Peng Yu

List of Publications by Year
in descending order

20 papers	563 citations	840776 11 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	803 citing authors

#	Article	IF	Citations
1	The Influence of Cysteine on the Performances of Gelatin Film. IOP Conference Series: Earth and Environmental Science, 2021, 697, 012011.	0.3	1
2	Fluorometric determination of the breast cancer 1 gene based on the target-induced conformational change of a DNA template for copper nanoclusters. Analytical Methods, 2021, 13, 712-718.	2.7	2
3	Nano-fluorescent probes based on DNA-templated copper nanoclusters for fast sensing of thiocyanate. New Journal of Chemistry, 2020, 44, 17296-17301.	2.8	5
4	3D Microfluidic Devices in a Single Piece of Paper for the Simultaneous Determination of Nitrite and Thiocyanate. Sensors, 2020, 20, 4118.	3.8	12
5	Influences of four kinds of calcium salts on the functional performances of gelatin composite films. Journal of Physics: Conference Series, 2020, 1605, 012183.	0.4	0
6	New Single-Layered Paper-Based Microfluidic Devices for the Analysis of Nitrite and Glucose Built via Deposition of Adhesive Tape. Sensors, 2019, 19, 4082.	3.8	11
7	A paper-based colorimetric microfluidic sensor fabricated by a novel spray painting prototyping process for iron analysis. Canadian Journal of Chemistry, 2019, 97, 373-377.	1.1	8
8	A colorimetric microfluidic sensor made by a simple instrumental-free prototyping process for sensitive quantitation of copper. Chemical Papers, 2019, 73, 1509-1517.	2.2	11
9	Effect of chloride salt type on the physicochemical, mechanical and morphological properties of fish gelatin film. Materials Research Express, 2019, 6, 126414.	1.6	4
10	A novel laminated polycaprolactone/paper/silver electrode for lead(<scp>ii</scp>) detection. Analytical Methods, 2017, 9, 1702-1706.	2.7	7
11	A label-free and cascaded dual-signaling amplified electrochemical aptasensing platform for sensitive prion assay. Biosensors and Bioelectronics, 2016, 85, 471-478.	10.1	24
12	A novel electrochemical aptasensor for bisphenol A assay based on triple-signaling strategy. Biosensors and Bioelectronics, 2016, 79, 22-28.	10.1	72
13	An electrochemical biosensor for sensitive detection of Hg²⁺ based on exonuclease III-assisted target recycling and hybridization chain reaction amplification strategies. Analytical Methods, 2016, 8, 2106-2111.	2.7	21
14	Smart protein biogate as a mediator to regulate competitive host-guest interaction for sensitive ratiometric electrochemical assay of prion. Scientific Reports, 2015, 5, 16015.	3.3	30
15	A label-free electrochemical strategy for highly sensitive methyltransferase activity assays. Chemical Communications, 2015, 51, 5081-5084.	4.1	23
16	Ultrasensitive Electrochemical Detection of Nucleic Acids Based on the Dual-Signaling Electrochemical Ratiometric Method and Exonuclease III-Assisted Target Recycling Amplification Strategy. Analytical Chemistry, 2015, 87, 7291-7296.	6.5	143
17	A ratiometric electrochemical biosensor for sensitive detection of Hg 2+ based on thymineâ€“Hg 2+ â€“thymine structure. Analytica Chimica Acta, 2015, 853, 242-248.	5.4	111
18	A ratiometric electrochemical aptasensor for sensitive detection of protein based on aptamerâ€“targetâ€–aptamer sandwich structure. Journal of Electroanalytical Chemistry, 2014, 732, 61-65.	3.8	32

#	Article	IF	Citations
19	A simple label-free electrochemical aptasensor for dopamine detection. RSC Advances, 2014, 4, 52250-52255.	3.6	45
20	Single-Layered Paper-Based Microfluidic Devices Made by Paint-Spraying Technique with Great Barrier Resistance for Colorimetric Assays. Journal of the Brazilian Chemical Society, 0, , .	0.6	1