

Xia Zhou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9617787/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Ultrasensitive and Simultaneous SERS Detection of Multiplex MicroRNA Using Fractal Gold Nanotags for Early Diagnosis and Prognosis of Hepatocellular Carcinoma. <i>Analytical Chemistry</i> , 2021, 93, 8799-8809.	6.5	67
2	Triple-Function Au@Ag-Stuffed Nanopancakes for SERS Detection, Discrimination, and Inactivation of Multiple Bacteria. <i>Analytical Chemistry</i> , 2022, 94, 5785-5796.	6.5	26
3	Click-Reaction-Triggered SERS Signals for Specific Detection of Monoamine Oxidase B Activity. <i>Analytical Chemistry</i> , 2020, 92, 15050-15058.	6.5	16
4	Multifunctional biosensor constructed by Ag-coating magnetic-assisted unique urchin core porous shell structure for dual SERS enhancement, enrichment, and quantitative detection of multi-components inflammatory markers. <i>Biosensors and Bioelectronics</i> , 2022, 210, 114257.	10.1	14
5	Sizes and ligands tuned gold nanocluster acting as a new type of monoamine oxidase B inhibitor. <i>Biosensors and Bioelectronics</i> , 2021, 189, 113377.	10.1	10
6	Real-time monitoring of aristolochic acid I reduction process using surface-enhanced Raman Spectroscopy with DFT simulation. <i>Biosensors and Bioelectronics</i> , 2021, 179, 113061.	10.1	8
7	Mechanisms of interaction between luteolin and the catalytic zinc ion in matrix metalloproteinases: a computational study. <i>Journal of Physical Organic Chemistry</i> , 2012, 25, 1306-1314.	1.9	5
8	Computational studies on structural modifications for the inhibition of matrix metalloproteinase activities by luteolin. <i>Canadian Journal of Chemistry</i> , 2013, 91, 1009-1017.	1.1	1
9	Crystal structure of 3,5-bis((E)-4-methoxy-2-(trifluoromethyl)benzylidene)-1-methylpiperidin-4-one, C ₂₄ H ₂₁ F ₆ NO ₃ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2021, .	0.3	0