

Conducting Nanomaterial Sensor Using Natural Recept

Chemical Reviews

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A succinct review of refined chemical sensor systems based on conducting polymer-cyclodextrin hybrids. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 79, 19-28.	2.9	22
2	Layer-by-Layer Assembly of High-Performance Electroactive Composites Using a Multiple Charged Small Molecule. <i>Langmuir</i> , 2019, 35, 10367-10373.	1.6	5
3	Molecular Crowding Evolution for Enabling Discovery of Enthalpy-Driven Aptamers for Robust Biomedical Applications. <i>Analytical Chemistry</i> , 2019, 91, 10879-10886.	3.2	34
4	Simulation-Informed Urban Design: Improving Urban Microclimate in Real-World Practice in a High Density City.. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 329, 012047.	0.2	7
5	Disease Detection with Molecular Biomarkers: From Chemistry of Body Fluids to Nature-Inspired Chemical Sensors. <i>Chemical Reviews</i> , 2019, 119, 11761-11817.	23.0	269
6	Carbon Nanotube/Conducting Polymer Hybrid Nanofibers as Novel Organic Bioelectronic Interfaces for Efficient Removal of Protein-Bound Uremic Toxins. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 43843-43856.	4.0	40
7	S-Layer Protein Coated Carbon Nanotubes. <i>Coatings</i> , 2019, 9, 492.	1.2	8
8	Ultrasensitive, Selective, and Highly Stable Bioelectronic Nose That Detects the Liquid and Gaseous Cadaverine. <i>Analytical Chemistry</i> , 2019, 91, 12181-12190.	3.2	36
9	Chemical Sensing Platforms Based on Organic Thin-Film Transistors Functionalized with Artificial Receptors. <i>ACS Sensors</i> , 2019, 4, 2571-2587.	4.0	62
10	Conjugation of Carbon Dots with β -Galactosidase Enzyme: Surface Chemistry and Use in Biosensing. <i>Molecules</i> , 2019, 24, 3275.	1.7	19
11	Enhancing bioelectricity generation in microbial fuel cells and biophotovoltaics using nanomaterials. <i>Nano Research</i> , 2019, 12, 2184-2199.	5.8	51
12	Smartphone with optical, physical, and electrochemical nanobiosensors. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 77, 1-11.	2.9	53
13	Fabrication and Optimization of Conductive Paper Based on Screen-Printed Polyaniline/Graphene Patterns for Nerve Agent Detection. <i>ACS Omega</i> , 2019, 4, 5586-5594.	1.6	28
14	Charge Transport and Thermoelectric Properties of Carbon Sulfide Nanobelts in Single-Molecule Sensors. <i>Chemistry of Materials</i> , 2019, 31, 6506-6518.	3.2	14
15	Conducting Nanomaterial Sensor Using Natural Receptors. <i>Chemical Reviews</i> , 2019, 119, 36-93.	23.0	159
16	A redox interaction-engaged strategy for multicomponent nanomaterials. <i>Chemical Society Reviews</i> , 2020, 49, 736-764.	18.7	32
17	Cytochrome C-decorated graphene field-effect transistor for highly sensitive hydrogen peroxide detection. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 83, 29-34.	2.9	32
18	Application of nanotechnology based-biosensors in analysis of wine compounds and control of wine quality and safety: A critical review. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 3271-3289.	5.4	19

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19	Natural receptor-based competitive immunoelectrochemical assay for ultra-sensitive detection of Siglec 15. <i>Biosensors and Bioelectronics</i> , 2020, 151, 111950.	5.3	6
20	Bioelectronic tongue: Current status and perspectives. <i>Biosensors and Bioelectronics</i> , 2020, 150, 111923.	5.3	43
21	Conductive cellulose nanofibrils-reinforced hydrogels with synergetic strength, toughness, self-adhesion, flexibility and adjustable strain responsiveness. <i>Carbohydrate Polymers</i> , 2020, 250, 117010.	5.1	74
22	pH induced size tuning of Gd ₂ Hf ₂ O ₇ :Eu ³⁺ nanoparticles and its effect on their UV and X-ray excited luminescence. <i>Journal of Luminescence</i> , 2020, 228, 117605.	1.5	9
23	Nitrogen-doped carbon coated TiC nanofiber arrays deposited on Ti-6Al-4V for selective and sensitive electrochemical detection of dopamine. <i>Surface and Coatings Technology</i> , 2020, 402, 126266.	2.2	3
24	High-performance portable graphene field-effect transistor device for detecting Gram-positive and -negative bacteria. <i>Biosensors and Bioelectronics</i> , 2020, 167, 112514.	5.3	39
25	A Mimosa-Inspired Cell-Surface-Anchored Ratiometric DNA Nanosensor for High-Resolution and Sensitive Response of Target Tumor Extracellular pH. <i>Analytical Chemistry</i> , 2020, 92, 15104-15111.	3.2	24
26	Recent Development of Morphology Controlled Conducting Polymer Nanomaterial-Based Biosensor. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5889.	1.3	5
27	Recent advances in development of biosensors for taste-related analyses. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 129, 115925.	5.8	34
28	Hybrid nanomaterials as chemical sensors. , 2020, , 213-239.		6
29	Photoelectrochemical Glucose Biosensor Based on the Heterogeneous Facets of Nanocrystalline TiO ₂ /Au/Glucose Oxidase Films. <i>ACS Applied Nano Materials</i> , 2020, 3, 2723-2732.	2.4	37
30	Advanced Nanoscale Build-Up Sensors for Daily Life Monitoring of Diabetics. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000153.	1.9	23
31	Comparative Study on the Formation and Oxidation-Level Control of Three-Dimensional Conductive Nanofilms for Gas Sensor Applications. <i>ACS Omega</i> , 2020, 5, 2992-2999.	1.6	4
32	Highly stable, love-mode surface acoustic wave biosensor using Au nanoparticle-MoS ₂ -rGO nano-cluster doped polyimide nanocomposite for the selective detection of carcinoembryonic antigen. <i>Materials Chemistry and Physics</i> , 2020, 246, 122800.	2.0	33
33	Bioelectronic sensor mimicking the human neuroendocrine system for the detection of hypothalamic-pituitary-adrenal axis hormones in human blood. <i>Biosensors and Bioelectronics</i> , 2020, 154, 112071.	5.3	7
34	3D hollow-out TiO ₂ nanowire cluster/GOx as an ultrasensitive photoelectrochemical glucose biosensor. <i>Journal of Materials Chemistry B</i> , 2020, 8, 2363-2370.	2.9	33
35	Functionalized PProDOT@nitrogen-doped carbon hollow spheres composites for electrochemical sensing of tryptophan. <i>Carbon</i> , 2020, 161, 842-855.	5.4	29
36	FET-based nanobiosensors for the detection of smell and taste. <i>Science China Life Sciences</i> , 2020, 63, 1159-1167.	2.3	14

#	ARTICLE	IF	CITATIONS
37	A Colorimetric Artificial Olfactory System for Airborne Improvised Explosive Identification. <i>Advanced Materials</i> , 2020, 32, e1907043.	11.1	47
38	A biomimetic taste biosensor based on bitter receptors synthesized and purified on chip from a cell-free expression system. <i>Sensors and Actuators B: Chemical</i> , 2020, 312, 127949.	4.0	13
39	Gas Sensors Based on Conducting Polymers. , 0, , .		7
40	Methods for design and fabrication of nanosensors: the case of ZnO-based nanosensor. , 2020, , 9-30.		9
41	Self-assembled peptide nanoparticles with endosome escaping permits for co-drug delivery. <i>Talanta</i> , 2021, 221, 121572.	2.9	18
42	Review on nanomaterials/conducting polymer based nanocomposites for the development of biosensors and electrochemical sensors. <i>Polymer-Plastics Technology and Materials</i> , 2021, 60, 504-521.	0.6	30
43	Real-time monitoring of geosmin based on an aptamer-conjugated graphene field-effect transistor. <i>Biosensors and Bioelectronics</i> , 2021, 174, 112804.	5.3	30
44	Recent Advances in Bio-templated Metallic Nanomaterial Synthesis and Electrocatalytic Applications. <i>ChemSusChem</i> , 2021, 14, 758-791.	3.6	24
45	Micro-Schottky Junction-Boosted Efficient Charge Transducing for Ultrasensitive NO ₂ Sensing. <i>Advanced Materials Technologies</i> , 2021, 6, .	3.0	9
46	Glycodendritic structures as DC-SIGN binders to inhibit viral infections. <i>Chemical Communications</i> , 2021, 57, 5111-5126.	2.2	17
47	Gold-based nanomaterials for the treatment of brain cancer. <i>Cancer Biology and Medicine</i> , 2021, 18, 372-387.	1.4	18
48	Fluorescent Probes for Selective Recognition of Hypobromous Acid: Achievements and Future Perspectives. <i>Molecules</i> , 2021, 26, 363.	1.7	26
49	Nanoparticles for improving and augmenting plant functions. , 2021, , 171-227.		5
50	Multi-carbon dots and aptamer based signal amplification ratiometric fluorescence probe for protein tyrosine kinase 7 detection. <i>Journal of Nanobiotechnology</i> , 2021, 19, 47.	4.2	26
51	From Diagnosis to Treatment: Recent Advances in Patient-Friendly Biosensors and Implantable Devices. <i>ACS Nano</i> , 2021, 15, 1960-2004.	7.3	171
52	A Hydrophobic Sisal Cellulose Microcrystal Film for Fire Alarm Sensors. <i>Nano Letters</i> , 2021, 21, 2104-2110.	4.5	57
53	Conjugated polymers with anionic dyes: Synthesis, properties, and sensing ability for nucleosides, <sc>DNA</sc>, and <sc>BSA</sc>. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50810.	1.3	1
54	Biodiagnostics in an era of global pandemicsâ€”From biosensing materials to data management. <i>View</i> , 2022, 3, 20200164.	2.7	23

#	ARTICLE	IF	CITATIONS
55	Self-Assembly of Crystalline Vesicles from Nonplanar π -Conjugated Nanocycles. <i>CCS Chemistry</i> , 2021, 3, 1851-1861.	4.6	4
56	Defect-Engineered Nanozyme-Linked Receptors. <i>Small</i> , 2021, 17, e2101907.	5.2	36
57	N-Doped Carbon Coated TiC Nanofiber Arrays on Ti-Al ₄ V for Sensitive Electrochemical Determination of Cr(VI). <i>Electroanalysis</i> , 2022, 34, 623-628.	1.5	0
58	Principles of odor coding in vertebrates and artificial chemosensory systems. <i>Physiological Reviews</i> , 2022, 102, 61-154.	13.1	34
59	Recent Advances on Multivalent Carbon Nanoform-Based Glycoconjugates. <i>Current Medicinal Chemistry</i> , 2022, 29, 1232-1257.	1.2	6
60	High-performance olfactory receptor-derived peptide sensor for trimethylamine detection based on Steglich esterification reaction and native chemical ligation connection. <i>Biosensors and Bioelectronics</i> , 2022, 195, 113673.	5.3	21
61	Nanomaterials meet microfluidics: Improved analytical methods and high-throughput synthetic approaches. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 142, 116309.	5.8	16
62	Mass Spectrometric Biosensing: A Powerful Approach for Multiplexed Analysis of Clinical Biomolecules. <i>ACS Sensors</i> , 2021, 6, 3517-3535.	4.0	14
63	Investigation of colorimetric biosensor array based on programable surface chemistry of M13 bacteriophage towards artificial nose for volatile organic compound detection: From basic properties of the biosensor to practical application. <i>Biosensors and Bioelectronics</i> , 2021, 188, 113339.	5.3	26
64	Insect odorant receptor-based biosensors: Current status and prospects. <i>Biotechnology Advances</i> , 2021, 53, 107840.	6.0	19
65	Colourimetry for the sensitive detection of vapour-phase chemicals: State of the art and future trends. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 143, 116397.	5.8	4
66	Perovskite-SrTiO ₃ /TiO ₂ /PDA as photoelectrochemical glucose biosensor. <i>Ceramics International</i> , 2021, 47, 29807-29814.	2.3	10
67	Human-like performance umami electrochemical biosensor by utilizing co-electrodeposition of ligand binding domain T1R1-VFT and Prussian blue. <i>Biosensors and Bioelectronics</i> , 2021, 193, 113627.	5.3	24
68	A DNA-derived phage nose using machine learning and artificial neural processing for diagnosing lung cancer. <i>Biosensors and Bioelectronics</i> , 2021, 194, 113567.	5.3	19
69	pH-Responsive DNA nanoassembly for detection and combined therapy of tumor. <i>Biosensors and Bioelectronics</i> , 2022, 195, 113654.	5.3	6
70	Research Progress of Biomimetic Self-assembly of Nanomaterials in Morphology and Performance Control. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2021, 36, 695.	0.6	1
71	Functionalized nanoprobe for <i>in situ</i> detection of telomerase. <i>Chemical Communications</i> , 2021, 57, 3736-3748.	2.2	14
72	Designed antifouling peptides planted in conducting polymers through controlled partial doping for electrochemical detection of biomarkers in human serum. <i>Biosensors and Bioelectronics</i> , 2020, 164, 112317.	5.3	58

#	ARTICLE	IF	CITATIONS
73	Synthesis of Advanced Nanomaterials for Electrochemical Sensor and Biosensor Platforms. Indian Institute of Metals Series, 2021, , 27-69.	0.2	0
74	Electrochemical Synthesis of 3D Plasmonic-Molecule Nanocomposite Materials for In Situ Label-Free Molecular Detections. Advanced Materials Interfaces, 2021, 8, 2101201.	1.9	2
75	Mussel-inspired chemistry: A promising strategy for natural polysaccharides in biomedical applications. Progress in Polymer Science, 2021, 123, 101472.	11.8	77
76	Terahertz imaging with metamaterials for biological applications. Sensors and Actuators B: Chemical, 2022, 352, 130993.	4.0	36
77	Current progress in organic-inorganic hetero-nano-interfaces based electrochemical biosensors for healthcare monitoring. Coordination Chemistry Reviews, 2022, 452, 214282.	9.5	57
78	Nanomaterial Gas Sensors for Biosensing Applications: A Review. Recent Patents on Nanotechnology, 2023, 17, 104-118.	0.7	5
79	Current progress in plant pathogen detection enabled by nanomaterials-based (bio)sensors. Sensors and Actuators Reports, 2022, 4, 100068.	2.3	18
80	Ultra-sensitive all organic PVDF-TrFE E-spun nanofibers with enhanced \hat{I}^2 -phase for piezoelectric response. Journal of Materials Science: Materials in Electronics, 2022, 33, 3965-3981.	1.1	14
81	Ultrasensitive Bioelectronic Tongue Based on the Venus Flytrap Domain of a Human Sweet Taste Receptor. ACS Applied Materials & Interfaces, 2022, 14, 2478-2487.	4.0	17
82	Electroanalytical techniques. , 2022, , 163-175.		1
83	Nanomaterials for IoT Sensing Platforms and Point-of-Care Applications in South Korea. Sensors, 2022, 22, 610.	2.1	5
84	<i>In Situ</i> Nanocoating on Porous Pyrolyzed Paper Enables Antibiofouling and Sensitive Electrochemical Analyses in Biological Fluids. ACS Applied Materials & Interfaces, 2022, 14, 2522-2533.	4.0	20
85	Construction of surface molecularly imprinted photonic hydrogel sensors with high sensitivity. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 639, 128341.	2.3	2
86	Nano-enabled sensing of per-/poly-fluoroalkyl substances (PFAS) from aqueous systems – A review. Journal of Environmental Management, 2022, 308, 114655.	3.8	20
87	Nanocomposite-Decorated Filter Paper as a Twistable and Water-Tolerant Sensor for Selective Detection of 5 ppb-60 v/v% Ammonia. ACS Sensors, 2022, 7, 874-883.	4.0	14
88	Interfacial Self-Assembly of Silk Fibroin Polypeptides and \hat{I}^{\pm} -NiCo(OH) ₂ Nanocrystals with Tunable Energy Storage Applications. ACS Applied Electronic Materials, 2022, 4, 1214-1224.	2.0	0
89	Biomimetic ion nanochannels for sensing umami substances. Biomaterials, 2022, 282, 121418.	5.7	14
90	Recent progress in the development of peptide-based gas biosensors for environmental monitoring. Case Studies in Chemical and Environmental Engineering, 2022, 5, 100197.	2.9	14

#	ARTICLE	IF	CITATIONS
91	Olfactory receptor-based biosensors as potential future tools in medical diagnosis. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 150, 116599.	5.8	15
92	Using machine learning and an electronic tongue for discriminating saliva samples from oral cavity cancer patients and healthy individuals. <i>Talanta</i> , 2022, 243, 123327.	2.9	19
93	Wearable Bioelectronics for Chronic Wound Management. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	64
94	Real-Time and <i>in Situ</i> Monitoring of the Synthesis of Silica Nanoparticles. <i>ACS Sensors</i> , 2022, 7, 1045-1057.	4.0	11
95	A review on chemiresistive ZnO gas sensors. <i>Sensors and Actuators Reports</i> , 2022, 4, 100100.	2.3	75
96	Boosting the Optical Absorption of Melanin-like Polymers. <i>Macromolecules</i> , 2022, 55, 3493-3501.	2.2	33
97	Recent Progress on Highly Selective and Sensitive Electrochemical Aptamer-based Sensors. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 866-878.	1.3	7
98	Peptide amphiphile inspired self-assembled, ordered gold nanocomposites for improved sensitivity of electrochemical immunosensor: Applications in determining the total aflatoxin amount in food stuffs. <i>Talanta</i> , 2022, 247, 123532.	2.9	6
99	Electrochemical Immunosensor Made with Zein-based Nanofibers for On-site Detection of Aflatoxin B1. <i>Electroanalysis</i> , 2023, 35, .	1.5	4
102	Open-Bandgap Graphene-Based Field-Effect Transistor Using Oligo(phenylene-ethynylene) Interfacial Chemistry. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	6
103	Modular Label-Free Electrochemical Biosensor Loading Nature-Inspired Peptide toward the Widespread Use of COVID-19 Antibody Tests. <i>ACS Nano</i> , 2022, 16, 14239-14253.	7.3	17
104	Open-Bandgap Graphene-Based Field-Effect Transistor Using Oligo(phenylene-ethynylene) Interfacial Chemistry. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	7
105	Rapid engineering of surface acoustic wave devices using cell-free expressed bitter receptors towards chemical sensing. <i>Biosensors and Bioelectronics: X</i> , 2022, 11, 100210.	0.9	0
106	Engineered olfactory system for in vitro artificial nose. <i>Engineered Regeneration</i> , 2022, 3, 427-439.	3.0	3
107	Zeolitic Imidazolate Framework-Derived N-ZnO/P-Co ₃ O ₄ Heterojunction by Ion-Etching Method for Superior CO Toxic Gas Sensor. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
108	Selective detection of methanol vapour from a multicomponent gas mixture using a CNPs/ZnO@ZIF-8 based room temperature solid-state sensor. <i>RSC Advances</i> , 2022, 12, 27094-27108.	1.7	8
109	Zeolitic imidazolate framework-derived n-ZnO/p-Co ₃ O ₄ heterojunction by ion-etching method for superior CO toxic gas sensor. <i>Sensors and Actuators B: Chemical</i> , 2023, 374, 132717.	4.0	20
110	An odorant receptor-derived peptide biosensor for monitoring the migratory locust <i>Locusta migratoria</i> by recognizing the aggregation pheromone 4-vinylanisole. <i>Sensors and Actuators B: Chemical</i> , 2023, 375, 132881.	4.0	3

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111	Ultrasensitive Flexible Olfactory Receptor-Derived Peptide Sensor for Trimethylamine Detection by the Bending Connection Method. <i>ACS Sensors</i> , 2022, 7, 3513-3520.	4.0	10
112	Adaptive biosensing platform using immune cell-based nanovesicles for food allergen detection. <i>Biosensors and Bioelectronics</i> , 2023, 222, 114914.	5.3	2
113	Robust Room Temperature Ferromagnetism In Cobalt Doped Graphene by Precision Control of Metal Ion Hybridization. <i>Advanced Functional Materials</i> , 2023, 33, .	7.8	6
114	Challenges and Opportunities of Chemiresistors Based on Microelectromechanical Systems for Chemical Olfaction. <i>ACS Nano</i> , 2022, 16, 17778-17801.	7.3	6
115	Advances and challenges of cellulose functional materials in sensors. <i>Journal of Bioresources and Bioproducts</i> , 2023, 8, 15-32.	11.8	14
116	Carbon-based glyco-nanoplatfoms: towards the next generation of glycan-based multivalent probes. <i>Chemical Society Reviews</i> , 2022, 51, 9960-9985.	18.7	7
117	Sensitive electrochemical assay of acetaminophen based on 3D-hierarchical mesoporous carbon nanosheets. <i>Journal of Colloid and Interface Science</i> , 2023, 634, 509-520.	5.0	10
118	Reduced graphene oxide quenched peptide probe for caspase-8 activity detection and cellular imaging. <i>Mikrochimica Acta</i> , 2022, 189, .	2.5	3
119	Nanotechnology-based electrochemical biosensors for monitoring breast cancer biomarkers. <i>Medicinal Research Reviews</i> , 2023, 43, 464-569.	5.0	13
120	Artificial Olfactory Biohybrid System: An Evolving Sense of Smell. <i>Advanced Science</i> , 2023, 10, .	5.6	12
121	Recent Advances in Nanomaterial-Based Sensing for Food Safety Analysis. <i>Processes</i> , 2022, 10, 2576.	1.3	4
122	Ensemble Modified Aptamer Based Pattern Recognition for Adaptive Target Identification. <i>Nano Letters</i> , 2022, 22, 10057-10065.	4.5	2
123	Advances in the Production of Olfactory Receptors for Industrial Use. <i>Advanced Biology</i> , 2023, 7, .	1.4	2
124	Current advancement and development of functionalized carbon nanomaterials for biomedical therapy. , 2023, , 381-413.		0
125	A coumarin-based small molecular fluorescent probe for detection of the freshness of meat and shrimp. <i>Journal of Food Composition and Analysis</i> , 2023, 118, 105231.	1.9	3
126	Reusable Electronic Tongue Based on Transient Receptor Potential Vanilloid 1 Nanodisc-€Conjugated Graphene Field-€Effect Transistor for a Spiciness-€Related Pain Evaluation. <i>Advanced Materials</i> , 2023, 35, .	11.1	5
128	Pd@Co3O4/In2O3 hollow microtubes derived from core-shell MOFs as materials for conductometric trace toluene detection. <i>Sensors and Actuators B: Chemical</i> , 2023, 386, 133747.	4.0	4
131	Functional nanostructures in analytical chemistry: new insights into the optical and electrochemical sensing of animal hormones in food, environmental and biological samples. <i>Sensors & Diagnostics</i> , 2023, 2, 815-836.	1.9	5

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132	Single-Response Electronic Tongue and Machine Learning Enable the Multidetermination of Extracellular Vesicle Biomarkers for Cancer Diagnostics Without Recognition Elements. <i>Methods in Molecular Biology</i> , 2023, , 83-94.	0.4	0
144	A cooperation tale of biomolecules and nanomaterials in nanoscale chiral sensing and separation. <i>Nanoscale Horizons</i> , 2023, 8, 1485-1508.	4.1	2
154	Review of Electrochemical Sensors and Biosensors Based on First-Row Transition Metals, Their Oxides, and Noble Metals Nanoparticles. <i>Journal of Analysis and Testing</i> , 0, , .	2.5	1