

Lifang Fan

List of Publications by Year in descending order

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papers

727
citations

840776

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13
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13
docs citations

13
times ranked

812
citing authors

#	ARTICLE	IF	CITATIONS
1	A highly selective electrochemical impedance spectroscopy-based aptasensor for sensitive detection of acetamid. Biosensors and Bioelectronics, 2013, 43, 12-18.	10.1	190
2	A Femtomolar Level and Highly Selective 17 β -estradiol Photoelectrochemical Aptasensor Applied in Environmental Water Samples Analysis. Environmental Science & Technology, 2014, 48, 5754-5761.	10.0	116
3	Lipid Droplet-Specific Fluorescent Probe for <i>In Vivo</i> Visualization of Polarity in Fatty Liver, Inflammation, and Cancer Models. Analytical Chemistry, 2021, 93, 8019-8026.	6.5	105
4	Highly sensitive photoelectrochemical sensing of bisphenol A based on zinc phthalocyanine/TiO ₂ nanorod arrays. Talanta, 2018, 189, 16-23.	5.5	54
5	A simple and label-free aptasensor based on nickel hexacyanoferrate nanoparticles as signal probe for highly sensitive detection of 17 β -estradiol. Biosensors and Bioelectronics, 2015, 68, 303-309.	10.1	46
6	Design of a simple and novel photoelectrochemical aptasensor for detection of 3,3',4,4'-tetrachlorobiphenyl. Biosensors and Bioelectronics, 2019, 124-125, 8-14.	10.1	41
7	Visible-light-driven photoelectrochemical sensing platform based on BiOI nanoflowers/TiO ₂ nanotubes for detection of atrazine in environmental samples. Journal of Hazardous Materials, 2021, 409, 124894.	12.4	35
8	Label-free and highly selective electrochemical aptasensor for detection of PCBs based on nickel hexacyanoferrate nanoparticles/reduced graphene oxides hybrids. Biosensors and Bioelectronics, 2019, 145, 111728.	10.1	33
9	Design of a facile and label-free electrochemical aptasensor for detection of atrazine. Talanta, 2019, 201, 156-164.	5.5	31
10	Highly sensitive photoelectrochemical aptasensor based on MoS ₂ quantum dots/TiO ₂ nanotubes for detection of atrazine. Sensors and Actuators B: Chemical, 2021, 334, 129652.	7.8	26
11	Highly sensitive and selective photoelectrochemical aptasensing of di-2-ethylhexyl phthalate based on graphene quantum dots decorated TiO ₂ nanotube arrays. Journal of Hazardous Materials, 2022, 426, 128107.	12.4	25
12	A label-free electrochemical aptasensor for the detection of cancer antigen 125 based on nickel hexacyanoferrate nanocubes/polydopamine functionalized graphene. Journal of Electroanalytical Chemistry, 2022, 918, 116424.	3.8	13
13	A highly sensitive photoelectrochemical aptasensor based on BiVO ₄ nanoparticles-TiO ₂ nanotubes for detection of PCB72. Talanta, 2021, 233, 122551.	5.5	12