

Chao Yu

List of Publications by Year in descending order

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134
papers

4,821
citations

94433

37
h-index

118850

62
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136
all docs

136
docs citations

136
times ranked

6578
citing authors

#	ARTICLE	IF	CITATIONS
1	Hard-Magnet L10-CoPt Nanoparticles Advance Fuel Cell Catalysis. <i>Joule</i> , 2019, 3, 124-135.	24.0	326
2	Fe Stabilization by Intermetallic L1 ₀ -FePt and Pt Catalysis Enhancement in L1 ₀ -FePt/Pt Nanoparticles for Efficient Oxygen Reduction Reaction in Fuel Cells. <i>Journal of the American Chemical Society</i> , 2018, 140, 2926-2932.	13.7	312
3	Cu ₃ N Nanocubes for Selective Electrochemical Reduction of CO ₂ to Ethylene. <i>Nano Letters</i> , 2019, 19, 8658-8663.	9.1	173
4	Ferritinophagy is involved in the zinc oxide nanoparticles-induced ferroptosis of vascular endothelial cells. <i>Autophagy</i> , 2021, 17, 4266-4285.	9.1	162
5	CuNi Nanoparticles Assembled on Graphene for Catalytic Methanolysis of Ammonia Borane and Hydrogenation of Nitro/Nitrile Compounds. <i>Chemistry of Materials</i> , 2017, 29, 1413-1418.	6.7	149
6	Robust Self-Healing Host-Guest Gels from Magnetocaloric Radical Polymerization. <i>Advanced Functional Materials</i> , 2014, 24, 1235-1242.	14.9	132
7	Photocatalytic dehydrogenation of formic acid promoted by a superior PdAg@g-C ₃ N ₄ Schottky heterojunction. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2022-2026.	10.3	116
8	Stabilizing CuPd Nanoparticles via CuPd Coupling to WO _{2.72} Nanorods in Electrochemical Oxidation of Formic Acid. <i>Journal of the American Chemical Society</i> , 2017, 139, 15191-15196.	13.7	106
9	Facile plasma-induced fabrication of fluorescent carbon dots toward high-performance white LEDs. <i>Journal of Materials Science</i> , 2013, 48, 6307-6311.	3.7	89
10	Metal-Organic Frameworks Nanocomposites with Different Dimensionalities for Energy Conversion and Storage. <i>Advanced Energy Materials</i> , 2022, 12, 2100346.	19.5	86
11	Lysosomal deposition of copper oxide nanoparticles triggers HUVEC cells death. <i>Biomaterials</i> , 2018, 161, 228-239.	11.4	85
12	A novel non-invasive detection method for the FGFR3 gene mutation in maternal plasma for a fetal achondroplasia diagnosis based on signal amplification by hemin-MOFs/PtNPs. <i>Biosensors and Bioelectronics</i> , 2017, 91, 892-899.	10.1	80
13	Target triggered cleavage effect of DNAzyme: Relying on Pd-Pt alloys functionalized Fe-MOFs for amplified detection of Pb ²⁺ . <i>Biosensors and Bioelectronics</i> , 2018, 101, 297-303.	10.1	80
14	Glucose-responsive multifunctional metal-organic drug-loaded hydrogel for diabetic wound healing. <i>Acta Biomaterialia</i> , 2022, 140, 206-218.	8.3	80
15	A sensitive sandwich-type immunosensor for the detection of galectin-3 based on N-GNRs-Fe-MOFs@AuNPs nanocomposites and a novel AuPt-methylene blue nanorod. <i>Biosensors and Bioelectronics</i> , 2018, 101, 253-259.	10.1	76
16	Target-catalyzed hairpin assembly and metal-organic frameworks mediated nonenzymatic co-reaction for multiple signal amplification detection of miR-122 in human serum. <i>Biosensors and Bioelectronics</i> , 2018, 102, 307-315.	10.1	74
17	Room-Temperature Chemoselective Reduction of 3-Nitrostyrene to 3-Vinylaniline by Ammonia Borane over Cu Nanoparticles. <i>Journal of the American Chemical Society</i> , 2018, 140, 16460-16463.	13.7	73
18	A natural polysaccharide mediated MOF-based Ce6 delivery system with improved biological properties for photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1481-1488.	5.8	72

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19	AgPd Nanoparticles Deposited on WO _{2.72} Nanorods as an Efficient Catalyst for One-Pot Conversion of Nitrophenol/Nitroacetophenone into Benzoxazole/Quinazoline. <i>Journal of the American Chemical Society</i> , 2017, 139, 5712-5715.	13.7	71
20	Effects of DEHP on endometrial receptivity and embryo implantation in pregnant mice. <i>Journal of Hazardous Materials</i> , 2012, 241-242, 231-240.	12.4	63
21	Tetramethylpyrazine inhibits production of nitric oxide and inducible nitric oxide synthase in lipopolysaccharide-induced N9 microglial cells through blockade of MAPK and PI3K/Akt signaling pathways, and suppression of intracellular reactive oxygen species. <i>Journal of Ethnopharmacology</i> , 2010, 129, 335-343.	4.1	57
22	Tetramethylpyrazine suppresses interleukin-8 expression in LPS-stimulated human umbilical vein endothelial cell by blocking ERK, p38 and nuclear factor- κ B signaling pathways. <i>Journal of Ethnopharmacology</i> , 2009, 125, 83-89.	4.1	53
23	Facile access to poly(NMA-co-VCL) hydrogels via long range laser ignited frontal polymerization. <i>Journal of Materials Chemistry A</i> , 2013, 1, 7326.	10.3	50
24	A novel sandwich aptasensor for detecting T-2 toxin based on rGO-TEPA-Au@Pt nanorods with a dual signal amplification strategy. <i>Biosensors and Bioelectronics</i> , 2019, 144, 111635.	10.1	50
25	Novel Ce(III)-Metal Organic Framework with a Luminescent Property To Fabricate an Electrochemiluminescence Immunosensor. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 338-346.	8.0	48
26	Maximizing the Catalytic Activity of Nanoparticles through Monolayer Assembly on Nitrogen-Doped Graphene. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 451-455.	13.8	47
27	<p>Copper Oxide Nanoparticles Induce Oxidative DNA Damage and Cell Death via Copper Ion-Mediated P38 MAPK Activation in Vascular Endothelial Cells</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 3291-3302.	6.7	47
28	Geniposide inhibits interleukin-6 and interleukin-8 production in lipopolysaccharide-induced human umbilical vein endothelial cells by blocking p38 and ERK1/2 signaling pathways. <i>Inflammation Research</i> , 2010, 59, 451-461.	4.0	45
29	Efficient Hydrogen Generation from Ammonia Borane and Tandem Hydrogenation or Hydrodehalogenation over AuPd Nanoparticles. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 2814-2821.	6.7	45
30	Stabilizing Fe Nanoparticles in the SmCo ₅ Matrix. <i>Nano Letters</i> , 2017, 17, 5695-5698.	9.1	44
31	Cerium dioxide-doped carboxyl fullerene as novel nanoprobe and catalyst in electrochemical biosensor for amperometric detection of the CYP2C19*2 allele in human serum. <i>Biosensors and Bioelectronics</i> , 2018, 102, 94-100.	10.1	44
32	Reductive amination of ethyl levulinate to pyrrolidones over AuPd nanoparticles at ambient hydrogen pressure. <i>Green Chemistry</i> , 2019, 21, 1895-1899.	9.0	44
33	Chemical Synthesis of Magnetically Hard and Strong Rare Earth Metal Based Nanomagnets. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 602-606.	13.8	42
34	Surface Pd-rich PdAg nanowires as highly efficient catalysts for dehydrogenation of formic acid and subsequent hydrogenation of adiponitrile. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17323-17328.	10.3	41
35	Self-Assembling Porphyrins as a Single Therapeutic Agent for Synergistic Cancer Therapy: A One Stone Three Birds Strategy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 27856-27867.	8.0	40
36	A novel electrochemical immunosensor based on the rGO-TEPA-PTC-NH ₂ and AuPt modified C60 bimetallic nanoclusters for the detection of Vangl1, a potential biomarker for dysontogenesis. <i>Biosensors and Bioelectronics</i> , 2016, 79, 364-370.	10.1	39

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37	Dandelion-like CuO microspheres decorated with Au nanoparticle modified biosensor for Hg ²⁺ detection using a T-Hg ²⁺ -T triggered hybridization chain reaction amplification strategy. <i>Biosensors and Bioelectronics</i> , 2019, 131, 207-213.	10.1	39
38	The Effect of Tetramethylpyrazine on Hydrogen Peroxide-Induced Oxidative Damage in Human Umbilical Vein Endothelial Cells. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2010, 106, 45-52.	2.5	38
39	A new strategy to synthesize anisotropic SmCo ₅ nanomagnets. <i>Nanoscale</i> , 2018, 10, 8735-8740.	5.6	37
40	A dual-type responsive electrochemical immunosensor for quantitative detection of PCSK9 based on n-C60-PdPt/N-GNRs and Pt-poly (methylene blue) nanocomposites. <i>Biosensors and Bioelectronics</i> , 2018, 101, 7-13.	10.1	36
41	Nickel-Based Materials for Advanced Rechargeable Batteries. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	36
42	Ultrasensitive electrochemical biosensor based on graphite oxide, Prussian blue, and PTC-NH ₂ for the detection of α -2,6-sialylated glycans in human serum. <i>Biosensors and Bioelectronics</i> , 2014, 62, 79-83.	10.1	35
43	A simultaneous electrochemical multianalyte immunoassay of high sensitivity C-reactive protein and soluble CD40 ligand based on reduced graphene oxide-tetraethylene pentamine that directly adsorb metal ions as labels. <i>Biosensors and Bioelectronics</i> , 2015, 72, 237-246.	10.1	35
44	Sandwich-type biosensor for the detection of α -2,3-sialylated glycans based on fullerene-palladium-platinum alloy and 4-mercaptophenylboronic acid nanoparticle hybrids coupled with Au-methylene blue-MAL signal amplification. <i>Biosensors and Bioelectronics</i> , 2018, 102, 321-327.	10.1	34
45	Facile access to versatile hydrogels via interface-directed frontal polymerization derived from the magnetocaloric effect. <i>Journal of Materials Chemistry A</i> , 2015, 3, 17351-17358.	10.3	33
46	TNF- α regulates the proteolytic degradation of ST6Gal-1 and endothelial cell-cell junctions through upregulating expression of BACE1. <i>Scientific Reports</i> , 2017, 7, 40256.	3.3	33
47	Disruption of the superoxide anions-mitophagy regulation axis mediates copper oxide nanoparticles-induced vascular endothelial cell death. <i>Free Radical Biology and Medicine</i> , 2018, 129, 268-278.	2.9	33
48	Trimetallic signal amplification aptasensor for TSP-1 detection based on Ce-MOF@Au and AuPtRu nanocomposites. <i>Biosensors and Bioelectronics</i> , 2019, 132, 302-309.	10.1	33
49	YAP is closely correlated with castration-resistant prostate cancer, and downregulation of YAP reduces proliferation and induces apoptosis of PC-3 cells. <i>Molecular Medicine Reports</i> , 2015, 12, 4867-4876.	2.4	32
50	Paeonol suppresses lipid accumulation in macrophages via upregulation of the ATP-binding cassette transporter A1 and downregulation of the cluster of differentiation 36. <i>International Journal of Oncology</i> , 2015, 46, 764-774.	3.3	32
51	Facile Access to Graphene Oxide from Ferro-Induced Oxidation. <i>Scientific Reports</i> , 2016, 6, 17071.	3.3	31
52	Geniposide against atherosclerosis by inhibiting the formation of foam cell and lowering reverse lipid transport via p38/MAPK signaling pathways. <i>European Journal of Pharmacology</i> , 2019, 864, 172728.	3.5	31
53	Fabrication of pioneering 3D sakura-shaped metal-organic coordination polymers Cu@L-Glu phenomenal for signal amplification in highly sensitive detection of zearalenone. <i>Biosensors and Bioelectronics</i> , 2019, 129, 139-146.	10.1	31
54	Astragaloside IV attenuates the H ₂ O ₂ -induced apoptosis of neuronal cells by inhibiting α -synuclein expression via the p38 MAPK pathway. <i>International Journal of Molecular Medicine</i> , 2017, 40, 1772-1780.	4.0	30

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55	One-pot formic acid dehydrogenation and synthesis of benzene-fused heterocycles over reusable AgPd/WO _{2.72} nanocatalyst. <i>Journal of Materials Chemistry A</i> , 2018, 6, 23766-23772.	10.3	29
56	Targeting FoxM1 inhibits proliferation, invasion and migration of nasopharyngeal carcinoma through the epithelial-to-mesenchymal transition pathway. <i>Oncology Reports</i> , 2015, 33, 2402-2410.	2.6	27
57	A novel DNA biosensor integrated with Polypyrrole/streptavidin and Au-PAMAM-CP bionanocomposite probes to detect the rs4839469 locus of the vangl1 gene for dysontogenesis prediction. <i>Biosensors and Bioelectronics</i> , 2016, 80, 674-681.	10.1	27
58	Detection of urine metabolites in polycystic ovary syndrome by UPLC triple-TOF-MS. <i>Clinica Chimica Acta</i> , 2015, 448, 39-47.	1.1	26
59	Glycosyltransferases, glycosylation and atherosclerosis. <i>Glycoconjugate Journal</i> , 2014, 31, 605-611.	2.7	25
60	Cytotoxicity of tubeimoside I in human choriocarcinoma JEG-3 cells by induction of cytochrome c release and apoptosis via the mitochondrial-related signaling pathway. <i>International Journal of Molecular Medicine</i> , 2011, 28, 579-87.	4.0	24
61	Atomic scale deposition of Pt around Au nanoparticles to achieve much enhanced electrocatalysis of Pt. <i>Nanoscale</i> , 2017, 9, 7745-7749.	5.6	24
62	An impedimetric biosensor for the diagnosis of renal cell carcinoma based on the interaction between 3-aminophenyl boronic acid and sialic acid. <i>Biosensors and Bioelectronics</i> , 2017, 92, 434-441.	10.1	24
63	Enzyme-induced multicolor colorimetric and electrochemiluminescence sensor with a smartphone for visual and selective detection of Hg ²⁺ . <i>Journal of Hazardous Materials</i> , 2021, 415, 125538.	12.4	24
64	Lysophosphatidic acid directly induces macrophage-derived foam cell formation by blocking the expression of SRBI. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 587-594.	2.1	23
65	Hydrodehalogenation of Polyhalogenated Aromatics Catalyzed by NiPd Nanoparticles Supported on Nitrogen-Doped Graphene. <i>ChemSusChem</i> , 2018, 11, 1617-1620.	6.8	23
66	A label-free immunosensor for the detection of nuclear matrix protein-22 based on a chrysanthemum-like Co-MOFs/CuAu NWs nanocomposite. <i>Analyst</i> , The, 2019, 144, 649-655.	3.5	23
67	A sensitive sandwich-type immunosensor for the detection of MCP-1 based on a rGO-TEPA-Thi-Au nanocomposite and novel RuPdPt trimetallic nanoalloy particles. <i>Biosensors and Bioelectronics</i> , 2019, 131, 67-73.	10.1	23
68	Interfacial engineering coupling with tailored oxygen vacancies in Co ₂ Mn ₂ O ₄ spinel hollow nanofiber for catalytic phenol removal. <i>Journal of Hazardous Materials</i> , 2022, 424, 127647.	12.4	23
69	Synthesis of Tostadas-Shaped Metal-Organic Frameworks for Remitting Capacity Fading of Li-Ion Batteries. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	23
70	Electrochemical sensor for sensitive detection of paracetamol based on novel multi-walled carbon nanotubes-derived organic-inorganic material. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 461-468.	3.4	21
71	Maternal exposure to CeO ₂ NPs during early pregnancy impairs pregnancy by inducing placental abnormalities. <i>Journal of Hazardous Materials</i> , 2020, 389, 121830.	12.4	21
72	Chitosan oligosaccharides enhance lipid droplets via down-regulation of PCSK9 gene expression in HepG2 cells. <i>Experimental Cell Research</i> , 2018, 366, 152-160.	2.6	20

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73	Self-Assembly of Nanoparticles into Two-Dimensional Arrays for Catalytic Applications. <i>ChemPhysChem</i> , 2019, 20, 23-30.	2.1	20
74	The α 1,3-fucosyltransferase FUT7 regulates IL-1 β -induced monocyte-endothelial adhesion via fucosylation of endomucin. <i>Life Sciences</i> , 2018, 192, 231-237.	4.3	19
75	Dual-type responsive electrochemical biosensor for the detection of α 2,6-sialylated glycans based on AuNRs-SA coupled with c-SWCNHs/S-PtNC nanocomposites signal amplification. <i>Biosensors and Bioelectronics</i> , 2019, 130, 166-173.	10.1	19
76	CuPd Nanoparticles as a Robust Catalyst for Electrochemical Allylic Alkylation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15933-15936.	13.8	19
77	Rapid synthesis of poly(HPAA-co-VAc) amphiphilic gels toward removal of toxic solvents via plasma-initiated frontal polymerization. <i>Journal of Polymer Science Part A</i> , 2011, 49, 5217-5226.	2.3	18
78	A sensitive glucose biosensor based on the abundant immobilization of glucose oxidase on hollow Pt nanospheres assembled on graphene oxide-Prussian Blue-PTC-NH ₂ nanocomposite film. <i>Journal of Electroanalytical Chemistry</i> , 2015, 741, 8-13.	3.8	18
79	Ultrasensitive electrochemical immunosensor based on orderly oriented conductive wires for the detection of human monocyte chemotactic protein-1 in serum. <i>Biosensors and Bioelectronics</i> , 2015, 70, 392-397.	10.1	18
80	Immunoassay for serum amyloid A using a glassy carbon electrode modified with carboxy-polypyrrole, multiwalled carbon nanotubes, ionic liquid and chitosan. <i>Mikrochimica Acta</i> , 2015, 182, 1395-1402.	5.0	18
81	Ultrasensitive electrochemical biosensor based on reduced graphene oxide-tetraethylene pentamine-BMIMPF ₆ hybrids for the detection of α 2,6-sialylated glycans in human serum. <i>Biosensors and Bioelectronics</i> , 2015, 74, 953-959.	10.1	18
82	Amperometric myeloperoxidase immunoassay based on the use of CuPdPt nanowire networks. <i>Mikrochimica Acta</i> , 2018, 185, 55.	5.0	18
83	<i>In vitro</i> and <i>in vivo</i> evaluation of liposomes modified with polypeptides and red cell membrane as a novel drug delivery system for myocardium targeting. <i>Drug Delivery</i> , 2020, 27, 599-606.	5.7	18
84	Determination of α 2,3-sialylated glycans in human serum using a glassy carbon electrode modified with carboxylated multiwalled carbon nanotubes, a polyamidoamine dendrimer, and a glycan-recognizing lectin from <i>Maackia Amurensis</i> . <i>Mikrochimica Acta</i> , 2016, 183, 2337-2344.	5.0	17
85	Tetramethylpyrazine suppresses lipid accumulation in macrophages via upregulation of the ATP-binding cassette transporters and downregulation of scavenger receptors. <i>Oncology Reports</i> , 2017, 38, 2267-2276.	2.6	17
86	ST6GAL1 negatively regulates monocyte transendothelial migration and atherosclerosis development. <i>Biochemical and Biophysical Research Communications</i> , 2018, 500, 249-255.	2.1	17
87	Chem-inspired synthesis of injectable metal-organic hydrogels for programmable drug carriers, hemostasis and synergistic cancer treatment. <i>Chemical Engineering Journal</i> , 2021, 423, 130202.	12.7	17
88	Immunoassay for netrin 1 via a glassy carbon electrode modified with multi-walled carbon nanotubes, thionine and gold nanoparticles. <i>Mikrochimica Acta</i> , 2015, 182, 2115-2122.	5.0	16
89	Astragaloside IV inhibited the activity of CYP1A2 in liver microsomes and influenced theophylline pharmacokinetics in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2012, 65, 149-155.	2.4	15
90	Ultrasensitive electrochemical detection of secretoneurin based on Pb ²⁺ -decorated reduced graphene oxide-tetraethylene pentamine as a label. <i>Biosensors and Bioelectronics</i> , 2015, 69, 95-99.	10.1	14

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91	Reusable voltammetric immunosensor for sCD40L, a biomarker for the acute coronary syndrome, using a glassy carbon electrode modified with a nanocomposite consisting of gold nanoparticles, branched polyethylenimine and carboxylated multiwalled carbon nanotubes. <i>Mikrochimica Acta</i> , 2017, 184, 1837-1845.	5.0	14
92	Interleukin-17-Producing CD4+ T Cells Promote Inflammatory Response and Foster Disease Progression in Hyperlipidemic Patients and Atherosclerotic Mice. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 667768.	2.4	14
93	A novel ultrasensitive electrochemical immunosensor based on carboxy-endcapped conductive polypyrrole for the detection of gypican-3 in human serum. <i>Analytical Methods</i> , 2015, 7, 1745-1750.	2.7	13
94	The role of UNC5b in ox-LDL inhibiting migration of RAW264.7 macrophages and the involvement of CCR7. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 637-643.	2.1	13
95	Chitosan oligosaccharide inhibits LPS-induced apoptosis of vascular endothelial cells through the BKCa channel and the p38 signaling pathway. <i>International Journal of Molecular Medicine</i> , 2012, 30, 157-64.	4.0	12
96	One-Step Electrosynthesis of Graphene Oxide-Doped Polypyrrole Nanocomposite as a Nanointerface for Electrochemical Impedance Detection of Cell Adhesion and Proliferation Using Two Approaches. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-13.	2.7	12
97	Cellular Protein TIA-1 Regulates the Expression of HBV Surface Antigen by Binding the HBV Posttranscriptional Regulatory Element. <i>Intervirolgy</i> , 2008, 51, 203-209.	2.8	11
98	Time-dependent inhibition of CYP3A4 by gallic acid in human liver microsomes and recombinant systems. <i>Xenobiotica</i> , 2015, 45, 213-217.	1.1	11
99	Proteomic analysis for the impact of hypercholesterolemia on expressions of hepatic drug transporters and metabolizing enzymes. <i>Xenobiotica</i> , 2016, 46, 940-947.	1.1	11
100	A trimetallic CuAuPd nanowire as a multifunctional nanocomposites applied to ultrasensitive electrochemical detection of Sema3E. <i>Biosensors and Bioelectronics</i> , 2019, 145, 111677.	10.1	11
101	The NADPH oxidase 4 protects vascular endothelial cells from copper oxide nanoparticles-induced oxidative stress and cell death. <i>Life Sciences</i> , 2020, 252, 117571.	4.3	11
102	Lysophosphatidic acid decreased macrophage foam cell migration correlated with downregulation of fucosyltransferase 8 via HNF1 α . <i>Atherosclerosis</i> , 2019, 290, 19-30.	0.8	10
103	Phytochemical Analysis, Antioxidant and Analgesic Activities of <i>Incarvillea compacta</i> Maxim from the Tibetan Plateau. <i>Molecules</i> , 2019, 24, 1692.	3.8	10
104	Rotenone induces KATP channel opening in PC12 cells in association with the expression of tyrosine hydroxylase. <i>Oncology Reports</i> , 2012, 28, 1376-1384.	2.6	9
105	PdPt nanoparticles anchored on the N-C with the integration of PANI nano hybrids as novel redox probe and catalyst for the detection of rs1801177. <i>Biosensors and Bioelectronics</i> , 2018, 102, 403-410.	10.1	9
106	DNAzyme assisted recycling amplification method for ultrasensitive amperometric determination of lead(II) based on the use of a hairpin assembly on a composite prepared from nitrogen doped graphene, perylenetetracarboxylic anhydride, thionine and gold nanoparticles. <i>Mikrochimica Acta</i> , 2019, 186, 677.	5.0	9
107	Functionalized Ag/Fe-MOFs nanocomposite as a novel endogenous redox mediator for determination of α -2,6-sialylated glycans in serum. <i>Mikrochimica Acta</i> , 2020, 187, 649.	5.0	9
108	Bio-Enzyme Responsive L-Arginine-Based Carbon Dots: The Replenishment of Nitric Oxide for Nonpharmaceutical Therapy. <i>Biomaterials Science</i> , 2021, 9, 7432-7443.	5.4	9

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109	iTRAQ-based proteomic analysis of tetramethylpyrazine inhibition on lipopolysaccharide-induced microglial activation. <i>Life Sciences</i> , 2015, 121, 46-56.	4.3	8
110	Celery extract inhibits mouse CYP2A5 and human CYP2A6 activities via different mechanisms. <i>Oncology Letters</i> , 2016, 12, 5309-5314.	1.8	8
111	Highly Efficient AuPd Catalyst for Synthesizing Polybenzoxazole with Controlled Polymerization. <i>Matter</i> , 2019, 1, 1631-1643.	10.0	8
112	A new sight for detecting the ADRB1 gene mutation to guide a therapeutic regimen for hypertension based on a CeO ₂ -doped nanoprobe. <i>Biosensors and Bioelectronics</i> , 2017, 92, 402-409.	10.1	7
113	Secretoneurin suppresses cardiac hypertrophy through suppression of oxidant stress. <i>European Journal of Pharmacology</i> , 2018, 822, 13-24.	3.5	7
114	Au@BSA microspheres-luminol and a novel luminescent Zeolitic Imidazolate Framework were used for potential-resolved electrochemiluminescence to detect dual targets. <i>Analytica Chimica Acta</i> , 2020, 1140, 89-98.	5.4	7
115	Osthole inhibited the activity of CYP2C9 in human liver microsomes and influenced indomethacin pharmacokinetics in rats. <i>Xenobiotica</i> , 2020, 50, 939-946.	1.1	7
116	Bioactive phenolic components and antioxidant activities of water-based extracts and flavonoid-rich fractions from <i>Salvadora persica</i> L. leaves. <i>Natural Product Research</i> , 2022, 36, 2591-2594.	1.8	7
117	Rapidly accomplished femtomole soluble CD40 ligand detection in human serum: a green-homobifunctional agent coupled with reduced graphene oxide-tetraethylene pentamine as platform. <i>RSC Advances</i> , 2015, 5, 88392-88400.	3.6	6
118	Rotenone-induced energy stress decompensated in ventral mesocerebrum is associated with Parkinsonism progression in rats. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 1060-1066.	1.8	6
119	Chem-inspired hollow ceria nanozymes with lysosome-targeting for tumor synergistic phototherapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 2515-2523.	5.8	6
120	A FRET-based ratiometric fluorescent probe for hydrogen polysulfide detection in living cells and zebrafish. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 267, 120524.	3.9	6
121	Antigen-Presenting Cell-Like Neutrophils Foster T Cell Response in Hyperlipidemic Patients and Atherosclerotic Mice. <i>Frontiers in Immunology</i> , 2022, 13, 851713.	4.8	6
122	A novel light-electricity sensing method for PCSK9 detection based on s-PdNFs with multifunctional property. <i>Biosensors and Bioelectronics</i> , 2019, 144, 111575.	10.1	5
123	Multi-purpose electrochemical biosensor based on a green-homobifunctional cross-linker coupled with PAMAM dendrimer grafted p-MWCNTs as a platform: application to detect α -2,3-sialylated glycans and α -2,6-sialylated glycans in human serum. <i>RSC Advances</i> , 2016, 6, 44865-44872.	3.6	4
124	A palladium-platinum bimetal nanodendritic melamine network for signal amplification in voltammetric sensing of DNA. <i>Mikrochimica Acta</i> , 2018, 185, 138.	5.0	4
125	Theranostics of atherosclerosis by the indole molecule-templated self-assembly of probucol nanoparticles. <i>Journal of Materials Chemistry B</i> , 2021, 9, 4134-4142.	5.8	4
126	The biological function of metazoan-specific subunit nuclear factor related to kappaB binding protein of INO80 complex. <i>International Journal of Biological Macromolecules</i> , 2022, 203, 176-183.	7.5	4

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127	Bimetallic Au@Ag nanocages extended TPP conjugate structure for self-enhancing therapy of tumors. <i>Journal of Nanostructure in Chemistry</i> , 2022, 12, 1105-1117.	9.1	3
128	Effects of Astragaloside IV on the Pharmacokinetics of Metoprolol in Rats and its Mechanism. <i>Current Drug Metabolism</i> , 2022, 23, 131-136.	1.2	3
129	Effect of Fushengong Decoction on PTEN/PI3K/AKT/NF- κ B Pathway in Rats With Chronic Renal Failure via Dual-Dimension Network Pharmacology Strategy. <i>Frontiers in Pharmacology</i> , 2022, 13, 807651.	3.5	3
130	Targeted intelligent mesoporous polydopamine nanosystems for multimodal synergistic tumor treatment. <i>Journal of Materials Chemistry B</i> , 2022, 10, 5644-5654.	5.8	3
131	A switched catalysis qualified sealers capped one-step synthesis biocompatibility bimetallic scaffold film for Neu5Ac(2-6)Gal β 2 MP Glycoside specific detection. <i>Biosensors and Bioelectronics</i> , 2016, 77, 853-859.	10.1	2
132	Tetramethylpyrazine Alleviates Endothelial Glycocalyx Degradation and Promotes Glycocalyx Restoration via TLR4/NF- κ B/HPSE1 Signaling Pathway During Inflammation. <i>Frontiers in Pharmacology</i> , 2021, 12, 791841.	3.5	2
133	iTRAQ-based quantitative proteomics analysis of the potential application of secretoneurin gene therapy for cardiac hypertrophy induced by DL-isoproterenol hydrochloride in mice. <i>International Journal of Molecular Medicine</i> , 2020, 45, 793-804.	4.0	1
134	VE-cadherin N-glycosylation modified by N-acetylglucosaminyltransferase V regulates VE-cadherin-catenin interaction and monocyte adhesion. <i>Experimental Physiology</i> , 2021, 106, 1869-1877. ^{2.0}		0