

# Wen-Bo Lu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1513415/publications.pdf>

Version: 2024-02-01

120  
papers

9,204  
citations

61857

43  
h-index

39575

94  
g-index

120  
all docs

120  
docs citations

120  
times ranked

11167  
citing authors

#	ARTICLE	IF	CITATIONS
1	Economical, Green Synthesis of Fluorescent Carbon Nanoparticles and Their Use as Probes for Sensitive and Selective Detection of Mercury(II) Ions. <i>Analytical Chemistry</i> , 2012, 84, 5351-5357.	3.2	986
2	Fe-Doped CoP Nanoarray: A Monolithic Multifunctional Catalyst for Highly Efficient Hydrogen Generation. <i>Advanced Materials</i> , 2017, 29, 1602441.	11.1	834
3	Energy-Saving Electrolytic Hydrogen Generation: Ni <sub>2</sub> P Nanoarray as a High-Performance Non-Noble-Metal Electrocatalyst. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 842-846.	7.2	668
4	Ternary Fe <sub>x</sub> Co <sub>1-x</sub> P Nanowire Array as a Robust Hydrogen Evolution Reaction Electrocatalyst with Pt-like Activity: Experimental and Theoretical Insight. <i>Nano Letters</i> , 2016, 16, 6617-6621.	4.5	618
5	In Situ Derived Co <sub>2</sub> B Nanoarray: A High-Efficiency and Durable 3D Bifunctional Electrocatalyst for Overall Alkaline Water Splitting. <i>Small</i> , 2017, 13, 1700805.	5.2	293
6	One-pot green synthesis of Ag nanoparticles-graphene nanocomposites and their applications in SERS, H <sub>2</sub> O <sub>2</sub> , and glucose sensing. <i>RSC Advances</i> , 2012, 2, 538-545.	1.7	274
7	In situ green synthesis of Au nanostructures on graphene oxide and their application for catalytic reduction of 4-nitrophenol. <i>Catalysis Science and Technology</i> , 2011, 1, 1142.	2.1	239
8	Electrochemical non-enzymatic glucose sensors: recent progress and perspectives. <i>Chemical Communications</i> , 2020, 56, 14553-14569.	2.2	235
9	Synthesis of functional SiO <sub>2</sub> -coated graphene oxide nanosheets decorated with Ag nanoparticles for H <sub>2</sub> O <sub>2</sub> and glucose detection. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4791-4797.	5.3	227
10	Microwave-assisted rapid green synthesis of photoluminescent carbon nanodots from flour and their applications for sensitive and selective detection of mercury(II) ions. <i>Sensors and Actuators B: Chemical</i> , 2013, 184, 156-162.	4.0	226
11	Three-Dimensional Ni <sub>2</sub> P Nanoarray: An Efficient Catalyst Electrode for Sensitive and Selective Nonenzymatic Glucose Sensing with High Specificity. <i>Analytical Chemistry</i> , 2016, 88, 7885-7889.	3.2	209
12	Green, low-cost synthesis of photoluminescent carbon dots by hydrothermal treatment of willow bark and their application as an effective photocatalyst for fabricating Au nanoparticles-reduced graphene oxide nanocomposites for glucose detection. <i>Catalysis Science and Technology</i> , 2013, 3, 1027.	2.1	193
13	Synthesis of Au nanoparticles decorated graphene oxide nanosheets: Noncovalent functionalization by TWEEN 20 in situ reduction of aqueous chloroaurate ions for hydrazine detection and catalytic reduction of 4-nitrophenol. <i>Journal of Hazardous Materials</i> , 2011, 197, 320-326.	6.5	177
14	Self-assembled graphene platelet-glucose oxidase nanostructures for glucose biosensing. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4491-4496.	5.3	176
15	Ag nanoparticles decorated polyaniline nanofibers: synthesis, characterization, and applications toward catalytic reduction of 4-nitrophenol and electrochemical detection of H <sub>2</sub> O <sub>2</sub> and glucose. <i>Catalysis Science and Technology</i> , 2012, 2, 800.	2.1	170
16	High-performance non-enzymatic glucose detection: using a conductive Ni-MOF as an electrocatalyst. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5411-5415.	2.9	170
17	Ni foam: a novel three-dimensional porous sensing platform for sensitive and selective nonenzymatic glucose detection. <i>Analyst</i> , 2013, 138, 417-420.	1.7	150
18	Hydrothermal synthesis of well-stable silver nanoparticles and their application for enzymeless hydrogen peroxide detection. <i>Electrochimica Acta</i> , 2011, 56, 2295-2298.	2.6	140

#	ARTICLE	IF	CITATIONS
19	Energyâ€Saving Electrolytic Hydrogen Generation: Ni <sub>2</sub> P Nanoarray as a Highâ€Performance Nonâ€Nobleâ€Metal Electrocatalyst. <i>Angewandte Chemie</i> , 2017, 129, 860-864.	1.6	140
20	Surface plasmon resonance-induced visible light photocatalytic reduction of graphene oxide: Using Ag nanoparticles as a plasmonic photocatalyst. <i>Nanoscale</i> , 2011, 3, 2142.	2.8	137
21	Mn <sub>3</sub> O <sub>4</sub> Nanocube: An Efficient Electrocatalyst Toward Artificial N <sub>2</sub> Fixation to NH <sub>3</sub> . <i>Small</i> , 2018, 14, e1803111.	5.2	126
22	Novel application of CoFe layered double hydroxide nanoplates for colorimetric detection of H <sub>2</sub> O <sub>2</sub> and glucose. <i>Analyst, The</i> , 2012, 137, 1325.	1.7	99
23	Mn <sub>3</sub> O <sub>4</sub> nanoparticles@reduced graphene oxide composite: An efficient electrocatalyst for artificial N <sub>2</sub> fixation to NH <sub>3</sub> at ambient conditions. <i>Nano Research</i> , 2019, 12, 1093-1098.	5.8	93
24	Preparation of Ag nanoparticle-decorated poly(m-phenylenediamine) microparticles and their application for hydrogen peroxide detection. <i>Analyst, The</i> , 2011, 136, 1806.	1.7	86
25	Preparation of Ag nanoparticle-decorated polypyrrole colloids and their application for H <sub>2</sub> O <sub>2</sub> detection. <i>Electrochemistry Communications</i> , 2011, 13, 785-787.	2.3	84
26	A new preparation of Au nanoplates and their application for glucose sensing. <i>Biosensors and Bioelectronics</i> , 2011, 28, 344-348.	5.3	83
27	One-step synthesis of Ag nanoparticles-decorated reduced graphene oxide and their application for H <sub>2</sub> O <sub>2</sub> detection. <i>Electrochimica Acta</i> , 2012, 79, 46-51.	2.6	83
28	High-yield, large-scale production of few-layer graphene flakes within seconds: using chlorosulfonic acid and H <sub>2</sub> O <sub>2</sub> as exfoliating agents. <i>Journal of Materials Chemistry</i> , 2012, 22, 8775.	6.7	83
29	Acid-driven, microwave-assisted production of photoluminescent carbon nitride dots from N,N-dimethylformamide. <i>RSC Advances</i> , 2011, 1, 951.	1.7	81
30	One-pot synthesis of Ag nanoparticles/reduced graphene oxide nanocomposites and their application for nonenzymatic H <sub>2</sub> O <sub>2</sub> detection. <i>Electrochimica Acta</i> , 2012, 83, 283-287.	2.6	76
31	Green synthesis of carbon nanodots as an effective fluorescent probe for sensitive and selective detection of mercury(II) ions. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	75
32	Facile synthesis of novel Ni( <i>scp</i> ) <sub>2</sub> -based metalâ€organic coordination polymernanoparticle/reduced graphene oxide nanocomposites and their application for highly sensitive and selective nonenzymatic glucose sensing. <i>Analyst, The</i> , 2013, 138, 429-433.	1.7	69
33	Method for effective immobilization of Ag nanoparticles/graphene oxide composites on single-stranded DNA modified gold electrode for enzymeless H <sub>2</sub> O <sub>2</sub> detection. <i>Journal of Materials Science</i> , 2011, 46, 5260-5266.	1.7	63
34	A novel label-free amperometric immunosensor for carcinoembryonic antigen based on Ag nanoparticle decorated infinite coordination polymer fibres. <i>Biosensors and Bioelectronics</i> , 2014, 57, 219-225.	5.3	62
35	Microwave-assisted, environmentally friendly, one-pot preparation of Pd nanoparticles/graphene nanocomposites and their application in electrocatalytic oxidation of methanol. <i>Catalysis Science and Technology</i> , 2011, 1, 1636.	2.1	57
36	Synthesis and Study of Plasmonâ€Induced Carrier Behavior at Ag/TiO <sub>2</sub> Nanowires. <i>Chemistry - A European Journal</i> , 2012, 18, 8508-8514.	1.7	55

#	ARTICLE	IF	CITATIONS
37	Surface plasmon aided high sensitive non-enzymatic glucose sensor using Au/NiAu multilayered nanowire arrays. <i>Biosensors and Bioelectronics</i> , 2018, 111, 41-46.	5.3	53
38	A novel strategy to synthesize Au nanoplates and their application for enzymeless H <sub>2</sub> O <sub>2</sub> detection. <i>Electrochimica Acta</i> , 2012, 60, 13-16.	2.6	52
39	Large-scale synthesis of ultrathin Au-Pt nanowires assembled on thionine/graphene with high conductivity and sensitivity for electrochemical immunosensor. <i>Electrochimica Acta</i> , 2014, 130, 335-343.	2.6	52
40	Ni-Fe PBA hollow nanocubes as efficient electrode materials for highly sensitive detection of guanine and hydrogen peroxide in human whole saliva. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111445.	5.3	52
41	Ag@poly(m-phenylenediamine)-Ag core-shell nanoparticles: one-step preparation, characterization, and their application for H <sub>2</sub> O <sub>2</sub> detection. <i>Catalysis Science and Technology</i> , 2011, 1, 1393.	2.1	51
42	Ni-MOF nanosheet arrays: efficient non-noble-metal electrocatalysts for non-enzymatic monosaccharide sensing. <i>New Journal of Chemistry</i> , 2018, 42, 3180-3183.	1.4	49
43	Green photocatalytic synthesis of Ag nanoparticle-decorated TiO <sub>2</sub> nanowires for nonenzymatic amperometric H <sub>2</sub> O <sub>2</sub> detection. <i>Electrochimica Acta</i> , 2012, 74, 275-279.	2.6	47
44	Co <sub>3</sub> P@Co <sub>3</sub> O <sub>4</sub> Nanocomposite on Cobalt Foam as Efficient Bifunctional Electrocatalysts for Hydrazine-Assisted Hydrogen Production. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 4688-4701.	3.2	45
45	Ultrathin nickel-metal-organic framework nanobelt based electrochemical sensor for the determination of urea in human body fluids. <i>RSC Advances</i> , 2019, 9, 29474-29481.	1.7	44
46	One-step preparation of Ag nanoparticle-decorated coordination polymer nanobelts and their application for enzymeless H <sub>2</sub> O <sub>2</sub> detection. <i>Electrochimica Acta</i> , 2011, 56, 8371-8374.	2.6	41
47	Energy-Efficient Hydrogen Evolution Reactions via Hydrazine Oxidation over Facile Synthesis of Cobalt Tetraoxide Electrodes. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 7973-7980.	3.2	41
48	Synthesis of Ag nanoparticle-decorated 2,4,6-tris(2-pyridyl)-1,3,5-triazine nanobelts and their application for H <sub>2</sub> O <sub>2</sub> and glucose detection. <i>Analyst</i> , 2012, 137, 939-943.	1.7	39
49	Microwave-assisted rapid synthesis of Pt/graphene nanosheet composites and their application for methanol oxidation. <i>Journal of Nanoparticle Research</i> , 2011, 13, 4731-4737.	0.8	37
50	Submicrometre-scale polyaniline colloidal spheres: photopolymerization preparation using fluorescent carbon nitride dots as a photocatalyst. <i>Catalysis Science and Technology</i> , 2012, 2, 711.	2.1	35
51	Bimetallic gold-silver nanoplate array as a highly active SERS substrate for detection of streptavidin/biotin assemblies. <i>Analytica Chimica Acta</i> , 2013, 805, 95-100.	2.6	34
52	Design of a heterometallic Zn/Ca-MOF decorated with alkoxy groups on the pore surface exhibiting high fluorescence sensing performance for Fe <sup>3+</sup> and Cr <sub>2</sub> O <sub>7</sub> <sup>2-</sup> . <i>CrystEngComm</i> , 2020, 22, 4710-4715.	1.3	34
53	CdS quantum dots as a fluorescent sensing platform for nucleic acid detection. <i>Mikrochimica Acta</i> , 2011, 175, 355-359.	2.5	33
54	Glucose-sensing abilities of mixed-metal (Ni Co) Prussian blue analogs hollow nanocubes. <i>Journal of Electroanalytical Chemistry</i> , 2020, 874, 114507.	1.9	33

#	ARTICLE	IF	CITATIONS
55	Biomolecule-based formaldehyde resin microspheres loaded with Au nanoparticles: A novel immunoassay for detection of tumor markers in human serum. <i>Biosensors and Bioelectronics</i> , 2014, 53, 346-354.	5.3	32
56	Coordination polymer nanobelts for nucleic acid detection. <i>Nanotechnology</i> , 2011, 22, 195502.	1.3	30
57	An electrochemical immunosensor for simultaneous multiplexed detection of two lung cancer biomarkers using Au nanoparticles coated resin microspheres composed of L-tryptophan and caffeic acid. <i>Ionics</i> , 2015, 21, 1141-1152.	1.2	29
58	SERS tags-based novel monodispersed hollow gold nanospheres for highly sensitive immunoassay of CEA. <i>Journal of Materials Science</i> , 2015, 50, 3329-3336.	1.7	29
59	A label-free electrochemical aptasensor based on the core-shell Cu-MOF@TpBD hybrid nanoarchitecture for the sensitive detection of PDGF-BB. <i>Analyst</i> , The, 2021, 146, 979-988.	1.7	28
60	Hydrothermal synthesis of ultra-highly concentrated, well-stable Ag nanoparticles and their application for enzymeless hydrogen peroxide detection. <i>Journal of Nanoparticle Research</i> , 2011, 13, 2689-2695.	0.8	27
61	One-Step Hydrothermal Synthesis of Ag Nanoparticle Decorated Submicrometer-Scale Spherical AgBr Colloids: A Highly Efficient Visible Light Plasmonic Photocatalyst for Degradation of Organic Dyes. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 67-71.	1.2	26
62	A comparative study of electrocatalytic oxidation of glucose on conductive Ni-MOF nanosheet arrays with different ligands. <i>New Journal of Chemistry</i> , 2020, 44, 17849-17853.	1.4	26
63	Layer-by-layer self-assembly of multilayer films of polyelectrolyte/Ag nanoparticles for enzymeless hydrogen peroxide detection. <i>Thin Solid Films</i> , 2011, 520, 554-557.	0.8	25
64	Ternary Nanocomposites of Porphyrin, Angular Au Nanoparticles and Reduced Graphene Oxide: Photocatalytic Synthesis and Enhanced Photocurrent Generation. <i>ChemCatChem</i> , 2012, 4, 1079-1083.	1.8	25
65	A two-dimensional G-CoP/N,P-co-doped carbon nanowire electrode for the simultaneous determination of hydroquinone and catechol in domestic wastewater. <i>Analytica Chimica Acta</i> , 2022, 1210, 339871.	2.6	25
66	Novel synthesis of Au nanoparticles using fluorescent carbon nitride dots as photocatalyst. <i>Gold Bulletin</i> , 2012, 45, 61-67.	1.1	24
67	Highly sensitive detection of hesperidin using AuNPs/rGO modified glassy carbon electrode. <i>Analyst</i> , The, 2018, 143, 297-303.	1.7	24
68	Immobilization of Au nanoparticles on Au electrode for hydrazine detection: Using thiolated single-stranded DNA as a linker. <i>Thin Solid Films</i> , 2011, 519, 6130-6134.	0.8	23
69	Metal-dependent photosensitivity of three isostructural 1D CPs based on the 1,1'-bis(3-carboxylatobenzyl)-4,4'-bipyridinium moiety. <i>Dalton Transactions</i> , 2020, 49, 4044-4049.	1.6	23
70	A photoelectrochemical sensor for highly sensitive detection of glucose based on Au-NiO hybrid nanowires. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127330.	4.0	22
71	Titanium silicalite-1 zeolite microparticles for enzymeless H <sub>2</sub> O <sub>2</sub> detection. <i>Analyst</i> , The, 2011, 136, 2037.	1.7	21
72	Surface-enhanced Raman spectroscopic detection and differentiation of lung cancer cell lines (A549,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 64225-64234.	1.7	21

#	ARTICLE	IF	CITATIONS
73	Multiplexing determination of lung cancer biomarkers using electrochemical and surface-enhanced Raman spectroscopic techniques. <i>New Journal of Chemistry</i> , 2015, 39, 5420-5430.	1.4	21
74	Multiplexing determination of cancer-associated biomarkers by surface-enhanced Raman scattering using ordered gold nanohoneycomb arrays. <i>Bioanalysis</i> , 2017, 9, 1561-1572.	0.6	19
75	A novel method to construct a 3D FeWO <sub>4</sub> microsphere-array electrode as a non-enzymatic glucose sensor. <i>Nanotechnology</i> , 2019, 30, 165501.	1.3	19
76	Ultra-sensitive and high efficiency detection of multiple non-small cell lung cancer-related miRNAs on a single test line in catalytic hairpin assembly-based SERS-LFA strip. <i>Analytica Chimica Acta</i> , 2021, 1178, 338800.	2.6	19
77	Self-supported spinel FeCo <sub>2</sub> O <sub>4</sub> nanowire array: an efficient non-noble-metal catalyst for the hydrolysis of NaBH <sub>4</sub> toward on-demand hydrogen generation. <i>Nanotechnology</i> , 2016, 27, 46LT03.	1.3	18
78	Ni Nanosheets: A High Catalytic Activity Platform for Electrochemical Detection of Acetaminophen. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1849-1854.	2.6	18
79	Synthesis of a MnO <sub>2</sub> Nanosheet/Graphene Flake Composite and Its Application as a Supercapacitor having High Rate Capability. <i>ChemPlusChem</i> , 2012, 77, 872-876.	1.3	17
80	Cobalt phosphide nanowall array as an efficient 3D catalyst electrode for methanol electro-oxidation. <i>Nanotechnology</i> , 2016, 27, 44LT02.	1.3	17
81	The simultaneous detection of the squamous cell carcinoma antigen and cancer antigen 125 in the cervical cancer serum using nano-Ag polydopamine nanospheres in an SERS-based lateral flow immunoassay. <i>RSC Advances</i> , 2020, 10, 29156-29170.	1.7	17
82	Sun, UV and X-ray triple photochromic properties of three coordination polymers based on 1,1'-bis(3-carboxylatobenzyl)-4,4'-bipyridinium ligand. <i>CrystEngComm</i> , 2020, 22, 2121-2127.	1.3	15
83	Highly sensitive detection of cytochrome c in the NSCLC serum using a hydrophobic paper based "gold nanourchin substrate. <i>Biomedical Optics Express</i> , 2020, 11, 7062.	1.5	15
84	A dual-signal amplification strategy based on pump-free SERS microfluidic chip for rapid and ultrasensitive detection of non-small cell lung cancer-related circulating tumour DNA in mice serum. <i>Biosensors and Bioelectronics</i> , 2022, 205, 114110.	5.3	14
85	Ni-Fe hybrid nanocubes: an efficient electrocatalyst for non-enzymatic glucose sensing with a wide detection range. <i>New Journal of Chemistry</i> , 2019, 43, 11135-11140.	1.4	13
86	Photochromic properties of three 2D MOFs based on 1-carboxyethyl-4,4'-bipyridinine. <i>RSC Advances</i> , 2019, 9, 33155-33162.	1.7	13
87	A three-dimensional CoNi-MOF nanosheet array-based immunosensor for sensitive monitoring of human chorionic gonadotropin with core-shell ZnNi-MOF@Nile Blue nanotags. <i>Analyst</i> , 2020, 145, 8097-8103.	1.7	13
88	Metal-dependent chromic properties of three isostructural 1D coordination polymers based on 1-(2-carboxyethyl)-4,4'-bipyridinium ligand. <i>Dyes and Pigments</i> , 2020, 177, 108266.	2.0	12
89	Highly sensitive and selective dopamine sensor uses three-dimensional cobalt phosphide nanowire array. <i>Journal of Materials Science</i> , 2021, 56, 6401-6410.	1.7	12
90	A SERS-LFA biosensor combined with aptamer recognition for simultaneous detection of thrombin and PDGF-BB in prostate cancer plasma. <i>Nanotechnology</i> , 2021, 32, 445101.	1.3	11

#	ARTICLE	IF	CITATIONS
91	Polypyrrole colloidal nanospheres as an effective fluorescent sensing platform for DNA detection. <i>Synthetic Metals</i> , 2011, 161, 1766-1770.	2.1	10
92	In-situ synthesis of silver nanoparticles on resin microspheres composed of poly(m-aminophenol), and their application in an enzymatic glucose biosensor. <i>Mikrochimica Acta</i> , 2015, 182, 479-486.	2.5	10
93	A novel surface-enhanced Raman scattering probe based on Au nanoboxes for dynamic monitoring of caspase-3 during cervical cancer cell apoptosis. <i>Journal of Materials Chemistry B</i> , 2021, 9, 381-391.	2.9	10
94	Au Nanoparticles Anchored on Cobalt Boride Nanowire Arrays for the Electrochemical Determination of Prostate-Specific Antigen. <i>ACS Applied Nano Materials</i> , 2021, 4, 5707-5716.	2.4	9
95	Synthesis and characterization of CuInS <sub>2</sub> nanoflowers. <i>Colloid Journal</i> , 2010, 72, 282-285.	0.5	8
96	A SERS protocol as a potential tool to access 6-mercaptopurine release accelerated by glutathione-S-transferase. <i>Analyst, The</i> , 2015, 140, 7578-7585.	1.7	8
97	A Sensitive Electrochemical MUC1 Sensing Platform Based on Electroactive Cu-MOFs Decorated by AuPt Nanoparticles. <i>Journal of the Electrochemical Society</i> , 2020, 167, 087502.	1.3	8
98	Novel nanotextured microelectrodes: Electrodeposition-based fabrication and their application to ultrasensitive nucleic acid detection. <i>Electrochimica Acta</i> , 2011, 56, 2832-2836.	2.6	7
99	Au nanoparticle decorated resin microspheres: synthesis and application in electrochemical cytosensors for sensitive and selective detection of lung cancer A549 cells. <i>RSC Advances</i> , 2015, 5, 24615-24624.	1.7	7
100	Process characterization of epithelial-mesenchymal transition in alveolar epithelial type II cells using surface-enhanced Raman scattering spectroscopy. <i>RSC Advances</i> , 2016, 6, 14321-14328.	1.7	7
101	Copper(II) 1,4-naphthalenedicarboxylate on copper foam nanowire arrays for electrochemical immunosensing of the prostate specific antigen. <i>Mikrochimica Acta</i> , 2019, 186, 758.	2.5	7
102	Photochromism and hydrochromism of three complexes based on a new viologen 1-(4-carboxybutyl)-4,4'-bipyridinium ligand. <i>Inorganica Chimica Acta</i> , 2020, 512, 119921.	1.2	7
103	Carbon nanoparticles-induced formation of polyaniline nanofibers and their subsequent decoration with Ag nanoparticles for nonenzymatic H <sub>2</sub> O <sub>2</sub> detection. <i>Russian Journal of Electrochemistry</i> , 2014, 50, 95-99.	0.3	5
104	Microwave-assisted one-pot synthesis of Ag NPs/C and its application in H <sub>2</sub> O <sub>2</sub> and glucose detection. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 433-436.	1.3	5
105	Two Types of Immunoassay Based on Nile Blue Labeling Polydopamine Nanospheres. <i>Nano</i> , 2017, 12, 1750092.	0.5	5
106	High-performance electrochemical glucose sensing enabled by Cu(TCNQ) nanorod array. <i>Nanotechnology</i> , 2018, 29, 135502.	1.3	5
107	Effect of counter cations on the photochromic behaviors of three Zn-viologen complexes. <i>New Journal of Chemistry</i> , 2019, 43, 12678-12683.	1.4	5
108	Investigation of the sublimation mechanism of GeSe and GeS. <i>Chemical Communications</i> , 2021, 57, 11461-11464.	2.2	5

#	ARTICLE	IF	CITATIONS
109	Polyacetylene nanoparticles-based preparation of polyaniline nanofibers. Journal of Nanoparticle Research, 2011, 13, 471-477.	0.8	4
110	Determination of berberine in Rhizoma coptidis using a $\beta$ -cyclodextrin-sensitized fluorescence method. RSC Advances, 2020, 10, 40136-40141.	1.7	4
111	Solution-processed Ge( <i>sc</i> )-based chalcogenide thin films with tunable bandgaps for photovoltaics. Chemical Science, 2022, 13, 5944-5950.	3.7	4
112	Supramolecular Microfibrils of O-Phenylenediamine Dimers: Oxidation-induced Formation of Au Nanoparticle-decorated Nanoplates for H <sub>2</sub> O <sub>2</sub> Detection. Current Nanoscience, 2012, 8, 221-225.	0.7	3
113	Preparation of graphene platelet-Ru(phen) <sup>3+</sup> assemblies and their application in electrochemiluminescence detection. Russian Journal of Electrochemistry, 2013, 49, 1092-1096.	0.3	3
114	2,4,6-Tris (2-pyridyl)-1,3,5-triazine Nanobelts as an Effective Fluorescent Sensing Platform for DNA Detection. Journal of Nanoscience and Nanotechnology, 2012, 12, 2089-2093.	0.9	2
115	Synthesis and Characterization of Silver Nanoparticle Modified 3-Aminophenol Resin Microspheres with Application for Determination of Carcinoembryonic Antigens by Surface-Enhanced Raman Scattering. Analytical Letters, 2015, 48, 2245-2257.	1.0	2
116	Supramolecular microrods can be prepared by mixing aqueous Ru(NH <sub>3</sub> ) <sub>6</sub> Cl <sub>3</sub> and K <sub>3</sub> Fe(CN) <sub>6</sub> solutions at room temperature. Colloid Journal, 2010, 72, 141-144.	0.5	1
117	Single-stranded DNA-based Immobilization of Ag Nanoparticles for Enzymeless H <sub>2</sub> O <sub>2</sub> Detection. Current Nanoscience, 2012, 8, 292-298.	0.7	1
118	Electrodeposition-based controllable fabrication of novel Pd nanotextured microelectrodes. Russian Journal of Electrochemistry, 2012, 48, 1135-1139.	0.3	0
119	Nanotextured Au microelectrodes: Electrodeposition-based fabrication and their cyclic voltammograms study. Russian Journal of Electrochemistry, 2012, 48, 89-92.	0.3	0
120	7,7,8,8-tetracyanoquinodimethane microsheets for hydrogen peroxide reduction. Russian Journal of Electrochemistry, 2013, 49, 1097-1100.	0.3	0