

# Shuxia Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4423949/publications.pdf>

Version: 2024-02-01

26  
papers

658  
citations

430874

18  
h-index

580821

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

943  
citing authors

#	ARTICLE	IF	CITATIONS
1	In Situ Generation and Consumption of H <sub>2</sub> O <sub>2</sub> by Bienzymeâ€“Quantum Dots Bioconjugates for Improved Chemiluminescence Resonance Energy Transfer. <i>Analytical Chemistry</i> , 2016, 88, 6418-6424.	6.5	55
2	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
3	Photocatalytic oxidation of TMB with the double stranded DNAâ€“SYBR Green I complex for label-free and universal colorimetric bioassay. <i>Chemical Communications</i> , 2015, 51, 14465-14468.	4.1	50
4	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
5	Magnetic solid-phase extraction based on Fe <sub>3</sub> O <sub>4</sub> /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
6	Microwave-assisted preparation of monolithic molecularly imprinted polymeric fibers for solid phase microextraction. <i>Analyst, The</i> , 2013, 138, 2982.	3.5	35
7	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
8	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
9	Photocatalytic electrosensor for label-free and ultrasensitive detection of BRCA1 gene. <i>Biosensors and Bioelectronics</i> , 2016, 85, 957-963.	10.1	29
10	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
11	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
12	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
13	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
14	G-quadruplex-assisted enzyme strand recycling for amplified label-free fluorescent detection of UO <sub>2</sub> <sup>2+</sup> . <i>Chinese Chemical Letters</i> , 2019, 30, 58-62.	9.0	26
15	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
16	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
17	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
18	A third-generation biosensor for hydrogen peroxide based on the immobilization of horseradish peroxidase on a disposable carbon nanotubes modified screenâ€“printed electrode. <i>Mikrochimica Acta</i> , 2015, 182, 1241-1246.	5.0	22

#	ARTICLE	IF	CITATIONS
19	Synergy of adsorption and photosensitization of graphene oxide for improved removal of organic pollutants. RSC Advances, 2017, 7, 16204-16209.	3.6	19
20	Porous visible light-responsive Fe <sup>3+</sup> -doped carbon nitride for efficient degradation of sulfadiazine. Environmental Science and Pollution Research, 2020, 27, 27849-27858.	5.3	17
21	Bienzyme-based visual and spectrophotometric aptamer assay for quantitation of nanomolar levels of mercury(II). Mikrochimica Acta, 2017, 184, 541-546.	5.0	12
22	Tracking the dissolution behavior of zinc oxide nanoparticles in skimmed milk powder solutions. Food Chemistry, 2021, 365, 130520.	8.2	7
23	Development of DNA Biosensors Based on DNazymes and Nucleases. Critical Reviews in Analytical Chemistry, 2023, 53, 161-176.	3.5	5
24	Graphene oxide as a cartridge enable on-line assembly of photosensitizer for IO <sub>2</sub> -based electrochemical aptasensing. Mikrochimica Acta, 2020, 187, 477.	5.0	3
25	Eosin Y Covalently Modified on Graphene Oxide for Enhanced Photocatalytic Activity toward the Degradation of Antibiotic Cefaclor under Visible Light Irradiation. ChemistrySelect, 2021, 6, 1929-1936.	1.5	3
26	The synergy of adsorption and photosensitization of platinum-doped graphitic carbon nitride for improved removal of rhodamine B. Environmental Science and Pollution Research, 2021, , 1.	5.3	2