

# Yangping Wen

## List of Publications by Year in descending order

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111  
papers

3,558  
citations

101543

36  
h-index

182427

51  
g-index

112  
all docs

112  
docs citations

112  
times ranked

3494  
citing authors

#	ARTICLE	IF	CITATIONS
1	Scientific Importance of Water-Processable PEDOT-PSS and Preparation, Challenge and New Application in Sensors of Its Film Electrode: A Review. <i>Journal of Polymer Science Part A</i> , 2017, 55, 1121-1150.	2.3	256
2	A stable sandwich-type amperometric biosensor based on poly(3,4-ethylenedioxythiophene)-single walled carbon nanotubes/ascorbate oxidase/nafion films for detection of L-ascorbic acid. <i>Sensors and Actuators B: Chemical</i> , 2011, 159, 277-285.	7.8	92
3	Facile preparation of highly water-stable and flexible PEDOT:PSS organic/inorganic composite materials and their application in electrochemical sensors. <i>Sensors and Actuators B: Chemical</i> , 2014, 196, 357-369.	7.8	89
4	A facile one-step redox route for the synthesis of graphene/poly (3,4-ethylenedioxythiophene) nanocomposite and their applications in biosensing. <i>Sensors and Actuators B: Chemical</i> , 2013, 181, 567-574.	7.8	80
5	Electrochemical recognition and trace-level detection of bactericide carbendazim using carboxylic group functionalized poly(3,4-ethylenedioxythiophene) mimic electrode. <i>Analytica Chimica Acta</i> , 2014, 831, 38-49.	5.4	75
6	Electroactive species-doped poly(3,4-ethylenedioxythiophene) films: Enhanced sensitivity for electrochemical simultaneous determination of vitamins B2, B6 and C. <i>Biosensors and Bioelectronics</i> , 2013, 50, 244-250.	10.1	74
7	A novel graphene-like titanium carbide MXene/Au-Ag nanoshuttles bifunctional nanosensor for electrochemical and SERS intelligent analysis of ultra-trace carbendazim coupled with machine learning. <i>Ceramics International</i> , 2021, 47, 173-184.	4.8	73
8	Portable wireless intelligent sensing of ultra-trace phytohormone 1-naphthalene acetic acid using self-assembled phosphorene/Ti3C2-MXene nanohybrid with high ambient stability on laser induced porous graphene as nanozyme flexible electrode. <i>Biosensors and Bioelectronics</i> , 2021, 179, 113062.	10.1	68
9	Synthesis and characterization of Ag-ion-exchanged zeolite/TiO2 nanocomposites for antibacterial applications and photocatalytic degradation of antibiotics. <i>Environmental Research</i> , 2022, 207, 112157.	7.5	62
10	Simple voltammetric analyses of ochratoxin A in food samples using highly-stable and anti-fouling black phosphorene nanosensor. <i>Electrochimica Acta</i> , 2018, 282, 490-498.	5.2	60
11	In-situ reduction of Ag+ on black phosphorene and its NH2-MWCNT nanohybrid with high stability and dispersibility as nanozyme sensor for three ATP metabolites. <i>Biosensors and Bioelectronics</i> , 2019, 145, 111716.	10.1	60
12	Facile fabrication of a cost-effective, water-soluble, and electrosynthesized poly(9-aminofluorene) fluorescent sensor for the selective and sensitive detection of Fe(III) and inorganic phosphates. <i>Sensors and Actuators B: Chemical</i> , 2012, 171-172, 786-794.	7.8	59
13	Electrochemical polymerization of 3,4-ethylenedioxythiophene in aqueous micellar solution containing biocompatible amino acid-based surfactant. <i>Journal of Electroanalytical Chemistry</i> , 2009, 634, 49-58.	3.8	55
14	Facile synthesis of the necklace-like graphene oxide-multi-walled carbon nanotube nanohybrid and its application in electrochemical sensing of Azithromycin. <i>Analytica Chimica Acta</i> , 2013, 787, 50-56.	5.4	55
15	MoS2/MWCNTs porous nanohybrid network with oxidase-like characteristic as electrochemical nanozyme sensor coupled with machine learning for intelligent analysis of carbendazim. <i>Journal of Electroanalytical Chemistry</i> , 2020, 862, 113940.	3.8	54
16	Synthesis and Characterization of PEDOT Derivative with Carboxyl Group and Its Chemo/Bio Sensing Application as Nanocomposite, Immobilized Biological and Enhanced Optical Materials. <i>Electrochimica Acta</i> , 2014, 116, 343-354.	5.2	51
17	Rapid and sensitive stripping voltammetric analysis of methyl parathion in vegetable samples at carboxylic acid-functionalized SWCNTs- $\beta$ -cyclodextrin modified electrode. <i>Journal of Electroanalytical Chemistry</i> , 2014, 713, 1-8.	3.8	50
18	Electropolymerized molecularly imprinted polypyrrole decorated with black phosphorene quantum dots onto poly(3,4-ethylenedioxythiophene) nanorods and its voltammetric sensing of vitamin C. <i>Journal of Electroanalytical Chemistry</i> , 2018, 814, 153-160.	3.8	49

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19	A vitamin C electrochemical biosensor based on one-step immobilization of ascorbate oxidase in the biocompatible conducting poly(3,4-ethylenedioxythiophene)-lauroylsarcosinate film for agricultural application in crops. <i>Journal of Electroanalytical Chemistry</i> , 2012, 674, 71-82.	3.8	48
20	One-step coelectrodeposition-assisted layer-by-layer assembly of gold nanoparticles and reduced graphene oxide and its self-healing three-dimensional nanohybrid for an ultrasensitive DNA sensor. <i>Nanoscale</i> , 2018, 10, 1196-1206.	5.6	48
21	A highly-sensitive and selective antibody-like sensor based on molecularly imprinted poly(L-arginine) on COOH-MWCNTs for electrochemical recognition and detection of deoxynivalenol. <i>Food Chemistry</i> , 2021, 350, 129229.	8.2	48
22	Electrochemical sensor based on f-SWCNT and carboxylic group functionalized PEDOT for the sensitive determination of bisphenol A. <i>Chinese Chemical Letters</i> , 2014, 25, 517-522.	9.0	47
23	Electrochemical detection combined with machine learning for intelligent sensing of maleic hydrazide by using carboxylated PEDOT modified with copper nanoparticles. <i>Mikrochimica Acta</i> , 2019, 186, 543.	5.0	47
24	Highly Sensitive Detection of Carbendazim and Its Electrochemical Oxidation Mechanism at a Nanohybrid Sensor. <i>Journal of the Electrochemical Society</i> , 2019, 166, B322-B327.	2.9	47
25	One-step synthesis of poly(3,4-ethylenedioxythiophene)@Au composites and their application for the detection of nitrite. <i>Synthetic Metals</i> , 2013, 164, 47-51.	3.9	46
26	Water-dispersed carboxymethyl cellulose-montmorillonite-single walled carbon nanotube composite with enhanced sensing performance for simultaneous voltammetric determination of two trace phytohormones. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 2023-2037.	2.5	46
27	Hierarchically Porous Carbon Microsphere Doped with Phosphorus as a High Conductive Electrocatalyst for Oxidase-like Sensors and Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 9937-9946.	6.7	46
28	An Amperometric Biosensor Based on Ascorbate Oxidase Immobilized in Poly(3,4-ethylenedioxythiophene)/Multi-Walled Carbon Nanotubes Composite Films for the Determination of L-Ascorbic Acid. <i>Analytical Sciences</i> , 2011, 27, 477-482.	1.6	45
29	Simultaneous analysis of uric acid, xanthine and hypoxanthine using voltammetric sensor based on nanocomposite of palygorskite and nitrogen doped graphene. <i>Journal of Electroanalytical Chemistry</i> , 2017, 805, 159-170.	3.8	44
30	Lotus seedpods biochar decorated molybdenum disulfide for portable, flexible, outdoor and inexpensive sensing of hyperin. <i>Chemosphere</i> , 2022, 301, 134595.	8.2	44
31	Electrochemical determination of quercetin by self-assembled platinum nanoparticles/poly(hydroxymethylated-3,4-ethylenedioxythiophene) nanocomposite modified glassy carbon electrode. <i>Chinese Chemical Letters</i> , 2014, 25, 505-510.	9.0	42
32	Trace analysis of Ponceau 4R in soft drinks using differential pulse stripping voltammetry at SWCNTs composite electrodes based on PEDOT:PSS derivatives. <i>Food Chemistry</i> , 2015, 180, 186-193.	8.2	42
33	Conducting poly(3,4-ethylenedioxythiophene):poly(styrene- sulfonate) film electrode with superior long-term electrode stability in water and synergistically enhanced electrocatalytic ability for application in electrochemical sensors. <i>Synthetic Metals</i> , 2015, 204, 39-47.	3.9	42
34	Differential pulse stripping voltammetric determination of molluscicide niclosamide using three different carbon nanomaterials modified electrodes. <i>Electrochimica Acta</i> , 2014, 127, 86-94.	5.2	41
35	Electrosynthesis and characterization of poly(hydroxy-methylated-3,4-ethylenedioxythiophene) film in aqueous micellar solution and its biosensing application. <i>Chinese Journal of Polymer Science (English)</i> Tj ETQq1 1 03784314 rgeT /Overl	3.7	41
36	Influence of in-house produced biochars on cracks and retained water during drying-wetting cycles: comparison between conventional plant, animal, and nano-biochars. <i>Journal of Soils and Sediments</i> , 2020, 20, 1983-1996.	3.0	37

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37	Nanohybrid sensor based on carboxyl functionalized graphene dispersed palygorskite for voltammetric determination of niclosamide. <i>Applied Clay Science</i> , 2017, 143, 57-66.	5.2	36
38	A highly-sensitive VB2 electrochemical sensor based on one-step co-electrodeposited molecularly imprinted WS2-PEDOT film supported on graphene oxide-SWCNTs nanocomposite. <i>Materials Science and Engineering C</i> , 2018, 92, 77-87.	7.3	36
39	Layer-by-Layer-Assembled AuNPs-Decorated First-Generation Poly(amidoamine) Dendrimer with Reduced Graphene Oxide Core as Highly Sensitive Biosensing Platform with Controllable 3D Nanoarchitecture for Rapid Voltammetric Analysis of Ultratrace DNA Hybridization. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 21541-21555.	8.0	36
40	Preparation of black phosphorus-PEDOT:PSS hybrid semiconductor composites with good film-forming properties and environmental stability in water containing oxygen. <i>RSC Advances</i> , 2016, 6, 76174-76182.	3.6	35
41	Voltammetric determination of phytoinhibitor maleic hydrazide using PEDOT:PSS composite electrode. <i>Journal of Electroanalytical Chemistry</i> , 2015, 751, 65-74.	3.8	33
42	A highly stable black phosphorene nanocomposite for voltammetric detection of clenbuterol. <i>Mikrochimica Acta</i> , 2018, 185, 566.	5.0	33
43	Mass preparation of micro/nano-powders of biochar with water-dispersibility and their potential application. <i>New Journal of Chemistry</i> , 2017, 41, 9649-9657.	2.8	32
44	Electrochemical sensing application of poly(acrylic acid modified EDOT-co-EDOT):PSS and its inorganic nanocomposite with high soaking stability, adhesion ability and flexibility. <i>RSC Advances</i> , 2015, 5, 12237-12247.	3.6	31
45	Novel highly selective fluorescent sensor based on electrosynthesized poly(9-fluorencarboxylic) Tj ETQq1 1 0.784314 rgBT /Overlock Actuators B: Chemical, 2016, 230, 123-129.	7.8	30
46	Phosphorene nanocomposite with high environmental stability and antifouling capability for simultaneous sensing of clenbuterol and ractopamine. <i>Mikrochimica Acta</i> , 2019, 186, 836.	5.0	30
47	Rapid detection of chlorpyrifos pesticide residue in tea using surface-enhanced Raman spectroscopy combined with chemometrics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 250, 119366.	3.9	30
48	A Novel Cysteine Electrochemical Sensor Using Sulfonated Graphene-poly(3,4-ethylenedioxythiophene) Composite Film Decorated with Gold Nanoparticles. <i>Electroanalysis</i> , 2014, 26, 648-655.	2.9	29
49	Imprinted voltammetric streptomycin sensor based on a glassy carbon electrode modified with electropolymerized poly(pyrrole-3-carboxy acid) and electrochemically reduced graphene oxide. <i>Mikrochimica Acta</i> , 2017, 184, 935-941.	5.0	29
50	Highly sensitive fluorescent sensor based on electrosynthesized poly(Fmoc-l-serine) enables ultra-trace analysis of Cr <sup>2+</sup> in water and agro-product samples. <i>Sensors and Actuators B: Chemical</i> , 2018, 277, 394-400.	7.8	28
51	Nanobody-based electrochemical competitive immunosensor for the detection of AFB1 through AFB1-HCR as signal amplifier. <i>Mikrochimica Acta</i> , 2020, 187, 352.	5.0	28
52	Facile and rapid one-step mass production of flexible 3D porous graphene nanozyme electrode via direct laser-writing for intelligent evaluation of fish freshness. <i>Microchemical Journal</i> , 2021, 162, 105855.	4.5	28
53	A novel electrochemical biosensing platform based on poly(3,4-ethylenedioxythiophene):poly(styrenesulfonate) composites. <i>Synthetic Metals</i> , 2012, 162, 1308-1314.	3.9	27
54	A cost-effective and practical polybenzanthrone-based fluorescent sensor for efficient determination of palladium (II) ion and its application in agricultural crops and environment. <i>Analytica Chimica Acta</i> , 2013, 805, 87-94.	5.4	27

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55	Carboxymethyl cellulose assisted preparation of water-processable halloysite nanotubular composites with carboxyl-functionalized multi-carbon nanotubes for simultaneous voltammetric detection of uric acid, guanine and adenine in biological samples. <i>Journal of Electroanalytical Chemistry</i> , 2016, 780, 103-113.	3.8	27
56	Characterization of PEDOT:PSS-reduced graphene oxide@Pd composite electrode and its application in voltammetric determination of vitamin K3. <i>Journal of Electroanalytical Chemistry</i> , 2016, 775, 258-266.	3.8	27
57	One-step co-electrodeposition of graphene oxide doped poly(hydroxymethylated-3,4-ethylenedioxythiophene) film and its electrochemical studies of indole-3-acetic acid. <i>Chinese Chemical Letters</i> , 2014, 25, 511-516.	9.0	25
58	pH-controlled voltammetric behaviors and detection of phytohormone 6-benzylaminopurine using MWCNT/GCE. <i>Journal of Electroanalytical Chemistry</i> , 2015, 750, 89-99.	3.8	24
59	The electro-synthesized imprinted PEDOT film as a simple voltammetric sensor for highly sensitive and selective detection of vitamin K3 in poultry drug samples. <i>Synthetic Metals</i> , 2017, 230, 79-88.	3.9	24
60	Layer-by-layer assembled gold nanoparticles/lower-generation (Gn%) polyamidoamine dendrimers-grafted reduced graphene oxide nanohybrids with 3D fractal architecture for fast, ultra-trace, and label-free electrochemical gene nanobiosensors. <i>Biosensors and Bioelectronics</i> , 2018, 120, 55-63.	10.1	24
61	An emerging machine learning strategy for the assisted design of high-performance supercapacitor materials by mining the relationship between capacitance and structural features of porous carbon. <i>Journal of Electroanalytical Chemistry</i> , 2021, 899, 115684.	3.8	22
62	Detection and electrocatalytic mechanism of zearalenone using nanohybrid sensor based on copper-based metal-organic framework/magnetic Fe3O4-graphene oxide modified electrode. <i>Food Chemistry</i> , 2022, 370, 131024.	8.2	22
63	Electrochemical immobilization of ascorbate oxidase in poly(3,4-ethylenedioxythiophene)/multiwalled carbon nanotubes composite films. <i>Journal of Applied Polymer Science</i> , 2011, 122, 1142-1151.	2.6	21
64	Poly(3,4-ethylenedioxythiophene methanol)/ascorbate oxidase/nafion-single-walled carbon nanotubes biosensor for voltammetric detection of Vitamin C. <i>Chinese Journal of Polymer Science (English)</i> Tj ETQqO 0 0 rgBT # Overlock 10 Tf 50 3	4.9	20
65	Voltammetric determination of catechin using single-walled carbon nanotubes/poly(hydroxymethylated-3,4-ethylenedioxythiophene) composite modified electrode. <i>Ionics</i> , 2015, 21, 2927-2936.	2.4	19
66	A novel nanozyme comprised of electro-synthesized molecularly imprinted conducting PEDOT nanocomposite with graphene-like MoS2 for electrochemical sensing of luteolin. <i>Microchemical Journal</i> , 2021, 168, 106418.	4.5	19
67	A Fast Strategy for Determination of Vitamin B9 in Food and Pharmaceutical Samples Using an Ionic Liquid-Modified Nanostructure Voltammetric Sensor. <i>Sensors</i> , 2016, 16, 747.	3.8	18
68	Electrocatalytic Determination of Cysteamine Uses a Nanostructure Based Electrochemical Sensor in Pharmaceutical Samples. <i>Current Analytical Chemistry</i> , 2016, 13, 40-45.	1.2	18
69	A Simple and Sensitive Method for the Voltammetric Analysis of Theobromine in Food Samples Using Nanobiocomposite Sensor. <i>Food Analytical Methods</i> , 2017, 10, 3375-3384.	2.6	18
70	Highly selective fluorescent sensor based on electrosynthesized oligo(1-pyreneboronic acid) enables ultra-trace analysis of Cu2+ in environment and agro-product samples. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 224-230.	7.8	18
71	Polypyrrole multiwalled carbon nanotubes composites as immobilizing matrices of ascorbate oxidase for the facile fabrication of an amperometric vitamin C biosensor. <i>Journal of Applied Polymer Science</i> , 2012, 126, 882-893.	2.6	17
72	Highly selective fluorescent sensing of fluoride ion based on a conjugated polymer thin film-Fe3+ complex. <i>Analytica Chimica Acta</i> , 2017, 967, 78-84.	5.4	17

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73	Electrochemical behaviors of roxithromycin at poly(3,4-ethylenedioxythiophene) modified gold electrode and its electrochemical determination. <i>Electrochimica Acta</i> , 2012, 72, 179-185.	5.2	16
74	Electrosynthesis, characterization, and application of poly(3,4-ethylenedioxythiophene) derivative with a chloromethyl functionality. <i>Journal of Applied Polymer Science</i> , 2013, 130, 2660-2670.	2.6	16
75	Facile fabrication of fluorescent poly(5-cyanoindole) thin film sensor via electropolymerization for detection of Fe <sup>3+</sup> in aqueous solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 314, 22-28.	3.9	16
76	An emerging machine learning strategy for electrochemical sensor and supercapacitor using carbonized metal-organic framework. <i>Journal of Electroanalytical Chemistry</i> , 2022, 920, 116634.	3.8	16
77	One-step electrosynthesis of poly(3,4-ethylenedioxy-thiophene)-ethylsulfate matrix for fabricating vitamin C electrochemical biosensor and its determination in commercial juices. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 3725-3738.	2.5	15
78	Efficient Fluorescent Recognition of Carboxylates in Aqueous Media Using Facilely Electrosynthesized Poly(9-Aminofluorene). <i>Journal of Fluorescence</i> , 2013, 23, 1053-1063.	2.5	15
79	Application of commercial poly(3,4-ethylenedioxy-thiophene):poly(styrene sulfonate) for electrochemical sensing of dopamine. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 1397-1411.	0.8	15
80	Intelligent analysis of maleic hydrazide using a simple electrochemical sensor coupled with machine learning. <i>Analytical Methods</i> , 2021, 13, 4662-4673.	2.7	15
81	A portable wireless intelligent electrochemical sensor based on layer-by-layer sandwiched nanohybrid for terbutaline in meat products. <i>Food Chemistry</i> , 2022, 371, 131140.	8.2	15
82	Green synthesis of kudzu vine biochar decorated graphene-like MoSe <sub>2</sub> with the oxidase-like activity as intelligent nanozyme sensing platform for hesperetin. <i>Chemosphere</i> , 2022, 289, 133116.	8.2	15
83	Electrosynthesis, characterization and optical sensing application of amino acid functionalized polyfluorene. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2016, 34, 229-241.	3.8	14
84	Highly Sensitive Electrochemical Sensor Based on PEDOT:PSS- $\gamma$ -CD-SWCNT-COOH Modified Glassy Carbon Electrode Enables Trace Analysis Shikonin. <i>Journal of the Electrochemical Society</i> , 2019, 166, B388-B394.	2.9	14
85	Green preparation of amorphous molybdenum sulfide nanocomposite with biochar microsphere and its voltametric sensing platform for smart analysis of baicalin. <i>Journal of Electroanalytical Chemistry</i> , 2021, 898, 115591.	3.8	14
86	Nano-ZnS decorated hierarchically porous carbon electrocatalyst with multiple enzyme-like activities as a nanozyme sensing platform for simultaneous detection of dopamine, uric acid, guanine, and adenine. <i>Nanoscale</i> , 2021, 13, 20078-20090.	5.6	14
87	An amperometric biosensor based on covalent immobilization of ascorbate oxidase on biocompatible and low-toxic poly(thiophene-3-acetic acid) matrix. <i>Chinese Journal of Polymer Science (English)</i> Tj ETQq1 1 0.784334 rgBT / Overlock 10	0.784334	10
88	Electrochemical Determination of the Anticancer Herbal Drug Shikonin at a Nanostructured Poly(hydroxymethylated-3,4-ethylenedioxythiophene) Modified Electrode. <i>Electroanalysis</i> , 2013, 25, 2244-2250.	2.9	13
89	Multiwalled Carbon Nanotube-N-Doped Graphene/Poly(3,4-ethylenedioxythiophene):Poly(styrenesulfonate) Nanohybrid for Electrochemical Application in Intelligent Sensors and Supercapacitors. <i>ACS Omega</i> , 2020, 5, 28452-28462.	3.5	13
90	Multifunctional Porous Nanohybrid Based on Graphene-Like Tungsten Disulfide on Poly(3,4-ethoxylenedioxythiophene) for Supercapacitor and Electrochemical Nanosensing of Quercetin. <i>Journal of the Electrochemical Society</i> , 2020, 167, 047512.	2.9	13



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91	A Low-Cost Wireless Intelligent Portable Sensor Based on Disposable Laser-Induced Porous Graphene Flexible Electrode Decorated by Gold Nanoshells for Rapid Detection of Sulfonamides in Aquatic Products. <i>Food Analytical Methods</i> , 2022, 15, 1471-1481.	2.6	13
92	Amperometric Vitamin C Biosensor Based on the Immobilization of Ascorbate Oxidase into the Biocompatible Sandwich-Type Composite Film. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 2023-2038.	2.9	12
93	Electrosynthesis of Poly(thiophene-3-acetic Acid) Film in Ionic Liquids for Covalent Immobilization of Biologically Active Species. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2013, 62, 437-443.	3.4	12
94	Development of solution-dispersible hyperbranched conjugated polymer nanoparticles for Fe <sup>3+</sup> fluorescent detection and their application in logic gate. <i>Journal of Polymer Science Part A</i> , 2016, 54, 3694-3700.	2.3	12
95	One step electrosynthesis of conjugated polymers thin film for Fe <sup>3+</sup> detection and its potential application. <i>Sensors and Actuators B: Chemical</i> , 2016, 237, 59-66.	7.8	12
96	Induction of defense responses against <i>Magnaporthe oryzae</i> in rice seedling by a new potential biocontrol agent <i>Streptomyces</i> JD211. <i>Journal of Basic Microbiology</i> , 2018, 58, 686-697.	3.3	12
97	Poly(thiophene-3-acetic acid)-palladium nanoparticle composite modified electrodes for supersensitive determination of hydrazine. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2013, 31, 419-426.	3.8	11
98	Poly(3,4-ethylenedioxythiophene): poly(styrenesulfonate) composite electrode as sensing platform for the simultaneous electrochemical determination of dihydroxybenzene isomers. <i>Monatshefte für Chemie</i> , 2014, 145, 137-146.	1.8	11
99	Nanohybrid sensor for simple, cheap, and sensitive electrochemical recognition and detection of methylglyoxal as chemical markers. <i>Journal of Electroanalytical Chemistry</i> , 2019, 839, 177-186.	3.8	11
100	Development of a simple disposable laser-induced porous graphene flexible electrode for portable wireless intelligent voltammetric nanosensing of salicylic acid in agro-products. <i>Computers and Electronics in Agriculture</i> , 2021, 191, 106502.	7.7	11
101	Soft template assisted hydrothermal synthesis of phosphorus doped porous carbon spheres with tunable microstructure as electrochemical nanozyme sensor for distinguishable detection of two flavonoids coupled with derivative voltammetry. <i>Journal of Electroanalytical Chemistry</i> , 2021, 897, 115563.	3.8	10
102	A simple rapid portable immunoassay of trace zearalenone in feed ingredients and agricultural food. <i>Journal of Food Composition and Analysis</i> , 2022, 107, 104292.	3.9	10
103	Ascorbate oxidase electrochemical biosensor based on the biocompatible poly(3,4-ethylenedioxythiophene) film. <i>Sensors</i> , 2012, 23, 221-224.	9.0	9
104	A stable nanosilver decorated phosphorene nanozyme with phosphorus-doped porous carbon microsphere for intelligent sensing of 8-hydroxy-2'-deoxyguanosine. <i>Journal of Electroanalytical Chemistry</i> , 2021, 895, 115522.	3.8	8
105	Highly sensitive fluorescent chemical sensor for trace analysis of Cr <sup>3+</sup> using electro-synthesized poly(N-(9-fluorenylmethoxycarbonyl)-L-histidine). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 191, 79-87.	3.9	7
106	An Emerging Machine Learning Strategy for the Fabrication of Nanozyme Sensor and Voltammetric Determination of Benomyl In Agro-Products. <i>Journal of the Electrochemical Society</i> , 2022, 169, 047506.	2.9	7
107	Electrochemical Nanozyme Sensor Based on MoS <sub>2</sub> -COOH-MWCNT Nanohybrid for a New Plant Growth Regulator 5-Nitroguaiacol. <i>Food Analytical Methods</i> , 2020, 13, 2028-2038.	2.6	6
108	Ionic liquid-assisted ultrasonic exfoliation of phosphorene nanocomposite with single walled carbon nanohorn as nanozyme sensor for derivative voltammetric smart analysis of 5-hydroxytryptamine. <i>Microchemical Journal</i> , 2021, 170, 106697.	4.5	5

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109	Extractive Removal of Basic and Neutral Nitrogen Compounds from Naphtha and Kerosene by Deep Eutectic Solvents Based on Triethylamine and Aromatic Acids. <i>Petroleum Chemistry</i> , 2021, 61, 1052-1060.	1.4	4
110	Simple Preparation of Poly(3,4-ethylenedioxythiophene): Poly(styrenesulfonate) Modified Electrode for Application in Sensing and Biosensing Devices. <i>Advanced Materials Research</i> , 2012, 466-467, 17-22.	0.3	1
111	iTRAQ-based proteomic analysis of rice seedlings' resistance induced by <i>Streptomyces</i> JD211 against <i>Magnaporthe oryzae</i> . <i>Journal of Plant Interactions</i> , 2022, 17, 475-484.	2.1	0