Yi-Tong Xu

List of Publications by Year
in descending order

20	632	623734 14	752698 20
papers	citations	h-index	g-index

20	20	20	418
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cathodic photoelectrochemical bioanalysis. TrAC - Trends in Analytical Chemistry, 2019, 114, 81-88.	11.4	108
2	Photoelectrochemical-Chemical-Chemical Redox Cycling for Advanced Signal Amplification: Proof-of-Concept Toward Ultrasensitive Photoelectrochemical Bioanalysis. Analytical Chemistry, 2018, 90, 12347-12351.	6.5	69
3	An Integrated Photoelectrochemical Nanotool for Intracellular Drug Delivery and Evaluation of Treatment Effect. Angewandte Chemie - International Edition, 2021, 60, 25762-25765.	13.8	64
4	Liposome-Mediated in Situ Formation of AgI/Ag/BiOI Z-Scheme Heterojunction on Foamed Nickel Electrode: A Proof-of-Concept Study for Cathodic Liposomal Photoelectrochemical Bioanalysis. Analytical Chemistry, 2019, 91, 3800-3804.	6.5	56
5	Three-Dimensional TiO₂@Cu₂O@Nickel Foam Electrodes: Design, Characterization, and Validation of O₂-Independent Photocathodic Enzymatic Bioanalysis. ACS Applied Materials & Interfaces, 2019, 11, 25702-25707.	8.0	43
6	Nanoporous Semiconductor Electrode Captures the Quantum Dots: Toward Ultrasensitive Signal-On Liposomal Photoelectrochemical Immunoassay. Analytical Chemistry, 2019, 91, 3795-3799.	6.5	36
7	Ru(NH₃)₆³⁺/Ru(NH₃)₆²⁺-Mediated Redox Cycling: Toward Enhanced Triple Signal Amplification for Photoelectrochemical Immunoassay. Analytical Chemistry, 2019, 91, 3768-3772.	6.5	34
8	Target-Triggered Assembly in a Nanopipette for Electrochemical Single-Cell Analysis. Analytical Chemistry, 2021, 93, 1200-1208.	6.5	31
9	Three-Dimensional CdS@Carbon Fiber Networks: Innovative Synthesis and Application as a General Platform for Photoelectrochemical Bioanalysis. Analytical Chemistry, 2019, 91, 6419-6423.	6.5	29
10	Binding-induced formation of DNAzyme on an Au@Ag nanoparticles/TiO2 nanorods electrode: Stimulating biocatalytic precipitation amplification for plasmonic photoelectrochemical bioanalysis. Biosensors and Bioelectronics, 2019, 134, 103-108.	10.1	28
11	Gold Nanoparticle-Induced Photocurrent Quenching and Recovery of Polymer Dots: Toward Signal-On Energy-Transfer-Based Photocathodic Bioanalysis of Telomerase Activity in Cell Extracts. Analytical Chemistry, 2019, 91, 6403-6407.	6.5	25
12	A Practical Electrochemical Nanotool for Facile Quantification of Amino Acids in Single Cell. Small, 2021, 17, e2100503.	10.0	25
13	Bipolar Modulation of the Ionic Circuit for Generic Organic Photoelectrochemical Transistor Logic and Sensor. Advanced Optical Materials, 2022, 10, .	7.3	20
14	Organic photoelectrochemical transistor detection of tear lysozyme. Sensors & Diagnostics, 2022, 1, 294-300.	3.8	16
15	Self-Assembled Peptide Nanostructures for Photoelectrochemical Bioanalysis Application: A Proof-of-Concept Study. Analytical Chemistry, 2019, 91, 12606-12610.	6.5	15
16	An Integrated Photoelectrochemical Nanotool for Intracellular Drug Delivery and Evaluation of Treatment Effect. Angewandte Chemie, 2021, 133, 25966-25969.	2.0	8
17	Functional nucleic acid engineered doubleâ€barreled nanopores for measuring sodium to potassium ratio at singleâ€cell level. Exploration, 2022, 2, .	11.0	7
18	A High Spatiotemporal Iontronic Single-Cell Viscometer. Research, 2022, 2022, .	5.7	7

#	Article	IF	Citations
19	Lightâ€Fueled Organic Photoelectrochemical Transistor for Probing Membrane Protein in an Hâ€Cell. Advanced Materials Interfaces, 2022, 9, .	3.7	6
20	Photoelectrochemical Cytosensors. Electroanalysis, 2022, 34, 947-955.	2.9	5