

Xiuyun Wang

List of Publications by Year in descending order

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16
papers

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759233

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#	ARTICLE	IF	CITATIONS
1	New Insights of Charge Transfer at Metal/Semiconductor Interfaces for Hot-Electron Generation Studied by Surface-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 3571-3578.	4.6	4
2	An Electrochromic Ag-Decorated WO ₃ Film with Adjustable Defect States for Electrochemical Surface-Enhanced Raman Spectroscopy. <i>Nanomaterials</i> , 2022, 12, 1637.	4.1	2
3	Polydopamine with Tailorable Photoelectrochemical Activities for the Highly Sensitive Immunoassay of Tumor Markers. <i>Analytical Chemistry</i> , 2021, 93, 6763-6769.	6.5	32
4	Reasonable design of an MXene-based enzyme-free amperometric sensing interface for highly sensitive hydrogen peroxide detection. <i>Analytical Methods</i> , 2021, 13, 2512-2518.	2.7	13
5	A copper-based metal-organic framework/graphene nanocomposite for the sensitive and stable electrochemical detection of DNA bases. <i>Analyst, The</i> , 2020, 145, 1933-1942.	3.5	34
6	Oxygen defects engineered CdS/Bi ₂ O _{2.33} direct Z-Scheme heterojunction for highly sensitive photoelectrochemical assay of Hg ²⁺ . <i>Talanta</i> , 2020, 217, 121090.	5.5	23
7	Covalent Functionalization of Graphene Oxide with a Presynthesized Metal-Organic Framework Enables a Highly Stable Electrochemical Sensing. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 33238-33244.	8.0	31
8	Phosphonate-Substituted Ruthenium(II) Bipyridyl Derivative as a Photoelectrochemical Probe for Sensitive and Selective Detection of Mercury(II) in Biofluids. <i>Analytical Chemistry</i> , 2018, 90, 14423-14432.	6.5	24
9	Fluorescent trimethyl-substituted naphthyridine as a label-free signal reporter for one-step and highly sensitive fluorescent detection of DNA in serum samples. <i>Biosensors and Bioelectronics</i> , 2017, 87, 984-990.	10.1	11
10	Rational Design of Bioelectrochemically Multifunctional Film with Oxidase, Ferrocene, and Graphene Oxide for Development of in Vivo Electrochemical Biosensors. <i>Analytical Chemistry</i> , 2016, 88, 5885-5891.	6.5	26
11	An ATMND/SGI based label-free and fluorescence ratiometric aptasensor for rapid and highly sensitive detection of cocaine in biofluids. <i>Talanta</i> , 2016, 161, 437-442.	5.5	21
12	Using silver nanocluster/graphene nanocomposite to enhance photoelectrochemical activity of CdS:Mn/TiO ₂ for highly sensitive signal-on immunoassay. <i>Biosensors and Bioelectronics</i> , 2016, 80, 614-620.	10.1	44
13	Sensitive nitrite detection using a simple electrochemically aminated glassy carbon electrode. <i>Analytical Methods</i> , 2016, 8, 3445-3449.	2.7	12
14	Fabrication of highly catalytic silver nanoclusters/graphene oxide nanocomposite as nanotag for sensitive electrochemical immunoassay. <i>Analytica Chimica Acta</i> , 2016, 906, 80-88.	5.4	21
15	An electrochemically aminated glassy carbon electrode for simultaneous determination of hydroquinone and catechol. <i>Analyst, The</i> , 2016, 141, 1077-1082.	3.5	44
16	Electrochemically reduced graphene oxide and Nafion nanocomposite for ultralow potential detection of organophosphate pesticide. <i>Sensors and Actuators B: Chemical</i> , 2013, 177, 724-729.	7.8	105