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	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
2	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
3	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
4	Recent advances in electrochemiluminescence immunoassay based on multiple-signal strategy. Current Opinion in Electrochemistry, 2021, 28, 100725.	4.8	41
5	Graphene oxide/peryleneâ€“aniline electrochemiluminescence platform for protein detection based on molecule recognition. Analytical Methods, 2021, 13, 5293-5298.	2.7	2
6	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
7	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
8	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
9	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
10	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
11	Perylene diimide as a cathodic electrochemiluminescence luminophore for immunoassays at low potentials. Nanoscale, 2019, 11, 20910-20916.	5.6	31
12	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
13	Single-Molecule Conductance of Viologenâ€“Cucurbit[8]uril Hostâ€“Guest Complexes. ACS Nano, 2016, 10, 5212-5220.	14.6	82
14	Perylene derivative-bridged Auâ€“graphene nanohybrid for label-free HpDNA biosensor. Journal of Materials Chemistry B, 2014, 2, 3142-3148.	5.8	27