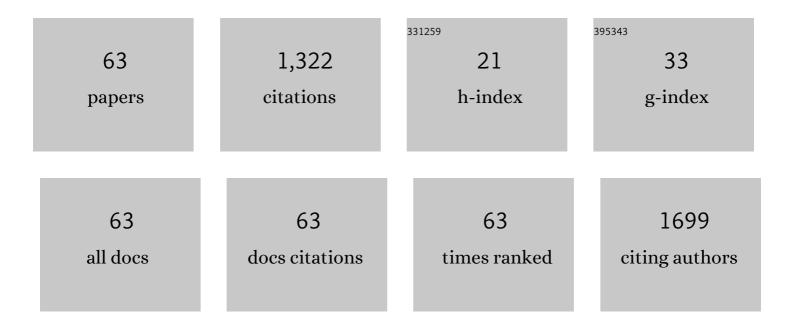
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	High-strength, anti-fatigue, stretchable self-healing polyvinyl alcohol hydrogel based on borate bonds and hydrogen bonds. Journal of Dispersion Science and Technology, 2022, 43, 690-703.	1.3	22
2	Preparation and application of a stretchable, conductive and temperature-sensitive dual-network nanocomposite hydrogel. Journal of Macromolecular Science - Pure and Applied Chemistry, 2022, 59, 72-82.	1.2	4
3	A ratiometric fluorescence sensor based on carbon quantum dots realized the quantitative and visual detection of Hg ²⁺ . Luminescence, 2022, 37, 220-229.	1.5	9
4	Ratiometric fluorescence sensor based on carbon quantum dots for visual detection of hypochlorite ions. Journal of Nanoparticle Research, 2022, 24, 1.	0.8	1
5	Cascade i-motifs-dependent reversible electrochemical impedance strategy-oriented pH and terminal deoxynucleotidyl transferase biosensing. Bioelectrochemistry, 2022, 145, 108085.	2.4	4
6	Double dynamic bonds tough hydrogel with high selfâ€healing properties based on acylhydrazone bonds and borate bonds. Polymers for Advanced Technologies, 2022, 33, 2528-2541.	1.6	7
7	Synthesis of dual cross-linked ion conductive temperature-sensitive hydrogel and its application in tunable smart window. Journal of Materials Science, 2022, 57, 12672-12684.	1.7	4
8	Conductive PNIPAM/CMCS/MWCNT/PANI hydrogel with temperature, pressure and pH sensitivity. ChemistrySelect, 2021, 6, 4229-4237.	0.7	13
9	DNA walker-mediated biosensor for target-triggered triple-mode detection of Vibrio parahaemolyticus. Biosensors and Bioelectronics, 2021, 186, 113305.	5.3	37
10	Preparation of multifunctional hydrogels with pore channels using agarose sacrificial templates and its applications. Polymers for Advanced Technologies, 2021, 32, 1752-1762.	1.6	7
11	Coenzyme A-aptamer-facilitated label-free electrochemical stripping strategy for sensitive detection of histone acetyltransferase activity. Biosensors and Bioelectronics, 2020, 150, 111934.	5.3	22
12	Faraday cage-type aptasensor for dual-mode detection of Vibrio parahaemolyticus. Mikrochimica Acta, 2020, 187, 529.	2.5	20
13	A dual-crosslinking strategy for building photoluminescence hydrogel with toughness, self-recovery, and two-color tunability. Colloid and Polymer Science, 2020, 298, 1715-1727.	1.0	5
14	A conductive polyacrylamide/double bond chitosan/polyaniline hydrogel for flexible sensing. Journal of Materials Science: Materials in Electronics, 2020, 31, 10381-10389.	1.1	11
15	A simple multifunctional PNIPAM-GO/PANI hydrogel preparation strategy and its application in dye adsorption and infrared switching. Journal of Macromolecular Science - Pure and Applied Chemistry, 2020, 57, 751-760.	1.2	10
16	Visible-Light-Excited Room Temperature Phosphorescent Carbon Dots. Nanomaterials, 2020, 10, 464.	1.9	28
17	Reprogrammable fluorescence logic sensing for biomolecules via RNA-like coenzyme A-based coordination polymer. Biosensors and Bioelectronics, 2020, 165, 112405.	5.3	5
18	Fast scan voltammetry-derived ultrasensitive Faraday cage-type electrochemical immunoassay for large-size targets. Biosensors and Bioelectronics, 2020, 163, 112277.	5.3	19

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19	A ratiometric electrochemiluminescent tetracycline assay based on the combined use of carbon nanodots, Ru(bpy)32+, and magnetic solid phase microextraction. Mikrochimica Acta, 2019, 186, 512.	2.5	15
20	Poly(vinyl alcohol)–Carbon Nanodots Fluorescent Hydrogel with Superior Mechanical Properties and Sensitive to Detection of Iron(III) Ions. Macromolecular Materials and Engineering, 2019, 304, 1900326.	1.7	23
21	A multiple signal amplification sandwich-type SERS biosensor for femtomolar detection of miRNA. Biosensors and Bioelectronics, 2019, 143, 111616.	5.3	74
22	Selfâ€Healing Hydrogel of Poly (vinyl alcohol)/Agarose with Robust Mechanical Property. Starch/Staerke, 2019, 71, 1800281.	1.1	23
23	Fast-Scan Anodic Stripping Voltammetry for Detection of Pb(II) at Picomolar Level. Russian Journal of Electrochemistry, 2019, 55, 222-228.	0.3	8
24	Ultrasensitive electrochemiluminescence immunosensor for the transcriptional co-activator p300 by using a graphene oxide monolayer and tetrahedral DNA-mediated signal amplification. Mikrochimica Acta, 2019, 186, 325.	2.5	13
25	UV lightâ€ŧunable fluorescent inks and polymer hydrogel films based on carbon nanodots and lanthanide for enhancing antiâ€counterfeiting. Luminescence, 2019, 34, 437-443.	1.5	27
26	A Novel Surfaceâ€Tethered Doubleâ€5ignal Electrochemiluminescence Sensor Based on Luminol@Au and CdS Quantum Dots for Mercury Ion Detection. ChemistrySelect, 2019, 4, 2926-2932.	0.7	5
27	Multicolor photoluminescent carbon nanodots regulated by degree of oxidation for multicolor patterning, invisible inks, and detection of metal ions. Journal of Nanoparticle Research, 2019, 21, 1.	0.8	3
28	A Faraday cage-type immunosensor for dual-modal detection of Vibrio parahaemolyticus by electrochemiluminescence and anodic stripping voltammetry. Analytica Chimica Acta, 2019, 1062, 124-130.	2.6	26
29	Ultrasensitive mushroom-like electrochemical immunosensor for probing the activity of histone acetyltransferase. Analytica Chimica Acta, 2019, 1066, 28-35.	2.6	19
30	Ultrasensitive Faraday cage-type electrochemiluminescence assay for femtomolar miRNA-141 via graphene oxide and hybridization chain reaction-assisted cascade amplification. Biosensors and Bioelectronics, 2018, 109, 13-19.	5.3	54
31	Protein-mimicking nanowire-inspired electro-catalytic biosensor for probing acetylcholinesterase activity and its inhibitors. Talanta, 2018, 183, 258-267.	2.9	16
32	Selfâ€healing hydrogel of poly(vinyl alcohol)/graphite oxide with p <scp>H</scp> â€sensitive and enhanced thermal properties. Journal of Applied Polymer Science, 2018, 135, 46143.	1.3	18
33	Design of robust and photoluminescenceâ€responsive materials based on poly(methacrylic) Tj ETQq1 1 0.78431 Journal of Applied Polymer Science, 2018, 135, 46354.	4 rgBT /O 1.3	verlock 10 Tf 6
34	A label-free electrochemical immunosensor based on multi-functionalized graphene oxide for ultrasensitive detection of microcystin-LR. Chemical Papers, 2018, 72, 71-79.	1.0	8
35	Supramolecular hydrogel of poly(vinyl alcohol)/chitosan: A dual crossâ€link design. Advances in Polymer Technology, 2018, 37, 2186-2194.	0.8	10
36	Competition-derived FRET-switching cationic conjugated polymer-Ir(III) complex probe for thrombin detection. Biosensors and Bioelectronics, 2018, 100, 132-138.	5.3	21

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37	One‣tep Constructed Electrochemiluminescence Sensor Coupled with Magnetic Enhanced Solid Phase Microextraction to Sensitively Detect Bisphenolâ€A. ChemElectroChem, 2018, 5, 2449-2457.	1.7	6
38	Potential-resolved Faraday cage-type electrochemiluminescence biosensor for simultaneous determination of miRNAs using functionalized g-C3N4 and metal organic framework nanosheets. Biosensors and Bioelectronics, 2018, 118, 247-252.	5.3	60
39	A Novel Surfaceâ€ŧethered Analysis Method for Mercury (II) ion Detection via Selfâ€assembly of Individual Electrochemiluminescence Signal Units. Electroanalysis, 2018, 30, 859-867.	1.5	3
40	Self-healing supramolecular hydrogel of poly(vinyl alcohol)/chitosan carbon dots. Journal of Materials Science, 2017, 52, 10614-10623.	1.7	41
41	In situ grown DNA nanotail-templated silver nanoclusters enabling label-free electrochemical sensing of terminal deoxynucleotidyl transferase activity. Biosensors and Bioelectronics, 2017, 98, 91-99.	5.3	44
42	Potential-resolved "in-electrode―type electrochemiluminescence immunoassay based on functionalized g-C 3 N 4 nanosheet and Ru-NH 2 for simultaneous determination of dual targets. Biosensors and Bioelectronics, 2017, 95, 27-33.	5.3	37
43	Signal-on electrochemical assay for label-free detection of TdT and BamHI activity based on grown DNA nanowire-templated copper nanoclusters. Analytical and Bioanalytical Chemistry, 2017, 409, 6677-6688.	1.9	12
44	Electrochemiluminescence Immunosensor Based on Functionalized Graphene/Fe ₃ O ₄ â€Au Magnetic Capture Probes for Ultrasensitive Detection of Tetrodotoxin. Electroanalysis, 2017, 29, 2098-2105.	1.5	12
45	Electrochemical luminescence determination of hyperin using a sol-gel@graphene luminescent composite film modified electrode for solid phase microextraction. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 173, 843-848.	2.0	15
46	Electrochemiluminescence Aptasensor for the MUC1 Protein Based on Multiâ€functionalized Graphene Oxide Nanocomposite. Electroanalysis, 2016, 28, 1504-1509.	1.5	10
47	A poly(2-(dimethylamino)ethyl methacrylate-co-methacrylic acid) complex induced route to fabricate a super-hydrophilic hydrogel and its controllable oil/water separation. RSC Advances, 2016, 6, 40656-40663.	1.7	36
48	An "in-electrode―type immunosensing strategy for the detection of squamous cell carcinoma antigen based on electrochemiluminescent AuNPs/g-C 3 N 4 nanocomposites. Talanta, 2016, 160, 247-255.	2.9	27
49	Faraday cage-type electrochemiluminescence immunosensor for ultrasensitive detection of Vibrio vulnificus based on multi-functionalized graphene oxide. Analytical and Bioanalytical Chemistry, 2016, 408, 7203-7211.	1.9	17
50	Openâ€cell polypropylene/polyolefin elastomer blend foams fabricated for reusable oilâ€sorption materials. Journal of Applied Polymer Science, 2016, 133, .	1.3	30
51	In-electrode vs. on-electrode: ultrasensitive Faraday cage-type electrochemiluminescence immunoassay. Chemical Communications, 2016, 52, 4621-4624.	2.2	42
52	A label-free multi-functionalized graphene oxide based electrochemiluminscence immunosensor for ultrasensitive and rapid detection of Vibrio parahaemolyticus in seawater and seafood. Talanta, 2016, 147, 220-225.	2.9	52
53	A test strip for lead(II) based on gold nanoparticles multi-functionalized by DNAzyme and barcode DNA. Journal of Analytical Chemistry, 2015, 70, 339-345.	0.4	12
54	A one-step electrochemiluminescence immunosensor preparation for ultrasensitive detection of carbohydrate antigen 19-9 based on multi-functionalized graphene oxide. Biosensors and Bioelectronics, 2015, 66, 468-473.	5.3	51

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55	Determination of Nanomolar Levels of Mercury(II) by Exploiting the Silver Stain Enhancement of the Aggregation of Aptamer-Functionalized Gold Nanoparticles. Analytical Letters, 2014, 47, 795-806.	1.0	7
56	Solid-phase microextraction of Methylene Blue using carboxy graphene-modified steel wires, and its detection by electrochemiluminescence. Mikrochimica Acta, 2014, 181, 427-433.	2.5	16
57	Electrochemiluminescence Sensor for Selective Preconcentration and Sensitive Detection of Napropamide Using Waterâ€oluble Sulfonated Graphene. Electroanalysis, 2014, 26, 849-855.	1.5	7
58	Ionic liquid-based hollow fiber-supported liquid-phase microextraction enhanced electrically for the determination of neutral red. Journal of Food and Drug Analysis, 2014, 22, 418-424.	0.9	16
59	Multiplex electrochemiluminescence immunoassay of two tumor markers using multicolor quantum dots as labels and graphene asconductingbridge. Biosensors and Bioelectronics, 2013, 44, 101-107.	5.3	113
60	Removal of Organic Dyes in Environmental Water onto Magneticâ€ S ulfonic Graphene Nanocomposite. Clean - Soil, Air, Water, 2013, 41, 992-1001.	0.7	25
61	Development of electrochemiluminescent inhibition method for determination of gentian violet in aquatic water. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 89, 25-29.	2.0	9
62	Highly-sensitive ion selective electrode based on molecularly imprinted polymer particles for determination of tetracycline in aqueous samples. Russian Journal of Electrochemistry, 2011, 47, 940-947.	0.3	9
63	Study on ionic liquid [bmim]PF6 and [hmim]PF6 as plasticizer for PVC paste resin. Polymer Bulletin, 2011, 67, 1273-1283.	1.7	16