

# Shuxia Xu

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

658  
citations

430874

18  
h-index

580821

25  
g-index

27  
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27  
docs citations

27  
times ranked

943  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of DNA Biosensors Based on DNAzymes and Nucleases. <i>Critical Reviews in Analytical Chemistry</i> , 2023, 53, 161-176.	3.5	5
2	Eosin Y Covalently Modified on Graphene Oxide for Enhanced Photocatalytic Activity toward the Degradation of Antibiotic Cefaclor under Visible Light Irradiation. <i>ChemistrySelect</i> , 2021, 6, 1929-1936.	1.5	3
3	Tracking the dissolution behavior of zinc oxide nanoparticles in skimmed milk powder solutions. <i>Food Chemistry</i> , 2021, 365, 130520.	8.2	7
4	The synergy of adsorption and photosensitization of platinum-doped graphitic carbon nitride for improved removal of rhodamine B. <i>Environmental Science and Pollution Research</i> , 2021, , 1.	5.3	2
5	Graphene oxide as a cartridge enable on-line assembly of photosensitizer for $IO_2$ -based electrochemical aptasensing. <i>Mikrochimica Acta</i> , 2020, 187, 477.	5.0	3
6	Porous visible light-responsive $Fe^{3+}$ -doped carbon nitride for efficient degradation of sulfadiazine. <i>Environmental Science and Pollution Research</i> , 2020, 27, 27849-27858.	5.3	17
7	Simultaneously Broadened Visible Light Absorption and Boosted Intersystem Crossing in Platinum-Doped Graphite Carbon Nitride for Enhanced Photosensitization. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 20770-20777.	8.0	44
8	A facile electrochemical aptasensor for lysozyme detection based on target-induced turn-off of photosensitization. <i>Biosensors and Bioelectronics</i> , 2019, 126, 412-417.	10.1	26
9	G-quadruplex-assisted enzyme strand recycling for amplified label-free fluorescent detection of $UO_2^{2+}$ . <i>Chinese Chemical Letters</i> , 2019, 30, 58-62.	9.0	26
10	Magnetic solid-phase extraction based on $Fe_3O_4$ /graphene oxide nanoparticles for the determination of malachite green and crystal violet in environmental water samples by HPLC. <i>International Journal of Environmental Analytical Chemistry</i> , 2018, 98, 215-228.	3.3	36
11	Improving the Signal-to-Background Ratio during Catalytic Hairpin Assembly through Both-End-Blocked DNAzyme. <i>ACS Sensors</i> , 2018, 3, 1190-1195.	7.8	26
12	A Both-End Blocked Peroxidase-Mimicking DNAzyme for Low-Background Chemiluminescent Sensing of miRNA. <i>ACS Sensors</i> , 2017, 2, 810-816.	7.8	53
13	Synergy of adsorption and photosensitization of graphene oxide for improved removal of organic pollutants. <i>RSC Advances</i> , 2017, 7, 16204-16209.	3.6	19
14	Bienzyme-based visual and spectrophotometric aptamer assay for quantitation of nanomolar levels of mercury(II). <i>Mikrochimica Acta</i> , 2017, 184, 541-546.	5.0	12
15	Photocatalytic electrosensor for label-free and ultrasensitive detection of BRCA1 gene. <i>Biosensors and Bioelectronics</i> , 2016, 85, 957-963.	10.1	29
16	In Situ Generation and Consumption of $H_2O_2$ by Bienzyme-Quantum Dots Bioconjugates for Improved Chemiluminescence Resonance Energy Transfer. <i>Analytical Chemistry</i> , 2016, 88, 6418-6424.	6.5	55
17	A chemiluminescence resonance energy transfer system composed of cobalt(II), luminol, hydrogen peroxide and CdTe quantum dots for highly sensitive determination of hydroquinone. <i>Mikrochimica Acta</i> , 2016, 183, 667-673.	5.0	31
18	A third-generation biosensor for hydrogen peroxide based on the immobilization of horseradish peroxidase on a disposable carbon nanotubes modified screen-printed electrode. <i>Mikrochimica Acta</i> , 2015, 182, 1241-1246.	5.0	22

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19	Photocatalytic oxidation of TMB with the double stranded DNA-SYBR Green I complex for label-free and universal colorimetric bioassay. <i>Chemical Communications</i> , 2015, 51, 14465-14468.	4.1	50
20	Salt-Assisted Graphene Oxide Dispersive Solid Phase Microextraction for Sensitive Detection of Malachite Green and Crystal Violet by HPLC. <i>Chromatographia</i> , 2015, 78, 979-985.	1.3	23
21	Mediatorless amperometric bienzyme glucose biosensor based on horseradish peroxidase and glucose oxidase cross-linked to multiwall carbon nanotubes. <i>Mikrochimica Acta</i> , 2014, 181, 535-541.	5.0	30
22	A highly sensitive LED-induced chemiluminescence platform for aptasensing of platelet-derived growth factor. <i>Analyst, The</i> , 2014, 139, 133-137.	3.5	23
23	Reusable light-emitting-diode induced chemiluminescence aptasensor for highly sensitive and selective detection of riboflavin. <i>Biosensors and Bioelectronics</i> , 2013, 43, 160-164.	10.1	25
24	Microwave-assisted preparation of monolithic molecularly imprinted polymeric fibers for solid phase microextraction. <i>Analyst, The</i> , 2013, 138, 2982.	3.5	35
25	A third-generation hydrogen peroxide biosensor based on horseradish peroxidase cross-linked to multi-wall carbon nanotubes. <i>Mikrochimica Acta</i> , 2011, 172, 199-205.	5.0	28
26	Simultaneous Determination of Benzoic Acid and Sorbic Acid in Food Products by CE after On-line Preconcentration by Dynamic pH Junction. <i>Chromatographia</i> , 2011, 73, 1217-1221.	1.3	28