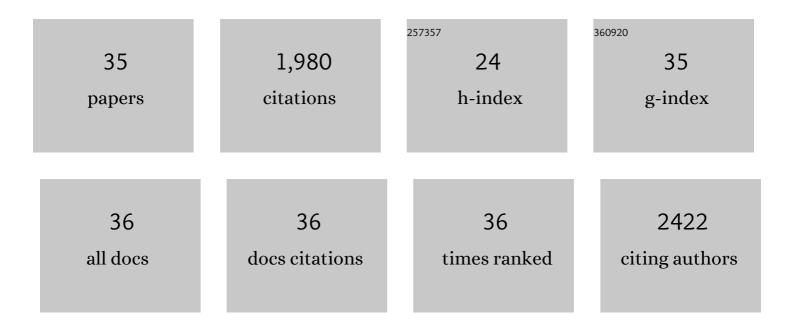
## Xiaojiao Du

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5092733/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	One-pot synthesis of ZnO quantum dots/N-doped Ti3C2 MXene: Tunable nitrogen-doping properties and efficient electrochemiluminescence sensing. Chemical Engineering Journal, 2022, 430, 132771.	6.6	42
2	Ultrasensitive near-infrared aptasensor for enrofloxacin detection based on wavelength tunable AgBr nanocrystals electrochemiluminescence emission triggered by O-terminated Ti3C2 MXene. Biosensors and Bioelectronics, 2022, 200, 113917.	5.3	30
3	Wavelength-regulated switchable photoelectrochemical system for concurrent detection of dual antibiotics. Biosensors and Bioelectronics, 2022, 202, 113999.	5.3	11
4	Self-powered photoelectrochemical sensor for chlorpyrifos detection in fruit and vegetables based on metal–ligand charge transfer effect by Ti3C2 based Schottky junction. Food Chemistry, 2022, 385, 132731.	4.2	20
5	Self-accelerated electrochemiluminescence luminophor of Ag3PO4-Ti3C2 for trace lincomycin aptasensing. Microchemical Journal, 2022, 179, 107578.	2.3	8
6	Visible light-driven self-powered aptasensors for ultrasensitive Microcystin-LR detection based on the carrier density effect of N-doped graphene hydrogel/hematite Schottky junctions. Analyst, The, 2021, 146, 6220-6227.	1.7	7
7	Non-noble metal plasmonic enhanced photoelectrochemical sensing of chlorpyrifos based on 1D TiO2-x/3D nitrogen-doped graphene hydrogel heterostructure. Analytical and Bioanalytical Chemistry, 2021, 413, 5373-5382.	1.9	5
8	Visible-light triggered self-breathing-like dual-photoelectrode internal-driven self-powered sensor: Metal–ligand charge transfer (MLCT) induced signal-off strategy for the microcystin-LR assay. Biosensors and Bioelectronics, 2020, 165, 112414.	5.3	17
9	Ingenious Dual-Photoelectrode Internal-Driven Self-Powered Sensing Platform for the Power Generation and Simultaneous Microcystin Monitoring Based on the Membrane/Mediator-Free Photofuel Cell. Analytical Chemistry, 2019, 91, 1728-1732.	3.2	42
10	MoS2/nitrogen doped graphene hydrogels p-n heterojunction: Efficient charge transfer property for highly sensitive and selective photoelectrochemical analysis of chloramphenicol. Biosensors and Bioelectronics, 2019, 126, 463-469.	5.3	64
11	Facile one-pot synthesis of visible light-responsive BiPO4/nitrogen doped graphene hydrogel for fabricating label-free photoelectrochemical tetracycline aptasensor. Biosensors and Bioelectronics, 2018, 111, 131-137.	5.3	87
12	Oxygen Vacancy Engineering in Europia Clusters/Graphite-Like Carbon Nitride Nanostructures Induced Signal Amplification for Highly Efficient Electrochemiluminesce Aptasensing. Analytical Chemistry, 2018, 90, 3615-3620.	3.2	54
13	An intriguing signal-off responsive photoelectrochemical aptasensor for ultrasensitive detection of microcystin-LR and its mechanism study. Sensors and Actuators B: Chemical, 2018, 259, 316-324.	4.0	33
14	TiO2 nanoparticles embedded in borocarbonitrides nanosheets for sensitive and selective photoelectrochemical aptasensing of bisphenol A. Journal of Electroanalytical Chemistry, 2018, 818, 191-197.	1.9	20
15	CeO2 nanocrystallines ensemble-on-nitrogen-doped graphene nanocomposites: one-pot, rapid synthesis and excellent electrocatalytic activity for enzymatic biosensing. Biosensors and Bioelectronics, 2017, 89, 681-688.	5.3	42
16	Gold nanrods plasmon-enhanced photoelectrochemical aptasensing based on hematite/N-doped graphene films for ultrasensitive analysis of 17β-estradiol. Biosensors and Bioelectronics, 2017, 91, 706-713.	5.3	82
17	New Insights toward Efficient Charge-Separation Mechanism for High-Performance Photoelectrochemical Aptasensing: Enhanced Charge-Carrier Lifetime via Coupling Ultrathin MoS <sub>2</sub> Nanoplates with Nitrogen-Doped Graphene Quantum Dots. Analytical Chemistry, 2017. 89. 4525-4531.	3.2	85
18	2017, 07, 4929-4951. Ultrafine α-Fe2O3 nanocrystals anchored on N-doped graphene: a nanomaterial with long hole diffusion length and efficient visible light-excited charge separation for use in photoelectrochemical sensing. Mikrochimica Acta, 2017, 184, 137-145.	2.5	14

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	35	Enhanced non-enzymatic glucose sensing based on copper nanoparticles decorated nitrogen-doped graphene. Biosensors and Bioelectronics, 2014, 54, 273-278.	5.3	215