

Xiaojun Chen

List of Publications by Year in descending order

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34
papers

1,107
citations

430874

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395702

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34
docs citations

34
times ranked

1637
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile construction of an Ag/MoSe ₂ composite based non-enzymatic amperometric sensor for hydrogen peroxide. Dalton Transactions, 2022, 51, 5271-5277.	3.3	5
2	Ultrasensitive Detection of Ochratoxin A With a Zeolite Imidazolate Frameworks Composite-Based Electrochemical Aptasensor. Frontiers in Chemistry, 2022, 10, 858107.	3.6	8
3	A novel electrochemical immunosensor for hepatitis B surface antigen based on Fe ₃ O ₄ nanoflowers and heterogeneous chain reaction signal amplification strategy. Talanta, 2021, 221, 121459.	5.5	7
4	Efficient improvement in non-enzymatic glucose detection induced by the hollow prism-like NiCo ₂ S ₄ electrocatalyst. Dalton Transactions, 2021, 50, 15162-15169.	3.3	4
5	Enhanced non-enzymatic glucose sensing based on porous ZIF-67 hollow nanoprisms. New Journal of Chemistry, 2021, 45, 10031-10039.	2.8	20
6	A Novel Nonenzymatic Hydrogen Peroxide Sensor Based on Magnetic Core-Shell Fe ₃ O ₄ @C/Au Nanoparticle Nanocomposite. International Journal of Analytical Chemistry, 2021, 2021, 1-10.	1.0	4
7	Development of a novel label-free impedimetric electrochemical sensor based on hydrogel/chitosan for the detection of ochratoxin A. Talanta, 2021, 226, 122183.	5.5	47
8	An electrochemical aptasensor for the milk allergen β -lactoglobulin detection based on a target-induced nicking site reconstruction strategy. Analyst, The, 2021, 146, 6808-6814.	3.5	7
9	Self-template formation of porous Co ₃ O ₄ hollow nanoprisms for non-enzymatic glucose sensing in human serum. RSC Advances, 2020, 10, 38369-38377.	3.6	14
10	The electrochemical sensor for methanol detection based on trimetallic PtAuAg nanotubes. Journal of Materials Science, 2020, 55, 15681-15694.	3.7	14
11	Highly Sensitive Amperometric β -Ketoglutarate Biosensor Based on Reduced Graphene Oxide-Gold Nanocomposites. International Journal of Analytical Chemistry, 2020, 2020, 1-10.	1.0	4
12	Post-graphene 2D materials-based antimicrobial agents: focus on fabrication strategies and biosafety assessments. Journal of Materials Science, 2020, 55, 7226-7246.	3.7	31
13	Cu-based metal-organic framework HKUST-1 as effective catalyst for highly sensitive determination of ascorbic acid. RSC Advances, 2020, 10, 22881-22890.	3.6	44
14	Core-shell CdSeTe/ZnS quantum dots for the detection of microRNA-155 based on the fluorescence resonance energy transfer technique via the formation of a network structure. Analytical Methods, 2019, 11, 4137-4145.	2.7	8
15	Double determination of long noncoding RNAs from lung cancer via multi-amplified electrochemical genosensor at sub-femtomole level. Biosensors and Bioelectronics, 2018, 113, 116-123.	10.1	35
16	Label-free electrochemical immunoassay for neuron specific enolase based on 3D macroporous reduced graphene oxide/polyaniline film. Analytical Biochemistry, 2018, 540-541, 1-8.	2.4	20
17	Au nanoparticles-ZnO composite nanotubes using natural silk fibroin fiber as template for electrochemical non-enzymatic sensing of hydrogen peroxide. Analytical Biochemistry, 2018, 554, 1-8.	2.4	29
18	An electrochemical biosensor for the detection of Pb ²⁺ based on G-quadruplex DNA and gold nanoparticles. Analytical and Bioanalytical Chemistry, 2018, 410, 5879-5887.	3.7	24

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19	Aflatoxin B1 Electrochemical Aptasensor Based on Tetrahedral DNA Nanostructures Functionalized Three Dimensionally Ordered Macroporous MoS ₂ @AuNPs Film. ACS Applied Materials & Interfaces, 2018, 10, 17551-17559.	8.0	113
20	A flower-like NiO@SnO ₂ nanocomposite and its non-enzymatic catalysis of glucose. RSC Advances, 2017, 7, 45177-45184.	3.6	22
21	A Sensitive Biosensor for Determination of Cu ²⁺ by One-step Electrodeposition. Electroanalysis, 2016, 28, 1617-1624.	2.9	11
22	Target-triggered triple isothermal cascade amplification strategy for ultrasensitive microRNA-21 detection at sub-attomole level. Biosensors and Bioelectronics, 2016, 85, 891-896.	10.1	25
23	An electrochemical aptasensor electrocatalyst for detection of thrombin. Analytical Biochemistry, 2016, 500, 73-79.	2.4	10
24	Electrochemical aptasensor for mucin 1 based on dual signal amplification of poly(o-phenylenediamine) carrier and functionalized carbon nanotubes tracing tag. Biosensors and Bioelectronics, 2015, 64, 485-492.	10.1	70
25	Amperometric carbohydrate antigen 19-9 immunosensor based on three dimensional ordered macroporous magnetic Au film coupling direct electrochemistry of horseradish peroxidase. Analytica Chimica Acta, 2014, 815, 42-50.	5.4	29
26	Electrocatalytic activity of core/shell magnetic nanocomposite. Analytical Biochemistry, 2014, 463, 45-53.	2.4	5
27	Ultrasensitive enzyme-free electrochemical immunoassay for free thyroxine based on three dimensionally ordered macroporous chitosan@Au nanoparticles hybrid film. Biosensors and Bioelectronics, 2014, 59, 377-383.	10.1	28
28	Target-induced electronic switch for ultrasensitive detection of Pb ²⁺ based on three dimensionally ordered macroporous Au@Pd bimetallic electrode. Biosensors and Bioelectronics, 2014, 53, 90-98.	10.1	41
29	Facile synthesis of hierarchically aloe-like gold micro/nanostructures for ultrasensitive DNA recognition. Biosensors and Bioelectronics, 2013, 49, 184-191.	10.1	39
30	A novel bienzyme glucose biosensor based on three-layer Au@Fe ₃ O ₄ @SiO ₂ magnetic nanocomposite. Sensors and Actuators B: Chemical, 2011, 159, 220-228.	7.8	108
31	Electrochemical immunosensor based on colloidal carbon sphere array. Biosensors and Bioelectronics, 2010, 25, 1130-1136.	10.1	23
32	Room-temperature ionic liquid assisted fabrication of sensitive electrochemical immunosensor based on ordered macroporous gold film. Analyst, The, 2010, 135, 2629.	3.5	15
33	Preparation of the glucose sensor based on three-dimensional ordered macroporous gold film and room temperature ionic liquid. Science in China Series B: Chemistry, 2009, 52, 1999-2005.	0.8	7
34	Electrochemical Impedance Immunosensor Based on Three-Dimensionally Ordered Macroporous Gold Film. Analytical Chemistry, 2008, 80, 2133-2140.	6.5	236