Yi-Tong Xu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4604438/publications.pdf

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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	Photoelectrochemical Cytosensors. Electroanalysis, 2022, 34, 947-955.	2.9	5
2	Organic photoelectrochemical transistor detection of tear lysozyme. Sensors & Diagnostics, 2022, 1, 294-300.	3.8	16
3	Bipolar Modulation of the Ionic Circuit for Generic Organic Photoelectrochemical Transistor Logic and Sensor. Advanced Optical Materials, 2022, 10, .	7.3	20
4	Lightâ€Fueled Organic Photoelectrochemical Transistor for Probing Membrane Protein in an Hâ€Cell. Advanced Materials Interfaces, 2022, 9, .	3.7	6
5	Functional nucleic acid engineered doubleâ€barreled nanopores for measuring sodium to potassium ratio at singleâ€cell level. Exploration, 2022, 2, .	11.0	7
6	A High Spatiotemporal Iontronic Single-Cell Viscometer. Research, 2022, 2022, .	5.7	7
7	Target-Triggered Assembly in a Nanopipette for Electrochemical Single-Cell Analysis. Analytical Chemistry, 2021, 93, 1200-1208.	6.5	31
8	A Practical Electrochemical Nanotool for Facile Quantification of Amino Acids in Single Cell. Small, 2021, 17, e2100503.	10.0	25
9	An Integrated Photoelectrochemical Nanotool for Intracellular Drug Delivery and Evaluation of Treatment Effect. Angewandte Chemie - International Edition, 2021, 60, 25762-25765.	13.8	64
10	An Integrated Photoelectrochemical Nanotool for Intracellular Drug Delivery and Evaluation of Treatment Effect. Angewandte Chemie, 2021, 133, 25966-25969.	2.0	8
11	Self-Assembled Peptide Nanostructures for Photoelectrochemical Bioanalysis Application: A Proof-of-Concept Study. Analytical Chemistry, 2019, 91, 12606-12610.	6.5	15
12	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
13	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
14	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
15	Cathodic photoelectrochemical bioanalysis. TrAC - Trends in Analytical Chemistry, 2019, 114, 81-88.	11.4	108
16	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
17	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
18	Nanoporous Semiconductor Electrode Captures the Quantum Dots: Toward Ultrasensitive Signal-On Liposomal Photoelectrochemical Immunoassay. Analytical Chemistry, 2019, 91, 3795-3799.	6.5	36

#	Article	IF	Citations
19	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
20	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