i> , 2015 , 5, 55158-55164	3.7	55
194	Cloud point extraction-thermospray flame quartz furnace atomic absorption spectrometry for determination of ultratrace cadmium in water and urine. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2006 , 61, 1310-1314	3.1	55
193	Dielectric barrier discharge molecular emission spectrometer as multichannel GC detector for halohydrocarbons. <i>Analytical Chemistry</i> , 2011 , 83, 5050-5	7.8	50
192	MOFs-derived dodecahedra porous Co ₃ O ₄ : An efficient cataluminescence sensing material for H ₂ S. <i>Sensors and Actuators B: Chemical</i> , 2018 , 258, 349-357	8.5	49
191	Novel metal-organic frameworks-based hydrogen sulfide cataluminescence sensors. <i>Sensors and Actuators B: Chemical</i> , 2015 , 220, 614-621	8.5	47

190	Graphene and graphene oxides: recent advances in chemiluminescence and electrochemiluminescence. <i>RSC Advances</i> , 2014 , 4, 29324	3.7	47
189	DNA-templated copper nanoparticles: Versatile platform for label-free bioassays. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 105, 436-452	14.6	46
188	Highly sensitive and interference-free determination of bismuth in environmental samples by electrothermal vaporization atomic fluorescence spectrometry after hydride trapping on iridium-coated tungsten coil. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2008 , 63, 704-709	3.1	45
187	Development of a detector for liquid chromatography based on aerosol chemiluminescence on porous alumina. <i>Analytical Chemistry</i> , 2005 , 77, 1518-25	7.8	45
186	Quantum dots-based chemiluminescence probes: an overview. <i>Luminescence</i> , 2019 , 34, 530-543	2.5	44
185	Advances in nanomaterial-assisted cataluminescence and its sensing applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 67, 107-127	14.6	43
184	Selective determination of trace amounts of silver in complicated matrices by displacement-cloud point extraction coupled with thermospray flame furnace atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2008 , 23, 752	3.7	42
183	Strategies in liquid-phase chemiluminescence and their applications in bioassay. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 82, 394-411	14.6	42
182	Microwave-assisted green synthesis of ultrasmall fluorescent water-soluble silver nanoclusters and its application in chiral recognition of amino acids. <i>Analyst, The</i> , 2013 , 138, 6558-64	5	41
181	Dielectric barrier discharge-induced chemiluminescence: potential application as GC detector. <i>Analytical Chemistry</i> , 2007 , 79, 4674-80	7.8	41
180	Development of sensitive carbon disulfide sensor by using its cataluminescence on nanosized-CeO ₂ . <i>Sensors and Actuators B: Chemical</i> , 2009 , 136, 218-223	8.5	40
179	Recyclable decoration of amine-functionalized magnetic nanoparticles with Ni(2+) for determination of histidine by photochemical vapor generation atomic spectrometry. <i>Analytical Chemistry</i> , 2014 , 86, 842-8	7.8	38
178	UV light-emitting-diode photochemical mercury vapor generation for atomic fluorescence spectrometry. <i>Analyst, The</i> , 2012 , 137, 686-90	5	38
177	Photochemical vapor generation of carbonyl for ultrasensitive atomic fluorescence spectrometric determination of cobalt. <i>Microchemical Journal</i> , 2010 , 96, 277-282	4.8	38
176	Recent advances in chemiluminescence for reactive oxygen species sensing and imaging analysis. <i>Microchemical Journal</i> , 2019 , 146, 83-97	4.8	38
175	A Y-doped metal-organic framework-based cataluminescence gas sensor for isobutanol. <i>Sensors and Actuators B: Chemical</i> , 2014 , 201, 413-419	8.5	37
174	Ultrasensitive fluorescence detection of glutaraldehyde in water samples with bovine serum albumin-Au nanoclusters. <i>Microchemical Journal</i> , 2011 , 99, 327-331	4.8	37
173	A cataluminescence gas sensor for carbon tetrachloride based on nanosized ZnS. <i>Analytica Chimica Acta</i> , 2009 , 635, 183-7	6.6	37

172	Development of an aerosol chemiluminescent detector coupled to capillary electrophoresis for saccharide analysis. <i>Analytical Chemistry</i> , 2005 , 77, 7356-65	7.8	37
171	Stable and Water-Dispersible Graphene Nanosheets: Sustainable Preparation, Functionalization, and High-Performance Adsorbents for Pb ²⁺ . <i>ChemPlusChem</i> , 2012 , 77, 379-386	2.8	36
170	Inorganic arsenic speciation analysis of water samples by trapping arsine on tungsten coil for atomic fluorescence spectrometric determination. <i>Talanta</i> , 2009 , 78, 885-90	6.2	36
169	Camellia-like NiO: A novel cataluminescence sensing material for H ₂ S. <i>Sensors and Actuators B: Chemical</i> , 2019 , 288, 243-250	8.5	35
168	One-step facile synthesis of coral-like Zn-doped SnO ₂ and its cataluminescence sensing of 2-butanone. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 7132-7138	13	35
167	Atomic absorption spectrometric determination of trace tellurium after hydride trapping on platinum-coated tungsten coil. <i>Microchemical Journal</i> , 2010 , 95, 320-325	4.8	35
166	Chemiluminescence biosensor chip based on a microreactor using carrier air flow for determination of uric acid in human serum. <i>Analyst, The</i> , 2002 , 127, 1176-9	5	35
165	Transient Cataluminescence on Flowerlike MgO for Discrimination and Detection of Volatile Organic Compounds. <i>Analytical Chemistry</i> , 2016 , 88, 8137-44	7.8	34
164	Label-Free DNA Assay by Metal Stable Isotope Detection. <i>Analytical Chemistry</i> , 2017 , 89, 13269-13274	7.8	34
163	Enclosed hollow tubular ZnO: Controllable synthesis and their high performance cataluminescence gas sensing of H ₂ S. <i>Sensors and Actuators B: Chemical</i> , 2017 , 242, 1086-1094	8.5	34
162	Synthesis of water-soluble Ag ₂ Se QDs as a novel resonance Rayleigh scattering sensor for highly sensitive and selective ConA detection. <i>Analyst, The</i> , 2014 , 139, 4210-5	5	33
161	A new alcohols sensor based on cataluminescence on nano-CdS. <i>Sensors and Actuators B: Chemical</i> , 2013 , 186, 750-754	8.5	33
160	Sensitive sandwich immunoassay based on single particle mode inductively coupled plasma mass spectrometry detection. <i>Talanta</i> , 2010 , 83, 48-54	6.2	33
159	An ethanol gas sensor using energy transfer cataluminescence on nanosized YVO ₄ :Eu ³⁺ surface. <i>Sensors and Actuators B: Chemical</i> , 2010 , 144, 192-197	8.5	33
158	Rapid, sensitive and on-line measurement of chemical oxygen demand by novel optical method based on UV photolysis and chemiluminescence. <i>Microchemical Journal</i> , 2007 , 87, 56-61	4.8	33
157	Sonochemical synthesis of Ag nanoclusters: electrogenerated chemiluminescence determination of dopamine. <i>Luminescence</i> , 2013 , 28, 530-5	2.5	32
156	Hierarchical hollow microsphere and flower-like indium oxide: Controllable synthesis and application as H ₂ S cataluminescence sensing materials. <i>Materials Research Bulletin</i> , 2012 , 47, 2212-2218 ^{5.1}		32
155	Sensitive determination of mercury by a miniaturized spectrophotometer after in situ single-drop microextraction. <i>Journal of Hazardous Materials</i> , 2010 , 183, 549-53	12.8	32

154	Chemiluminescence of black phosphorus quantum dots induced by hypochlorite and peroxide. <i>Chemical Communications</i> , 2018 , 54, 7987-7990	5.8	32
153	Metal-Free Cataluminescence Gas Sensor for Hydrogen Sulfide Based on Its Catalytic Oxidation on Silicon Carbide Nanocages. <i>Analytical Chemistry</i> , 2017 , 89, 13666-13672	7.8	31
152	Antibody-biotemplated HgS nanoparticles: extremely sensitive labels for atomic fluorescence spectrometric immunoassay. <i>Analyst, The</i> , 2012 , 137, 1473-80	5	31
151	Protein quantitation using Ru-NHS ester tagging and isotope dilution high-pressure liquid chromatography-inductively coupled plasma mass spectrometry determination. <i>Analytical Chemistry</i> , 2012 , 84, 2769-75	7.8	31
150	Absolute quantification of peptides by isotope dilution liquid chromatography-inductively coupled plasma mass spectrometry and gas chromatography/mass spectrometry. <i>Analytical Chemistry</i> , 2013 , 85, 4087-93	7.8	31
149	Chemiluminescence of Oleic Acid Capped Black Phosphorus Quantum Dots for Highly Selective Detection of Sulfite in PM. <i>Analytical Chemistry</i> , 2019 , 91, 9174-9180	7.8	30
148	A highly sensitive upconverting phosphors-based off-on probe for the detection of glutathione. <i>Sensors and Actuators B: Chemical</i> , 2013 , 185, 363-369	8.5	30
147	Controllable synthesis of Y2O3 microstructures for application in cataluminescence gas sensing. <i>Chemistry - A European Journal</i> , 2011 , 17, 7105-11	4.8	30
146	Cataluminescence Coupled with Photoassisted Technology: A Highly Efficient Metal-Free Gas Sensor for Carbon Monoxide. <i>Analytical Chemistry</i> , 2019 , 91, 13158-13164	7.8	29
145	Recent Progress in Chemiluminescence for Gas Analysis. <i>Applied Spectroscopy Reviews</i> , 2010 , 45, 474-489	4.5	29
144	Highly sensitive cataluminescence gas sensors for 2-butanone based on g-CN sheets decorated with CuO nanoparticles. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 8831-8841	4.4	29
143	Determination of total inorganic arsenic in water samples by cadmium ion assisted photochemical vapor generation-atomic fluorescence spectrometry. <i>Microchemical Journal</i> , 2019 , 146, 359-365	4.8	29
142	Thiol-functionalized single-layered MoS2 nanosheet as a photoluminescence sensing platform via charge transfer for dopamine detection. <i>Sensors and Actuators B: Chemical</i> , 2017 , 246, 380-388	8.5	28
141	A cataluminescence gas sensor based on nanosized V2O5 for tert-butyl mercaptan. <i>Talanta</i> , 2010 , 82, 733-8	6.2	28
140	UV irradiation controlled cold vapor generation using SnCl2 as reductant for mercury speciation. <i>Analytical Sciences</i> , 2006 , 22, 1361-5	1.7	28
139	Single nanoparticle analysis by ICPMS: a potential tool for bioassay. <i>Journal of Analytical Atomic Spectrometry</i> , 2018 , 33, 57-67	3.7	28
138	Simultaneous determination of isoniazid and p-aminosalicylic acid by capillary electrophoresis using chemiluminescence detection. <i>Luminescence</i> , 2009 , 24, 243-9	2.5	27
137	Poly(thymine)-CuNPs: Bimodal Methodology for Accurate and Selective Detection of TNT at Sub-PPT Levels. <i>Analytical Chemistry</i> , 2018 , 90, 14469-14474	7.8	27

136	Silicon carbon nanoparticles-based chemiluminescence probe for hydroxyl radical in PM. <i>Chemical Communications</i> , 2016 , 52, 11259-11262	5.8	26
135	Hierarchical SnO ₂ architectures: controllable growth on graphene by atmospheric pressure chemical vapour deposition and application in cataluminescence gas sensor. <i>CrystEngComm</i> , 2014 , 16, 3331	3.3	26
134	The morphological evolution of hydroxyapatite on high-efficiency Pb ²⁺ removal and antibacterial activity. <i>Microchemical Journal</i> , 2017 , 135, 16-25	4.8	26
133	Graphene-amplified electrogenerated chemiluminescence of CdTe quantum dots for H ₂ O ₂ sensing. <i>Luminescence</i> , 2013 , 28, 259-64	2.5	25
132	Synthesis of Ag ₂ Se nanomaterial by electrodeposition and its application as cataluminescence gas sensor material for carbon tetrachloride. <i>Sensors and Actuators B: Chemical</i> , 2011 , 155, 311-316	8.5	25
131	Carbon nitride quantum dot-based chemiluminescence resonance energy transfer for iodide ion sensing. <i>RSC Advances</i> , 2016 , 6, 76890-76896	3.7	24
130	Biosensors for explosives: State of art and future trends. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 118, 123-137	14.6	23
129	Ratiometric Cataluminescence for Rapid Recognition of Volatile Organic Compounds Based on Energy Transfer Process. <i>Analytical Chemistry</i> , 2019 , 91, 4860-4867	7.8	23
128	Uricase-Based Highly Sensitive and Selective Spectrophotometric Determination of Uric Acid Using BSA-Stabilized Au Nanoclusters as Artificial Enzyme. <i>Spectroscopy Letters</i> , 2012 , 45, 511-519	1.1	23
127	Highly sensitive resonance light scattering bioassay for heparin based on polyethyleneimine-capped Ag nanoclusters. <i>Talanta</i> , 2013 , 115, 830-6	6.2	23
126	UV-Assisted Cataluminescent Sensor for Carbon Monoxide Based on Oxygen-Functionalized g-CN Nanomaterials. <i>Analytical Chemistry</i> , 2018 , 90, 9598-9605	7.8	22
125	Visualization of Lung Inflammation to Pulmonary Fibrosis via Peroxynitrite Fluctuation. <i>Analytical Chemistry</i> , 2019 , 91, 11461-11466	7.8	22
124	Controllable deposition of ZnO-doped SnO ₂ nanowires on Au/graphene and their application in cataluminescence sensing for alcohols and ketones. <i>Sensors and Actuators B: Chemical</i> , 2014 , 203, 726-735	8.5	22
123	UV-induced surface photovoltage and photoluminescence on n-Si/TiO ₂ /TiO ₂ :Eu for dual-channel sensing of volatile organic compounds. <i>Analytical Chemistry</i> , 2011 , 83, 6552-8	7.8	22
122	Inductively coupled plasma mass spectrometry for determination of total urinary protein with CdTe quantum dots label. <i>Journal of Analytical Atomic Spectrometry</i> , 2011 , 26, 2493	3.7	21
121	Highly sensitive pneumatic nebulization flame furnace atomic absorption spectrometry: complete sample aerosol introduction and on-line preconcentration of cadmium by atom trap. <i>Journal of Analytical Atomic Spectrometry</i> , 2008 , 23, 37-42	3.7	21
120	Recent advances in cataluminescence gas sensor: Materials and methodologies. <i>Applied Spectroscopy Reviews</i> , 2019 , 54, 306-324	4.5	21
119	Fast response near-infrared fluorescent probe for hydrogen sulfide in natural waters. <i>Talanta</i> , 2019 , 202, 159-164	6.2	20

118	A cubic luminescent graphene oxide functionalized Zn-based metal-organic framework composite for fast and highly selective detection of Cu(2+) ions in aqueous solution. <i>Analyst, The</i> , 2014 , 139, 764-70 ⁵		20
117	An upconversion fluorescence based turn-on probe for detecting lead(II) ions. <i>Analytical Methods</i> , 2014 , 6, 9073-9077	3.2	20
116	Comparison of tungsten coil electrothermal vaporization and thermospray sample introduction methods for flame furnace atomic absorption spectrometry. <i>Talanta</i> , 2009 , 77, 1778-82	6.2	20
115	LRET-based functional persistent luminescence nanoprobe for imaging and detection of cyanide ion. <i>Sensors and Actuators B: Chemical</i> , 2019 , 279, 189-196	8.5	20
114	Novel Strategy for Engineering the Metal-Oxide@MOF Core@Shell Architecture and Its Applications in Cataluminescence Sensing. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 3471-3480	9.5	20
113	Engineering Ratiometric Persistent Luminous Sensor Arrays for Biothiols Identification. <i>Analytical Chemistry</i> , 2020 , 92, 6645-6653	7.8	19
112	Size-controllable synthesis of spherical ZnO nanoparticles: Size- and concentration-dependent resonant light scattering. <i>Microchemical Journal</i> , 2012 , 100, 61-65	4.8	19
111	Enhanced cataluminescence sensing characteristics of ethanol on hierarchical spheres ZnO. <i>Sensors and Actuators B: Chemical</i> , 2012 , 173, 93-99	8.5	19
110	Light-emitting-diode-induced chemiluminescence detection for capillary electrophoresis. <i>Electrophoresis</i> , 2009 , 30, 1937-42	3.6	19
109	Simultaneous stacking of cationic and anionic compounds in single run capillary zone electrophoresis by two-end field amplified sample injection. <i>Journal of Chromatography A</i> , 2010 , 1217, 5622-7	4.5	19
108	Ultrasensitive determination of cobalt in single hair by capillary electrophoresis using chemiluminescence detector. <i>Microchemical Journal</i> , 2010 , 95, 80-84	4.8	19
107	Miniaturized dielectric barrier discharge induced chemiluminescence for detection of volatile chlorinated hydrocarbons separated by gas chromatography. <i>Journal of Chromatography A</i> , 2008 , 1192, 194-7	4.5	19
106	Portacaval shunt established in six dogs using magnetic compression technique. <i>PLoS ONE</i> , 2013 , 8, e76873	3.7	19
105	Highly efficient cataluminescence gas sensor for acetone vapor based on UIO-66 metal-organic frameworks as preconcentrator. <i>Sensors and Actuators B: Chemical</i> , 2020 , 312, 127952	8.5	18
104	A highly selective and fast-response photoluminescence humidity sensor based on F ₁₂ decorated NH ₂ -MIL-53(Al) nanorods. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 9465-9471	7.1	18
103	Multimodal Imaging Iridium(III) Complex for Hypochlorous Acid in Living Systems. <i>Analytical Chemistry</i> , 2020 , 92, 8285-8291	7.8	17
102	A novel chemiluminescence method for determination of terbutaline sulfate based on potassium ferricyanide oxidation sensitized by rhodamine 6G. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003 , 32, 555-61	3.5	17
101	Homogeneous Multiplex Immunoassay for One-Step Pancreatic Cancer Biomarker Evaluation. <i>Analytical Chemistry</i> , 2020 , 92, 16105-16112	7.8	17

100	Mass Spectrometric Assay of Alpha-Fetoprotein Isoforms for Accurate Serological Evaluation. <i>Analytical Chemistry</i> , 2020 , 92, 4807-4813	7.8	16
99	Cataluminescence gas sensor for ketones based on nanosized NaYF ₄ :Er. <i>Sensors and Actuators B: Chemical</i> , 2016 , 222, 300-306	8.5	16
98	An optical humidity sensor based on CdTe nanocrystals modified porous silicon. <i>Microchemical Journal</i> , 2013 , 108, 100-105	4.8	16
97	Raspberry-Like Mesoporous ZnGaSiO:Cr Nanocarriers for Enhanced Near-Infrared Afterglow Imaging and Combined Cancer Chemotherapy. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 44978-44988	8.5	16
96	Triazine-based graphitic carbon nitride: controllable synthesis and enhanced cataluminescent sensing for formic acid. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 7499-7509	4.4	16
95	Modulating near-infrared persistent luminescence of core-shell nanoplatform for imaging of glutathione in tumor mouse model. <i>Biosensors and Bioelectronics</i> , 2019 , 144, 111671	11.8	15
94	Accelerated reducing synthesis of Ag@CDs composite and simultaneous determination of glucose during the synthetic process. <i>RSC Advances</i> , 2014 , 4, 3992-3997	3.7	15
93	Chemiluminescence micro-flow-injection analysis on a chip. <i>Luminescence</i> , 2005 , 20, 377-81	2.5	15
92	Recent advances in ratiometric luminescence sensors. <i>Applied Spectroscopy Reviews</i> , 2021 , 56, 324-345	4.5	15
91	A cataluminescence gas sensor for ammonium sulfide based on Fe(3)O(4)-carbon nanotubes composite. <i>Luminescence</i> , 2010 , 25, 294-9	2.5	14
90	Simple and sensitive determination of arsenic by volatile arsenic trichloride generation atomic fluorescence spectrometry. <i>Talanta</i> , 2007 , 72, 1728-32	6.2	14
89	Efficient generation of sulfate radicals in Fe(ii)/S(iv) system induced by WS nanosheets and examined by its intrinsic chemiluminescence. <i>Chemical Communications</i> , 2020 , 56, 6993-6996	5.8	14
88	Recent Advances in Graphitic Carbon Nitride-Based Chemiluminescence, Cataluminescence and Electrochemiluminescence. <i>Journal of Analysis and Testing</i> , 2017 , 1, 274-290	3.2	13
87	Fabrication of fluorescent nitrogen-rich graphene quantum dots by tin(IV) catalytic carbonization of ethanolamine. <i>RSC Advances</i> , 2015 , 5, 60085-60089	3.7	13
86	Recent advances in methodologies and applications of cataluminescence sensing. <i>Luminescence</i> , 2020 , 35, 1174-1184	2.5	13
85	Off/On Amino-Functionalized Polyhedral Oligomeric Silsesquioxane-Perylene Diimides Based Hydrophilic Luminescent Polymer for Aqueous Fluoride Ion Detection. <i>Analytical Chemistry</i> , 2020 , 92, 5294-5301	7.8	13
84	Green synthesis of fluorescence carbon nanoparticles from yam and application in sensitive and selective detection of ATP. <i>Luminescence</i> , 2016 , 31, 626-32	2.5	13
83	Label-Free CRISPR/Cas9 Assay for Site-Specific Nucleic Acid Detection. <i>Analytical Chemistry</i> , 2019 , 91, 10870-10878	7.8	13

82	Electrochemical and thermodynamic properties of Ln(III) (Ln = Eu, Sm, Dy, Nd) in 1-butyl-3-methylimidazolium bromide ionic liquid. <i>PLoS ONE</i> , 2014 , 9, e95832	3.7	13
81	A new cataluminescence sensor for carbon tetrachloride using its catalytic reduction by hydrogen on palladium/carbon surface. <i>Microchemical Journal</i> , 2010 , 95, 359-365	4.8	13
80	Extrahepatic portacaval shunt via a magnetic compression technique: A cadaveric feasibility study. <i>World Journal of Gastroenterology</i> , 2015 , 21, 8073-80	5.6	13
79	Simultaneous monitoring of polarity changes of lipid droplets and lysosomes with two-photon fluorescent probes. <i>Analytica Chimica Acta</i> , 2020 , 1136, 34-41	6.6	13
78	Multifunctional Reduced Graphene Oxide-Based Nanoplatfom for Synergistic Targeted Chemo-Photothermal Therapy.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 5213-5222	4.1	13
77	Organosiloxane and Polyhedral Oligomeric Silsesquioxanes Compounds as Chemiluminescent Molecular Probes for Direct Monitoring Hydroxyl Radicals. <i>Analytical Chemistry</i> , 2019 , 91, 8926-8932	7.8	12
76	Fluorescence nano metal organic frameworks modulated by encapsulation for construction of versatile biosensor. <i>Talanta</i> , 2019 , 201, 96-103	6.2	12
75	Self-Validated Homogeneous Immunoassay by Single Nanoparticle in-Depth Scrutinization. <i>Analytical Chemistry</i> , 2020 , 92, 2876-2881	7.8	12
74	Glutathione modified Ag ₂ Te nanoparticles as a resonance Rayleigh scattering sensor for highly sensitive and selective determination of cytochrome C. <i>Sensors and Actuators B: Chemical</i> , 2016 , 228, 458-464	8.5	12
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