

Li Fu

List of Publications by Year in descending order

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192
papers

8,397
citations

53939

47
h-index

66518

82
g-index

196
all docs

196
docs citations

196
times ranked

8095
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic and transcriptional disruption of American shad (<i>Alosa sapidissima</i>) by enrofloxacin in commercial aquaculture. <i>Environmental Science and Pollution Research</i> , 2022, 29, 2052-2062.	2.7	9
2	Cyanazine herbicide monitoring as a hazardous substance by a DNA nanostructure biosensor. <i>Journal of Hazardous Materials</i> , 2022, 423, 127058.	6.5	294
3	Enzyme-catalyzed deposition of polydopamine for amplifying the signal inhibition to a novel Prussian blue-nanocomposite and ultrasensitive electrochemical immunosensing. <i>Journal of Materials Science and Technology</i> , 2022, 102, 166-173.	5.6	10
4	A green and sensitive guanine-based DNA biosensor for idarubicin anticancer monitoring in biological samples: A simple and fast strategy for control of health quality in chemotherapy procedure confirmed by docking investigation. <i>Chemosphere</i> , 2022, 291, 132928.	4.2	194
5	The Application of Electrochemical Oscillation Methods for Identification of Traditional Chinese Medicine Materials. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 616.	1.3	4
6	Advances in Electrochemical Methods for the Analysis of Pharmaceuticals. <i>Current Pharmaceutical Analysis</i> , 2022, 18, 2-3.	0.3	1
7	Characteristics of two terbutylazine-degrading bacteria and the construction of a live bacterial agent for effective degradation of terbutylazine in soil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2022, 94, e20200658.	0.3	3
8	Will MXenes be the Next Two-Dimensional Material Candidate for Biosensing?. <i>Current Pharmaceutical Analysis</i> , 2022, 18, .	0.3	1
9	Recent Developments in the Electrochemical Determination of Sulfonamides. <i>Current Pharmaceutical Analysis</i> , 2022, 18, 4-13.	0.3	11
10	Preparation of highly sensitive electrochemical sensor for detection of nitrite in drinking water samples. <i>Environmental Research</i> , 2022, 209, 112747.	3.7	42
11	Nanochemistry approach for the fabrication of Fe and N co-decorated biomass-derived activated carbon frameworks: a promising oxygen reduction reaction electrocatalyst in neutral media. <i>Journal of Nanostructure in Chemistry</i> , 2022, 12, 429-439.	5.3	171
12	Recent advances in carbon nanomaterials-based electrochemical sensors for food azo dyes detection. <i>Food and Chemical Toxicology</i> , 2022, 164, 112961.	1.8	231
13	Electrochemical detection of Sudan red series azo dyes: Bibliometrics based analysis. <i>Food and Chemical Toxicology</i> , 2022, 163, 112960.	1.8	32
14	Graphene-based electrochemical sensors for antibiotic detection in water, food and soil: A scientometric analysis in CiteSpace (2011â€“2021). <i>Chemosphere</i> , 2022, 297, 134127.	4.2	62
15	Current status of electrochemical detection of sunset yellow based on bibliometrics. <i>Food and Chemical Toxicology</i> , 2022, 164, 113019.	1.8	20
16	Relationship between graphene and pedosphere: A scientometric analysis. <i>Chemosphere</i> , 2022, 300, 134599.	4.2	17
17	Evaluation of Antioxidants Using Electrochemical Sensors: A Bibliometric Analysis. <i>Sensors</i> , 2022, 22, 3238.	2.1	20
18	Advances in Electrochemical Techniques for the Detection and Analysis of Genetically Modified Organisms: An Analysis Based on Bibliometrics. <i>Chemosensors</i> , 2022, 10, 194.	1.8	14

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19	A bibliometric analysis of graphene in acetaminophen detection: Current status, development, and future directions. <i>Chemosphere</i> , 2022, 306, 135517.	4.2	12
20	The potential hazards and ecotoxicity of CuO nanoparticles: an overview. <i>Toxin Reviews</i> , 2021, 40, 460-472.	1.5	11
21	Layer-by-layer stacked graphene nanocoatings by Marangoni self-assembly for corrosion protection of stainless steel. <i>Chinese Chemical Letters</i> , 2021, 32, 501-505.	4.8	15
22	Characteristics of an atrazine degrading bacterium and the construction of a microbial agent for effective atrazine degradation. <i>Water and Environment Journal</i> , 2021, 35, 7-17.	1.0	30
23	Environmental distribution, transport and ecotoxicity of microplastics: A review. <i>Journal of Applied Toxicology</i> , 2021, 41, 52-64.	1.4	41
24	Brood-stock management and natural spawning of American shad (<i>Alosa sapidissima</i>) in a recirculating aquaculture system. <i>Aquaculture</i> , 2021, 532, 735952.	1.7	15
25	Recent advances in removal techniques of Cr(VI) toxic ion from aqueous solution: A comprehensive review. <i>Journal of Molecular Liquids</i> , 2021, 329, 115062.	2.3	332
26	Significant enhancement of corrosion resistance of stainless steel with nanostructured carbon coatings by substrate-catalytic CVD. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 725-733.	1.6	4
27	Electro-catalytic amplified sensor for determination of N-acetylcysteine in the presence of theophylline confirmed by experimental coupled theoretical investigation. <i>Scientific Reports</i> , 2021, 11, 1006.	1.6	4
28	Space-confined CVD growth of 2D-MoS ₂ crystals with tunable dimensionality <i>via</i> adjusting growth conditions. <i>CrystEngComm</i> , 2021, 23, 1345-1351.	1.3	15
29	Intertwined Carbon Nanotubes and Ag Nanowires Constructed by Simple Solution Blending as Sensitive and Stable Chloramphenicol Sensors. <i>Sensors</i> , 2021, 21, 1220.	2.1	17
30	Highly stretchable conductors comprising composites of silver nanowires and silver flakes. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	0.8	9
31	Recent advances in using of chitosan-based adsorbents for removal of pharmaceutical contaminants: A review. <i>Journal of Cleaner Production</i> , 2021, 291, 125880.	4.6	373
32	Electrochemical Fingerprint Biosensor for Natural Indigo Dye Yielding Plants Analysis. <i>Biosensors</i> , 2021, 11, 155.	2.3	39
33	Synergistic effects of La ₂ Mg ₁₇ /Ni/H system on hydrogen storage. <i>Materials Letters</i> , 2021, 291, 129548.	1.3	12
34	Preparation of cassava fiber-iron nanoparticles composite for electrochemical determination of tea polyphenol. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 4711-4717.	1.6	7
35	Electroanalytical determination of vanillin using PdZn particles decorated ZnS fibers. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 4718-4725.	1.6	2
36	A critical review on the use of potentiometric based biosensors for biomarkers detection. <i>Biosensors and Bioelectronics</i> , 2021, 184, 113252.	5.3	343

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37	Early sex determination of Ginkgo biloba based on the differences in the electrocatalytic performance of extracted peroxidase. <i>Bioelectrochemistry</i> , 2021, 140, 107829.	2.4	12
38	Quantification of Silicon in Rice Based on an Electrochemical Sensor via an Amplified Electrocatalytic Strategy. <i>Micromachines</i> , 2021, 12, 1048.	1.4	11
39	Analysis of coumarin in food and plant tissue without extraction based on voltammetry of microparticles. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 5439-5444.	1.6	13
40	An Analytical Method Based on Electrochemical Sensor for the Assessment of Insect Infestation in Flour. <i>Biosensors</i> , 2021, 11, 325.	2.3	8
41	The synthesis and identification of complete stacking bilayer MoS ₂ flakes with unconventional shapes via chemical vapor deposition. <i>Superlattices and Microstructures</i> , 2021, 158, 107023.	1.4	5
42	Identification of medicinal herbs in Asteraceae and Polygonaceae using an electrochemical fingerprint recorded using screen-printed electrode. <i>Journal of Herbal Medicine</i> , 2021, 30, 100512.	1.0	23
43	Knowledge Mapping of Opuntia Milpa Alta Since 1998: A Scientometric Analysis. <i>Phyton</i> , 2021, 90, 1507-1518.	0.4	2
44	Guanine-Based DNA Biosensor Amplified with Pt/SWCNTs Nanocomposite as Analytical Tool for Nanomolar Determination of Daunorubicin as an Anticancer Drug: A Docking/Experimental Investigation. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 816-823.	1.8	358
45	Constructing a three-dimensional nano-crystalline diamond network within polymer composites for enhanced thermal conductivity. <i>Nanoscale</i> , 2021, 13, 18657-18664.	2.8	9
46	Isolation of 2 simazine-degrading bacteria and development of a microbial agent for bioremediation of simazine pollution. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20210373.	0.3	2
47	Conductive Hydrogel-Based Electrochemical Sensor: A Soft Platform for Capturing Analyte. <i>Chemosensors</i> , 2021, 9, 282.	1.8	32
48	Biometric Identification of Taxodium spp. and Their Hybrid Progenies by Electrochemical Fingerprints. <i>Biosensors</i> , 2021, 11, 403.	2.3	37
49	A Double-Deck Structure of Reduced Graphene Oxide Modified Porous Ti ₃ C ₂ T _x Electrode towards Ultrasensitive and Simultaneous Detection of Dopamine and Uric Acid. <i>Biosensors</i> , 2021, 11, 462.	2.3	15
50	Can Electrochemical Sensors Be Used for Identification and Phylogenetic Studies in Lamiaceae?. <i>Sensors</i> , 2021, 21, 8216.	2.1	33
51	Editorial: Graphene-Enhanced Electrochemical Sensing Platforms. <i>Frontiers in Chemistry</i> , 2021, 9, 815981.	1.8	1
52	Engineering the surface of Gd ₂ O ₃ nanoplates for improved T ₁ -weighted magnetic resonance imaging. <i>Chemical Engineering Journal</i> , 2020, 380, 122473.	6.6	20
53	Flammability, thermal stability and mechanical properties of polyvinyl alcohol nanocomposites reinforced with delaminated Ti ₃ C ₂ T _x (MXene). <i>Polymer Composites</i> , 2020, 41, 210-218.	2.3	84
54	Surface modification of the La _{1.7} Mg _{1.3} Ni ₉ alloy with trace Y ₂ O ₃ related to the electrochemical hydrogen storage properties. <i>Renewable Energy</i> , 2020, 145, 1572-1577.	4.3	10

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55	Electrochemical detection of silver ions by using sulfur quantum dots modified gold electrode. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127390.	4.0	88
56	Highly thermal conductive and electrical insulating polymer composites with boron nitride. <i>Composites Part B: Engineering</i> , 2020, 184, 107746.	5.9	142
57	Optical performance and growth mechanism of a 2D WS ₂ /MoWS ₂ hybrid heterostructure fabricated by a one-step CVD strategy. <i>CrystEngComm</i> , 2020, 22, 660-665.	1.3	9
58	Facially- controllable synthesis of zeolitic imidezolate framework-8 nanocrystal and its colloidal stability in phosphate buffered saline. <i>Materials Chemistry and Physics</i> , 2020, 245, 122576.	2.0	6
59	Electrochemical determination of vanillin in food samples by using pyrolyzed graphitic carbon nitride. <i>Materials Chemistry and Physics</i> , 2020, 242, 122462.	2.0	57
60	The fabrication and tunable optical properties of 2D transition metal dichalcogenides heterostructures by adjusting the thickness of Mo/W films. <i>Applied Surface Science</i> , 2020, 505, 144192.	3.1	21
61	Two-dimensional porphyrin sheet-supported single-atom manganese catalyst for CO oxidation: A DFT-D study. <i>Materials Today Communications</i> , 2020, 24, 101322.	0.9	12
62	Stoichiometry-Modulated Resonant Raman Spectroscopy of WS ₂ /Se ₂ -Alloyed Monolayer Nanosheets. <i>Journal of Physical Chemistry C</i> , 2020, 124, 20547-20554.	1.5	1
63	Highly conductive and transient tracks based on silver flakes and a polyvinyl pyrrolidone composite. <i>RSC Advances</i> , 2020, 10, 33112-33118.	1.7	1
64	Electrochemical Voltammogram Recording for Identifying Varieties of Ornamental Plants. <i>Micromachines</i> , 2020, 11, 967.	1.4	20
65	Thermal and corrosion behavior of Ti3C2/Copper composites. <i>Composites Communications</i> , 2020, 22, 100498.	3.3	16
66	Recording the Electrochemical Profile of Pueraria Leaves for Polyphyly Analysis. <i>ChemistrySelect</i> , 2020, 5, 5035-5040.	0.7	56
67	Effects of nano-molybdenum coatings on the hydrogen storage properties of LaMgNi based alloys. <i>Renewable Energy</i> , 2020, 157, 1053-1060.	4.3	5
68	Electrochemical Profile Recording for Pueraria Variety Identification. <i>Analytical Sciences</i> , 2020, 36, 1237-1241.	0.8	11
69	Intrinsically Stretchable, Transient Conductors from a Composite Material of Ag Flakes and Gelatin Hydrogel. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 27572-27577.	4.0	26
70	Morphological evolution of atomically thin MoS ₂ flakes synthesized by a chemical vapor deposition strategy. <i>CrystEngComm</i> , 2020, 22, 4174-4179.	1.3	14
71	Dually enhanced homogenous synthesis of molybdophosphate by hybridization chain reaction and enzyme nanotags for the electrochemical bioassay of carcinoembryonic antigen. <i>Mikrochimica Acta</i> , 2020, 187, 361.	2.5	4
72	In Situ Probing the Localized Optoelectronic Properties of Defective Monolayer WS ₂ . <i>Journal of Physical Chemistry C</i> , 2020, 124, 7591-7596.	1.5	7

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73	Application of a simazine degrading bacterium, <i>Arthrobacter ureafaciens</i> XJ01 for bioremediation of simazine pollution. <i>Water and Environment Journal</i> , 2020, 34, 561-572.	1.0	27
74	The synthesis of 2D MoS ₂ flakes with tunable layer numbers via pulsed-Argon-flow assisted CVD approach. <i>Ceramics International</i> , 2020, 46, 14523-14528.	2.3	13
75	Pt nanodendrites with (111) crystalline facet as an efficient, stable and pH-universal catalyst for electrochemical hydrogen production. <i>Chinese Chemical Letters</i> , 2020, 31, 2478-2482.	4.8	11
76	Editorial: Polydopamine-Based Nanostructures: Synthesis and Biomedical Applications. <i>Frontiers in Chemistry</i> , 2020, 8, 206.	1.8	3
77	Electrochemical Sex Determination of Dioecious Plants Using Polydopamine-Functionalized Graphene Sheets. <i>Frontiers in Chemistry</i> , 2020, 8, 92.	1.8	43
78	Characterization of the Electrochemical Profiles of <i>Lycoris</i> Seeds for Species Identification and Infrageneric Relationships. <i>Analytical Letters</i> , 2020, 53, 2517-2528.	1.0	75
79	Enzymatic deposition of gold nanoparticles at vertically aligned carbon nanotubes for electrochemical stripping analysis and ultrasensitive immunosensing of carcinoembryonic antigen. <i>Analyst</i> , 2020, 145, 3073-3080.	1.7	7
80	A review of microplastics in the aquatic environment: distribution, transport, ecotoxicology, and toxicological mechanisms. <i>Environmental Science and Pollution Research</i> , 2020, 27, 11494-11505.	2.7	84
81	A dense graphene monolith with poloxamer prefunctionalization enabling aqueous redispersion to obtain solubilized graphene sheets. <i>Chinese Chemical Letters</i> , 2020, 31, 2507-2511.	4.8	6
82	Infrageneric phylogenetics investigation of <i>Chimonanthus</i> based on electroactive compound profiles. <i>Bioelectrochemistry</i> , 2020, 133, 107455.	2.4	86
83	Development of an electrochemical biosensor for phylogenetic analysis of Amaryllidaceae based on the enhanced electrochemical fingerprint recorded from plant tissue. <i>Biosensors and Bioelectronics</i> , 2020, 159, 112212.	5.3	66
84	Development of Electrochemical Sensor for Fast Liquor Authentication. <i>Sensors and Materials</i> , 2020, 32, 2941.	0.3	5
85	β -Cyclodextrin-Immobilized Ni/Graphene Electrode for Electrochemical Enantio-recognition of Phenylalanine. <i>Materials</i> , 2020, 13, 777.	1.3	10
86	<i>Lycoris</i> species identification and infrageneric relationship investigation via graphene enhanced electrochemical fingerprinting of pollen. <i>Sensors and Actuators B: Chemical</i> , 2019, 298, 126836.	4.0	75
87	Single-Step Formation of Ni Nanoparticle-Modified Graphene-Diamond Hybrid Electrodes for Electrochemical Glucose Detection. <i>Sensors</i> , 2019, 19, 2979.	2.1	18
88	High selective detection of mercury (II) ions by thioether side groups on metal-organic frameworks. <i>Analytica Chimica Acta</i> , 2019, 1081, 51-58.	2.6	74
89	Cauliflower-like Platinum Particles Decorated Reduced Graphene Oxide for Sensitive Determination of Acetaminophen. <i>Electroanalysis</i> , 2019, 31, 1758-1768.	1.5	9
90	Phase transformation relevant to the hydrogenation properties in the YNi ₃ -xCr _x . <i>Chemical Physics Letters</i> , 2019, 736, 136823.	1.2	2

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91	Total absorption of WO ₃ /WS ₂ stacked thin films in middle infrared light. <i>Infrared Physics and Technology</i> , 2019, 103, 103098.	1.3	2
92	Analysis of chicken breast meat freshness with an electrochemical approach. <i>Journal of Electroanalytical Chemistry</i> , 2019, 855, 113622.	1.9	17
93	Green biosynthesis of ZnO nanoparticles by <i>plectranthus amboinicus</i> leaf extract and their application for electrochemical determination of norfloxacin. <i>Inorganic and Nano-Metal Chemistry</i> , 2019, 49, 277-282.	0.9	37
94	Enhancing Nonradiative Energy Transfer between Nitridized Carbon Quantum Dots and Monolayer WS ₂ . <i>Journal of Physical Chemistry C</i> , 2019, 123, 25456-25463.	1.5	3
95	Sensitivity enhancement of potassium ion (K ⁺) detection based on graphene field-effect transistors with surface plasma pretreatment. <i>Sensors and Actuators B: Chemical</i> , 2019, 285, 333-340.	4.0	40
96	Atypical Defect-Mediated Photoluminescence and Resonance Raman Spectroscopy of Monolayer WS ₂ . <i>Journal of Physical Chemistry C</i> , 2019, 123, 3900-3907.	1.5	45
97	An electrochemical method for plant species determination and classification based on fingerprinting petal tissue. <i>Bioelectrochemistry</i> , 2019, 129, 199-205.	2.4	71
98	Effects of yttrium substitution for magnesium on the electrochemical performances of La ₂ Mg ₁₇ YNi _{8.8} Co _{0.2} hydrogen storage alloys. <i>Journal of Materials Research and Technology</i> , 2019, 8, 3382-3387.	2.6	6
99	Physicochemical Properties of the Molten Iron-Rich Slags Related to the Copper Recovery. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2019, 50, 1852-1861.	1.0	8
100	(001) plan manipulation of γ -Fe ₂ O ₃ nanostructures for enhanced electrochemical Cr(VI) sensing. <i>Journal of Electroanalytical Chemistry</i> , 2019, 841, 142-147.	1.9	56
101	Si, Sr, Ag co-doped hydroxyapatite/TiO ₂ coating: enhancement of its antibacterial activity and osteoinductivity. <i>RSC Advances</i> , 2019, 9, 13348-13364.	1.7	39
102	Growth and optical properties of large-scale MoS ₂ films with different thickness. <i>Ceramics International</i> , 2019, 45, 15091-15096.	2.3	13
103	Study on the Isolation of Two Atrazine-Degrading Bacteria and the Development of a Microbial Agent. <i>Microorganisms</i> , 2019, 7, 80.	1.6	52
104	Elemental Behaviors of Molten FeO-SiO ₂ -Fe ₃ O ₄ -Based Copper Slags. <i>Jom</i> , 2019, 71, 1997-2002.	0.9	7
105	Tuning the photoluminescence of large Ti ₃ C ₂ T _x MXene flakes. <i>Ceramics International</i> , 2019, 45, 11468-11474.	2.3	22
106	Effects of doping with yttrium on the hydrogen storage performances of the La ₂ Mg ₁₇ alloy surface. <i>Journal of Power Sources</i> , 2019, 417, 76-82.	4.0	14
107	Evaluation of antioxygenic property of honey based on electrochemical sensing method. <i>E3S Web of Conferences</i> , 2019, 78, 02017.	0.2	0
108	Large-scale synthesis of carbon dots/TiO ₂ nanocomposites for the photocatalytic color switching system. <i>Nanoscale Advances</i> , 2019, 1, 1819-1825.	2.2	18

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109	Position-Selective Growth of 2D WS ₂ -Based Vertical Heterostructures via a One-Step CVD Approach. <i>Journal of Physical Chemistry C</i> , 2019, 123, 30519-30527.	1.5	28
110	The ecotoxicology of titanium dioxide nanoparticles, an important engineering nanomaterial. <i>Toxicological and Environmental Chemistry</i> , 2019, 101, 165-189.	0.6	12
111	High-Thermal-Transport-Channel Construction within Flexible Composites via the Welding of Boron Nitride Nanosheets. <i>ACS Applied Nano Materials</i> , 2019, 2, 360-368.	2.4	78
112	Surface doping of the LaMg ₃ alloy with nano-cobalt particles for promoting the hydrogenation properties through magnetron sputtering. <i>Applied Surface Science</i> , 2019, 466, 673-678.	3.1	3
113	Delaminated Ti ₃ C ₂ T _x (MXene) for electrochemical carbendazim sensing. <i>Materials Letters</i> , 2019, 236, 412-415.	1.3	72
114	Voltammetric immunoassay of human IgG based on the release of cadmium(II) from CdS nanocrystals deposited on mesoporous silica nanospheres. <i>Mikrochimica Acta</i> , 2019, 186, 15.	2.5	5
115	Cyclodextrin Functionalized Graphene and Its Applications. <i>Carbon Nanostructures</i> , 2019, , 193-213.	0.1	2
116	Ni-Al films induced surface modification of La ₂ Mg ₁₇ alloy leading to improved dehydrogenation properties. <i>Journal of Power Sources</i> , 2018, 385, 27-31.	4.0	10
117	Highly stable and regenerative graphene-diamond hybrid electrochemical biosensor for fouling target dopamine detection. <i>Biosensors and Bioelectronics</i> , 2018, 111, 117-123.	5.3	112
118	Square wave voltammetric quantitative determination of flavonoid luteolin in peanut hulls and Perilla based on Au NPs loaded boron nitride nanosheets. <i>Journal of Electroanalytical Chemistry</i> , 2018, 817, 128-133.	1.9	35
119	Boron nitride nanosheet nanofluids for enhanced thermal conductivity. <i>Nanoscale</i> , 2018, 10, 13004-13010.	2.8	54
120	A solid-state electrochemical sensing platform based on a supramolecular hydrogel. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 326-333.	4.0	41
121	Enhanced Thermal Conductivity of Polyimide Composites with Boron Nitride Nanosheets. <i>Scientific Reports</i> , 2018, 8, 1557.	1.6	96
122	Defects regulating of graphene ink for electrochemical determination of ascorbic acid, dopamine and uric acid. <i>Talanta</i> , 2018, 180, 248-253.	2.9	124
123	A rapid electrochemical sensor fabricated using silver ions and graphene oxide. <i>Ionics</i> , 2018, 24, 2821-2827.	1.2	17
124	A glassy carbon electrode modified with N-doped carbon dots for improved detection of hydrogen peroxide and paracetamol. <i>Mikrochimica Acta</i> , 2018, 185, 87.	2.5	80
125	Nano-Ni induced surface modification relevant to the hydrogenation performances in La-Mg based alloys. <i>Applied Surface Science</i> , 2018, 439, 18-23.	3.1	13
126	Electrochemical antioxidant screening based on a chitosan hydrogel. <i>Bioelectrochemistry</i> , 2018, 121, 7-10.	2.4	43

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127	Effects of molybdenum substitution on the electrochemical properties of La ₂ MgNi ₈ x CoMo x alloys. <i>Materials Letters</i> , 2018, 222, 33-36.	1.3	3
128	Enhanced thermal conductivity of poly(vinylidene fluoride)/boron nitride nanosheet composites at low filler content. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 109, 321-329.	3.8	83
129	Hall effect biosensors with ultraclean graphene film for improved sensitivity of label-free DNA detection. <i>Biosensors and Bioelectronics</i> , 2018, 99, 85-91.	5.3	60
130	In Situ High-Pressure X-ray Diffraction and Raman Spectroscopy Study of Ti ₃ C ₂ T _x MXene. <i>Nanoscale Research Letters</i> , 2018, 13, 343.	3.1	67
131	Preparation gold nanoparticles using herb leaf extract for electro-oxidation determination of ascorbic acid. <i>Inorganic and Nano-Metal Chemistry</i> , 2018, 48, 449-453.	0.9	20
132	Electrochemical Enantiomer Recognition Based on sp ³ -to-sp ² Converted Regenerative Graphene/Diamond Electrode. <i>Nanomaterials</i> , 2018, 8, 1050.	1.9	11
133	Preparation of nitrogen-doped hollow carbon spheres for sensitive catechol electrochemical sensing. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2018, 26, 856-862.	1.0	24
134	Impact of graphene oxide on dye absorption in composite hydrogels. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2018, 26, 649-653.	1.0	8
135	Graphene Ink Film Based Electrochemical Detector for Paracetamol Analysis. <i>Electronics (Switzerland)</i> , 2018, 7, 15.	1.8	43
136	Growth of WS ₂ flakes on Ti ₃ C ₂ T _x Mxene Using Vapor Transportation Routine. <i>Coatings</i> , 2018, 8, 281.	1.2	12
137	Embedding leaf tissue in graphene ink to improve signals in electrochemistry-based chemotaxonomy. <i>Electrochemistry Communications</i> , 2018, 92, 39-42.	2.3	35
138	Electronic and Magnetic Properties of Stone-Wales Defected Graphene Decorated with the Half-Metallocene of M (M = Fe, Co, Ni): A First Principle Study. <i>Nanomaterials</i> , 2018, 8, 552.	1.9	19
139	Highly Sensitive and Selective Potassium Ion Detection Based on Graphene Hall Effect Biosensors. <i>Materials</i> , 2018, 11, 399.	1.3	17
140	Improving the hydrophilicity and chronocoulometric performance of TiO ₂ nanotubular arrays by Sr@Si doping. <i>Ceramics International</i> , 2018, 44, 19926-19931.	2.3	8
141	Label-Free Electrochemical Detection of Vanillin through Low-Defect Graphene Electrodes Modified with Au Nanoparticles. <i>Materials</i> , 2018, 11, 489.	1.3	20
142	Enhanced electrochemical voltammetric fingerprints for plant taxonomic sensing. <i>Biosensors and Bioelectronics</i> , 2018, 120, 102-107.	5.3	67
143	Reduced graphene oxide coupled with g-C ₃ N ₄ nanodots as 2D/0D nanocomposites for enhanced photocatalytic activity. <i>Journal of Physics and Chemistry of Solids</i> , 2018, 122, 104-108.	1.9	27
144	An ultrathin high-performance heat spreader fabricated with hydroxylated boron nitride nanosheets. <i>2D Materials</i> , 2017, 4, 025047.	2.0	145

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145	Hydrothermal synthesis of ZnO flower-reduced graphene oxide composite for electrochemical determination of ascorbic acid. Fullerenes Nanotubes and Carbon Nanostructures, 2017, 25, 404-409.	1.0	20
146	Recent Advances of Graphitic Carbon Nitride-Based Structures and Applications in Catalyst, Sensing, Imaging, and LEDs. Nano-Micro Letters, 2017, 9, 47.	14.4	348
147	One-pot synthesis of ZnO-Pd nanocomposite with high electrocatalytic activity toward quinoline yellow. Inorganic and Nano-Metal Chemistry, 2017, 47, 934-937.	0.9	5
148	Multi-Walled Carbon Nanotube-Assisted Electrodeposition of Silver Dendrite Coating as a Catalytic Film. Coatings, 2017, 7, 232.	1.2	18
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