Honglan Qi

List of Publications by Year
in descending order

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112	3,757	109321	149698
papers	citations	35 h-index	56 g-index

112	112	112	3635
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrogenerated Chemiluminescence Method for Determination of 5-Hydroxymethylcytosine in DNA. Springer Protocols, 2022, , 65-75.	0.3	0
2	â€œSignalâ€onâ€•Electrogenerated Chemiluminescence Biosensing Method for the Determination of Matrix Metalloproteinase 2. Electroanalysis, 2022, 34, 281-285.	2.9	4
3	Labelâ€free Electrochemical Aptasensor for the Determination of Serotonin. Electroanalysis, 2022, 34, 1048-1053.	2.9	7
4	Highly Efficient Electrogenerated Chemiluminescence Quenching on Lipid-Coated Multifunctional Magnetic Nanoparticles for the Determination of Proteases. Analytical Chemistry, 2022, 94, 2305-2312.	6.5	15
5	Highly Efficient Aggregation-Induced Enhanced Electrochemiluminescence of Cyanophenyl-Functionalized Tetraphenylethene and Its Application in Biothiols Analysis. Analytical Chemistry, 2022, 94, 5441-5449.	6.5	23
6	Organic nanoparticles for electrogenerated chemiluminescence assay. Current Opinion in Electrochemistry, 2022, 34, 101023.	4.8	7
7	Sensitive and selective electrogenerated chemiluminescence aptasensing method for the determination of dopamine based on target-induced conformational displacement. Bioelectrochemistry, 2022, 146, 108148.	4.6	10
8	Sensitive and rapid determination of heat shock protein 70 using lateral flow immunostrips and upconversion nanoparticle fluorescence probes. Analyst, The, 2022, 147, 3444-3450.	3.5	3
9	Carboxyl group bearing iridium(III) solvent complex as photoluminescence and electrochemiluminescence probe for the detection of histidine. Journal of Electroanalytical Chemistry, 2022, 920, 116578.	3.8	7
10	Single Particleâ€Based Confocal Laser Scanning Microscopy for Visual Detection of Copper Ions in Confined Space â€. Chinese Journal of Chemistry, 2021, 39, 1804-1810.	4.9	4
11	A New Molecular Recognition Concept: Multiple Hydrogen Bonds and Their Optically Triggered Proton Transfer in Confined Metalâ€“Organic Frameworks for Superior Sensing Element. ACS Applied Materials & Interfaces, 2021, 13, 22457-22465.	8.0	19
12	Synthesis of pH-responsive cyclometalated iridium(<scp>iii</scp>) complex and its application in the selective killing of cancerous cells. Dalton Transactions, 2021, 50, 17338-17345.	3.3	10
13	Self-Terminated Electroless Deposition of Surfactant-Free and Monodispersed Pt Nanoparticles on Carbon Fiber Microelectrodes for Sensitive Detection of H₂O₂ Released from Living Cells. Analytical Chemistry, 2021, 93, 16683-16689.	6.5	14
14	Highly efficient electrochemiluminescence of ruthenium complex-functionalized CdS quantum dots and their analytical application. Journal of Materials Chemistry B, 2020, 8, 3598-3605.	5.8	30
15	Electrogenerated Chemiluminescence Biosensing. Analytical Chemistry, 2020, 92, 524-534.	6.5	247
16	Highly dispersive Ptâ€“Pd nanoparticles on graphene oxide sheathed carbon fiber microelectrodes for electrochemical detection of H₂O₂released from living cells. Nanotechnology, 2020, 31, 135503.	2.6	13
17	Separation-Free Electrogenerated Chemiluminescence Immunoassay Incorporating Target Assistant Proximity Hybridization and Dynamically Competitive Hybridization of a DNA Signal Probe. Analytical Chemistry, 2020, 92, 884-891.	6.5	27
18	Monitoring casein kinase II at subcellular level via bio-bar-code-based electrochemiluminescence biosensing method. Chinese Chemical Letters, 2020, 31, 2520-2524.	9.0	13

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19	Efficient electronic coupling and heterogeneous charge transport of zero-dimensional Cs₄PbBr₆ perovskite emitters. Journal of Materials Chemistry A, 2020, 8, 23803-23811.	10.3	21
20	Electroless deposition of gold nanoparticles on carbon nanopipette electrode for electrochemical detection of catecholamines released from PC12 cells. Mikrochimica Acta, 2020, 187, 595.	5.0	5
21	Electrogenerated Chemiluminescence Immunoassays on Nanoelectrode Ensembles Platform with Magnetic Microbeads for the Determination of Carbohydrate Antigen. Analytical Chemistry, 2020, 92, 15837-15844.	6.5	16
22	Electrochemical Nanoaptasensor for Continuous Monitoring of ATP Fluctuation at Subcellular Level. Analytical Chemistry, 2020, 92, 10940-10945.	6.5	31
23	Electrochemiluminescence Imaging for the Morphological and Quantitative Analysis of Living Cells under External Stimulation. Analytical Chemistry, 2020, 92, 8278-8284.	6.5	42
24	Lateral flow immunostrips for the sensitive and rapid determination of 8-hydroxy-2â€²-deoxyguanosine using upconversion nanoparticles. Mikrochimica Acta, 2020, 187, 377.	5.0	9
25	Multifunctional zeolitic imidazolate framework-8 for real-time monitoring ATP fluctuation in mitochondria during photodynamic therapy. Nanoscale, 2020, 12, 15663-15669.	5.6	36
26	Matrixâ€Free and Highly Efficient Roomâ€Temperature Phosphorescence Carbon Dots towards Information Encryption and Decryption. Chemistry - an Asian Journal, 2020, 15, 1281-1284.	3.3	25
27	Cyclometalated iridium complex-based photoluminescent and electrochemiluminescent probe for acidic pH detection. Inorganic Chemistry Communication, 2019, 106, 95-98.	3.9	2
28	A â€œswitch-onâ€•photoluminescent and electrochemiluminescent multisignal probe for hypochlorite via a cyclometalated iridium complex. Analytica Chimica Acta, 2019, 1074, 98-107.	5.4	27
29	EXPRESS: Cyclometalated Iridium Complex as Offâ€“Onâ€“Off Reversible Photoluminescence Probe for Redox Cycle HSO₃â€“/H₂O₂ in Living Cells. Applied Spectroscopy, 2019, 73, 000370281986157.	2.2	0
30	Ultrasensitive Electrochemiluminescence Aptasensor for Assessment of Protein Heterogeneity in Small Cell Population. ACS Applied Bio Materials, 2019, 2, 3052-3058.	4.6	10
31	Highly selective electrochemical method for the detection of serotonin at carbon fiber microelectrode modified with gold nanoflowers and overoxidized polypyrrole. Chinese Chemical Letters, 2019, 30, 1643-1646.	9.0	24
32	Homogeneous electrogenerated chemiluminescence immunoassay for the detection of biomarkers by magnetic preconcentration on a magnetic electrode. Analytical and Bioanalytical Chemistry, 2019, 411, 4203-4211.	3.7	11
33	Improvement of the Biocompatibility and Potential Stability of Chronically Implanted Electrodes Incorporating Coating Cell Membranes. ACS Applied Materials & Interfaces, 2019, 11, 8807-8817.	8.0	39
34	Recent advances in electrogenerated chemiluminescence biosensing methods for pharmaceuticals. Journal of Pharmaceutical Analysis, 2019, 9, 9-19.	5.3	60
35	Combining 3D graphene-like screen-printed carbon electrode with methylene blue-loaded liposomal nanoprobes for phospholipase A2 detection. Biosensors and Bioelectronics, 2019, 126, 255-260.	10.1	11
36	Proximity Hybridization-Regulated Immunoassay for Cell Surface Protein and Protein-Overexpressing Cancer Cells via Electrochemiluminescence. Analytical Chemistry, 2018, 90, 3013-3018.	6.5	68

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37	Electrogenerated chemiluminescence biosensor array for the detection of multiple AMI biomarkers. Sensors and Actuators B: Chemical, 2018, 257, 60-67.	7.8	50
38	Rapid â€œturn-onâ€•photoluminescence detection of bisulfite in wines and living cells with a formyl bearing bis-cyclometalated Ir(<scp>iii</scp>) complex. Analyst, The, 2018, 143, 3670-3676.	3.5	18
39	Highly Sensitive Electrochemiluminescence Assay for Cardiac Troponin I and Adenosine Triphosphate by using Supersandwich Amplification and Bifunctional Aptamer. ChemElectroChem, 2017, 4, 1708-1713.	3.4	12
40	Aldehyde bearing bis-cyclometalated Ir(III) complex as selective photoluminescence turn-on probe for imaging intracellular homocysteine. Sensors and Actuators B: Chemical, 2017, 245, 853-859.	7.8	22
41	Cyclometalated Iridiumâ€Complexâ€Based Labelâ€Free Supersandwich Electrogenerated Chemiluminescence Biosensor for the Detection of Microâ€RNA. ChemElectroChem, 2017, 4, 1775-1782.	3.4	13
42	Luminescence of ferrocene-modified pyrene derivatives for turn-on sensing of Cu 2+ and anions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 184, 30-37.	3.9	16
43	Twisted configuration pyrene derivative: exhibiting pure blue monomer photoluminescence and electrogenerated chemiluminescence emissions in non-aqueous media. RSC Advances, 2017, 7, 22882-22891.	3.6	17
44	A fluorine-doped tin oxide electrode modified with gold nanoparticles for electrochemiluminescent determination of hydrogen peroxide released by living cells. Mikrochimica Acta, 2017, 184, 603-610.	5.0	23
45	Highly selective electrogenerated chemiluminescence biosensor for simultaneous detection of matrix metalloproteinase-2 and matrix metalloproteinase-7 in cell secretions. Sensors and Actuators B: Chemical, 2017, 253, 69-76.	7.8	37
46	Triphenothiazinyl triazacoronenes: donorâ€“acceptor molecular graphene exhibiting multiple fluorescence and electrogenerated chemiluminescence emissions. Journal of Materials Chemistry C, 2017, 5, 4293-4301.	5.5	20
47	Determination of mutated genes in the presence of wild-type DNA by using molecular beacons as probe. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 174, 286-290.	3.9	0
48	Aggregation-Induced Enhanced Electrochemiluminescence from Organic Nanoparticles of Donorâ€“Acceptor Based Coumarin Derivatives. ACS Applied Materials & Interfaces, 2017, 9, 44324-44331.	8.0	54
49	Proximity hybridization-regulated electrogenerated chemiluminescence bioassay of Î±-fetoprotein via target-induced quenching mechanism. Biosensors and Bioelectronics, 2017, 98, 62-67.	10.1	33
50	Design and Application of Multi-functional Electrogenerated Chemiluminescence Imaging Analyzer. Analytical Sciences, 2016, 32, 1023-1027.	1.6	4
51	Non-Covalent Fluorescent Labeling of Hairpin DNA Probe Coupled with Hybridization Chain Reaction for Sensitive DNA Detection. Applied Spectroscopy, 2016, 70, 688-694.	2.2	9
52	Simple and sensitive electrogenerated chemiluminescence peptide-based biosensor for detection of matrix metalloproteinase 2 released from living cells. Analytical and Bioanalytical Chemistry, 2016, 408, 7067-7075.	3.7	20
53	Discrimination between 5-Hydroxymethylcytosine and 5-Methylcytosine in DNA via Selective Electrogenerated Chemiluminescence (ECL) Labeling. Analytical Chemistry, 2016, 88, 9934-9940.	6.5	44
54	Electrogenerated Chemiluminescence Bioassay of Two Protein Kinases Incorporating Peptide Phosphorylation and Versatile Probe. Analytical Chemistry, 2016, 88, 8720-8727.	6.5	41

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55	Label-free electrochemical impedance peptide-based biosensor for the detection of cardiac troponin I incorporating gold nanoparticles modified carbon electrode. Journal of Electroanalytical Chemistry, 2016, 781, 212-217.	3.8	54
56	Electrochemistry and Electrogenerated Chemiluminescence of 1,3,5-Tri(anthracen-10-yl)-benzene-Centered Starburst Oligofluorenes. Journal of the American Chemical Society, 2016, 138, 1947-1954.	13.7	48
57	Quantum dot cluster (QDC)-loaded phospholipid micelles as a FRET probe for phospholipase A2 detection. RSC Advances, 2016, 6, 15895-15899.	3.6	7
58	Electrogenerated chemiluminescence biosensing method for the discrimination of DNA hydroxymethylation and assay of the Î²-glucosyltransferase activity. Biosensors and Bioelectronics, 2016, 79, 92-97.	10.1	23
59	Sensitive and versatile electrogenerated chemiluminescence biosensing platform for protein kinase based on Ru(bpy)32+ functionalized gold nanoparticles mediated signal transduction. Analytica Chimica Acta, 2016, 906, 72-79.	5.4	11
60	Electrogenerated Chemiluminescence from Heteroleptic Iridium(III) Complexes with Multicolor Emission. Inorganic Chemistry, 2015, 54, 1446-1453.	4.0	63
61	Efficient green electrogenerated chemiluminescence from cyclometalated iridium(III) complex. Journal of Electroanalytical Chemistry, 2015, 755, 71-76.	3.8	19
62	Electrogenerated Chemiluminescence Bioanalytic System Based on Biocleavage of Probes and Homogeneous Detection. Analytical Chemistry, 2015, 87, 6510-6515.	6.5	24
63	Electrogenerated chemiluminescence peptide-based biosensing method for cardiac troponin I using peptide-integrating Ru(bpy)3 2+-functionalized gold nanoparticles as nanoprobe. Gold Bulletin, 2015, 48, 21-29.	2.4	11
64	A photoelectrochemical sensor through quenching of photoinduced electrons based on a G-quadruplex/hemin complex. Analytical Methods, 2015, 7, 3697-3700.	2.7	5
65	Electrogenerated chemiluminescence biosensing for the detection of prostate PC-3 cancer cells incorporating antibody as capture probe and ruthenium complex-labelled wheat germ agglutinin as signal probe. Analytica Chimica Acta, 2015, 863, 1-8.	5.4	24
66	Electrochemical determination of trypsin using a heptapeptide substrate self-assembled on a gold electrode. Mikrochimica Acta, 2015, 182, 43-49.	5.0	33
67	Electrogenerated chemiluminescence peptide-based bioassay. Reviews in Analytical Chemistry, 2014, 33, .	3.2	4
68	Mediatorless amperometric bienzyme glucose biosensor based on horseradish peroxidase and glucose oxidase cross-linked to multiwall carbon nanotubes. Mikrochimica Acta, 2014, 181, 535-541.	5.0	30
69	Sensitive electrogenerated chemiluminescence peptide-based biosensor for the determination of troponin I with gold nanoparticles amplification. Gold Bulletin, 2014, 47, 57-64.	2.4	28
70	Electrogenerated Chemiluminescence Peptide-Based Biosensor for the Determination of Prostate-Specific Antigen Based on Target-Induced Cleavage of Peptide. Analytical Chemistry, 2014, 86, 1372-1379.	6.5	114
71	Simple and highly sensitive electrogenerated chemiluminescence adenosine aptasensor formed by adsorbing a ruthenium complex-tagged aptamer on single-walled carbon nanotubes. Analytical Methods, 2014, 6, 1317.	2.7	4
72	Electrogenerated chemiluminescence aptasensor for ultrasensitive detection of thrombin incorporating an auxiliary probe. Talanta, 2014, 130, 370-376.	5.5	9

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73	Label-free supersandwich electrogenerated chemiluminescence biosensor for the determination of the HIV gene. Mikrochimica Acta, 2014, 181, 1293-1300.	5.0	14
74	Label-free and amplified electrogenerated chemiluminescence biosensing method for the determination of DNA methyltransferase activity using signal reagent-assembled graphene oxide. Electrochimica Acta, 2014, 137, 454-461.	5.2	10
75	Ultrasensitive Electrogenerated Chemiluminescence Peptide-Based Method for the Determination of Cardiac Troponin I Incorporating Amplification of Signal Reagent-Encapsulated Liposomes. Analytical Chemistry, 2013, 85, 3886-3894.	6.5	51
76	A label-free supersandwich electrogenerated chemiluminescence method for the detection of DNA methylation and assay of the methyltransferase activity. Chemical Communications, 2013, 49, 3869.	4.1	56
77	Synthesis, Electrochemistry, and Electrogenerated Chemiluminescence of Two BODIPY-Appended Bipyridine Homologues. Journal of the American Chemical Society, 2013, 135, 13558-13566.	13.7	89
78	Double electrochemical covalent coupling method based on click chemistry and diazonium chemistry for the fabrication of sensitive amperometric immunosensor. Analytica Chimica Acta, 2013, 792, 28-34.	5.4	21
79	Digital electrogenerated chemiluminescence biosensor for the determination of multiple proteins based on Boolean logic gate. Analytical Methods, 2013, 5, 612.	2.7	8
80	Highly sensitive detection of DNA using an electrochemical DNA sensor with thionine-capped DNA/gold nanoparticle conjugates as signal tags. Electrochemistry Communications, 2013, 34, 18-21.	4.7	26
81	Selective DNA detection at Zeptomole level based on coulometric measurement of gold nanoparticle-mediated electron transfer across a self-assembled monolayer. Science China Chemistry, 2013, 56, 1009-1016.	8.2	9
82	Electrochemistry and Electrogenerated Chemiluminescence of Three Phenanthrene Derivatives, Enhancement of Radical Stability, and Electrogenerated Chemiluminescence Efficiency by Substituent Groups. Journal of the American Chemical Society, 2013, 135, 9041-9049.	13.7	38
83	Sensitive and antifouling impedimetric aptasensor for the determination of thrombin in undiluted serum sample. Biosensors and Bioelectronics, 2013, 39, 324-328.	10.1	37
84	Sensitive electrochemical immunosensor array for the simultaneous detection of multiple tumor markers. Analyst, The, 2012, 137, 393-399.	3.5	40
85	Reagent-less electrogenerated chemiluminescence peptide-based biosensor for the determination of prostate-specific antigen. Talanta, 2012, 100, 162-167.	5.5	34
86	Electrochemistry and Electrogenerated Chemiluminescence of Ï€-Stacked Poly(fluorenemethylene) Oligomers. Multiple, Interacting Electron Transfers. Journal of the American Chemical Society, 2012, 134, 16265-16274.	13.7	52
87	Homogeneous electrogenerated chemiluminescence peptide-based method for determination of troponin I. Analytical Methods, 2012, 4, 2469.	2.7	11
88	Electrogenerated chemiluminescence biosensor incorporating ruthenium complex-labelled Concanavalin A as a probe for the detection of Escherichia coli. Biosensors and Bioelectronics, 2012, 35, 376-381.	10.1	40
89	Electrogenerated chemiluminescence sensor for the determination of propranolol hydrochloride. Analytical Methods, 2011, 3, 446.	2.7	20
90	Sensitive competitive flow injection chemiluminescence immunoassay for IgG using gold nanoparticle as label. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 82, 498-503.	3.9	16

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91	Ultratrace voltammetric method for the detection of DNA sequence related to human immunodeficiency virus type 1. Mikrochimica Acta, 2011, 172, 291-297.	5.0	14
92	Electrogenerated chemiluminescence aptasensor for thrombin incorporating poly(pyrrole-co-pyrrole) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 2011, 54, 1357-1364.	8.2	5
93	A signal-on electrogenerated chemiluminescent biosensor for lead ion based on DNAzyme. Analytica Chimica Acta, 2011, 683, 234-241.	5.4	35
94	Electrogenerated chemiluminesence method for the determination of riboflavin at an ionic liquid modified gold electrode. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 78, 211-215.	3.9	21
95	Electro-oxidative polymerization of phenothiazine dyes into a multilayer-containing carbon nanotube on a glassy carbon electrode for the sensitive and low-potential detection of NADH. Mikrochimica Acta, 2010, 168, 299-307.	5.0	37
96	Label-free electrochemical impedance spectroscopy biosensor for the determination of human immunoglobulin G. Mikrochimica Acta, 2010, 170, 33-38.	5.0	49
97	Nanomaterial-amplified â€œsignal off/onâ€•electrogenerated chemiluminescence aptasensors for the detection of thrombin. Biosensors and Bioelectronics, 2010, 26, 754-759.	10.1	41
98	Double Covalent Coupling Method for the Fabrication of Highly Sensitive and Reusable Electrogenerated Chemiluminescence Sensors. Analytical Chemistry, 2010, 82, 5046-5052.	6.5	98
99	Applications of Nanomaterials in Electrogenerated Chemiluminescence Biosensors. Sensors, 2009, 9, 674-695.	3.8	104
100	Detection of DNA immobilized on bare gold electrodes and gold nanoparticle-modified electrodes via electrogenerated chemiluminescence using a ruthenium complex as a tag. Mikrochimica Acta, 2009, 164, 69-76.	5.0	26
101	Electrochemical Detection of DNA Hybridization Based on the Probe Labeled with Carbonâ€Nanotubes Loaded with Silver Nanoparticles. Electroanalysis, 2008, 20, 123-130.	2.9	26
102	Electrochemical Aptasensor for the Determination of Cocaine Incorporating Gold Nanoparticles Modification. Electroanalysis, 2008, 20, 1475-1482.	2.9	61
103	Electrogenerated chemiluminescence aptamer-based method for the determination of thrombin incorporating quenching of tris(2,2â€²-bipyridine)ruthenium by ferrocene. Electrochemistry Communications, 2008, 10, 1322-1325.	4.7	71
104	Homogenous electrogenerated chemiluminescence immunoassay for human immunoglobulin G using N-(aminobutyl)-N-ethylisoluminol as luminescence label at gold nanoparticles modified paraffin-impregnated graphite electrode. Talanta, 2008, 75, 684-690.	5.5	26
105	Electrogenerated Chemiluminescence DNA Biosensor Based on Hairpin DNA Probe Labeled with Ruthenium Complex. Analytical Chemistry, 2008, 80, 2888-2894.	6.5	189
106	Electrochemical detection of DNA hybridization based on polypyrrole/ss-DNA/multi-wall carbon nanotubes paste electrode. Talanta, 2007, 72, 1030-1035.	5.5	80
107	Electrogenerated Chemiluminescence of ZnS Nanoparticles in Alkaline Aqueous Solution. Journal of Physical Chemistry C, 2007, 111, 8172-8175.	3.1	65
108	Electrogenerated chemiluminescence aptamer-based biosensor for the determination of cocaine. Electrochemistry Communications, 2007, 9, 2571-2575.	4.7	123

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109	Simultaneous Determination of Hydroquinone and Catechol at a Glassy Carbon Electrode Modified with Multiwall Carbon Nanotubes. Electroanalysis, 2005, 17, 832-838.	2.9	222
110	Energy Transfer Electrogenerated Chemiluminescence for the Determination of Sulfite. Mikrochimica Acta, 2004, 144, 155-160.	5.0	3
111	Electrogenerated chemiluminescence reaction of lucigenin with isatin at a platinum electrode. Luminescence, 2004, 19, 21-25.	2.9	12
112	Homogeneous electrogenerated chemiluminescence immunoassay for the determination of digoxin. Analytica Chimica Acta, 2004, 501, 31-35.	5.4	43