Wei Zhang

List of Publications by Year
in descending order

14	436	933447 10	1058476 14
papers	citations	h-index	g-index

14	14	14	590
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single-Molecule Conductance of Viologenâ€“Cucurbit[8]uril Hostâ€“Guest Complexes. ACS Nano, 2016, 10, 5212-5220.	14.6	82
2	Perylenetetracarboxylic acid and carbon quantum dots assembled synergistic electrochemiluminescence nanomaterial for ultra-sensitive carcinoembryonic antigen detection. Biosensors and Bioelectronics, 2018, 103, 6-11.	10.1	64
3	Perylene Diimide and Luminol as Potential-Resolved Electrochemiluminescence Nanoprobes for Dual Targets Immunoassay at Low Potential. ACS Applied Materials & Interfaces, 2019, 11, 33676-33683.	8.0	54
4	A dual-potential electrochemiluminescence sensor for ratiometric detection of carcinoembryonic antigen based on single luminophor. Sensors and Actuators B: Chemical, 2020, 325, 128776.	7.8	41
5	Recent advances in electrochemiluminescence immunoassay based on multiple-signal strategy. Current Opinion in Electrochemistry, 2021, 28, 100725.	4.8	41
6	An ultrasensitive luminol cathodic electrochemiluminescence probe with highly porous Pt on ionic liquid functionalized graphene film as platform for carcinoembryonic antigen sensing. Biosensors and Bioelectronics, 2019, 141, 111436.	10.1	36
7	Perylene diimide as a cathodic electrochemiluminescence luminophore for immunoassays at low potentials. Nanoscale, 2019, 11, 20910-20916.	5.6	31
8	Perylene derivative-bridged Auâ€“graphene nanohybrid for label-free HpDNA biosensor. Journal of Materials Chemistry B, 2014, 2, 3142-3148.	5.8	27
9	A perylenetetracarboxylic dianhydride and aniline-assembled supramolecular nanomaterial with multi-color electrochemiluminescence for a highly sensitive label-free immunoassay. Journal of Materials Chemistry B, 2020, 8, 3676-3682.	5.8	17
10	Ultrasensitive electrochemiluminescence aptasensor for 8-hydroxy-2â€²-deoxyguanosine detection based on target-induced multi-DNA release and nicking enzyme amplification strategy. Biosensors and Bioelectronics, 2019, 144, 111669.	10.1	15
11	Lowly-aggregated perylene diimide as a near-infrared electrochemiluminescence luminophore for ultrasensitive immunosensors at low potentials. Analyst, The, 2021, 146, 3679-3685.	3.5	10
12	Perylene Dianhydride and Perylene Diimide Luminophores Integrated with Gold Nanoparticles for Dual-Potential Electrochemiluminescence Ratiometric Immunosensors. ACS Applied Nano Materials, 2021, 4, 683-690.	5.0	8
13	A signal-amplification electrochemiluminescence sensor based on layer-by-layer assembly of perylene diimide derivatives for dopamine detection at low potential. Analytica Chimica Acta, 2022, 1214, 339963.	5.4	8
14	Graphene oxide/peryleneâ€“aniline electrochemiluminescence platform for protein detection based on molecule recognition. Analytical Methods, 2021, 13, 5293-5298.	2.7	2