

Xiaojun Lyu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9575615/publications.pdf>

Version: 2024-02-01

18
papers

227
citations

840119

11
h-index

996533

15
g-index

20
all docs

20
docs citations

20
times ranked

102
citing authors

#	ARTICLE	IF	CITATIONS
1	A minimized fluorescent chemosensor array utilizing carboxylate-attached polythiophenes on a chip for metal ions detection. <i>Frontiers of Chemical Science and Engineering</i> , 2022, 16, 72-80.	2.3	13
2	Supramolecular optical sensor arrays for on-site analytical devices. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2022, 51, 100475.	5.6	17
3	Multi-Oxanyon Detection by an Organic Field-Effect Transistor with Pattern Recognition Techniques and Its Application to Quantitative Phosphate Sensing in Human Blood Serum. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 22903-22911.	4.0	17
4	Freshness monitoring of raw fish by detecting biogenic amines using a gold nanoparticle-based colorimetric sensor array. <i>RSC Advances</i> , 2022, 12, 6803-6810.	1.7	16
5	Oxytocin detection at ppt level in human saliva by an extended-gate-type organic field-effect transistor. <i>Analyst</i> , 2022, 147, 1055-1059.	1.7	15
6	Printed 384-Well Microtiter Plate on Paper for Fluorescent Chemosensor Arrays in Food Analysis. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	7
7	Easy-to-Prepare Mini-Chemosensor Array for Simultaneous Detection of Cysteine and Glutathione Derivatives. <i>ACS Applied Bio Materials</i> , 2021, 4, 2113-2119.	2.3	14
8	96-Well Microtiter Plate Made of Paper: A Printed Chemosensor Array for Quantitative Detection of Saccharides. <i>Analytical Chemistry</i> , 2021, 93, 1179-1184.	3.2	40
9	Detection of polyamines by an extended gate-type organic transistor functionalized with a carboxylate attached 1,3,4-thiadiazole derivative. <i>Journal of Materials Chemistry C</i> , 2021, 9, 11690-11697.	2.7	8
10	Suppression of Malachite Green-Induced Toxicity to Human Liver Cells Utilizing Host-Guest Chemistry of Cucurbit[7]uril. <i>Analytical Sciences</i> , 2021, 37, 525-528.	0.8	0
11	A Printed Paper-Based Anion Sensor Array for Multi-Analyte Classification: On-Site Quantification of Glyphosate. <i>ChemPlusChem</i> , 2021, 86, 798-802.	1.3	15
12	Indicator Displacement Assay-based Chemosensor Arrays for Saccharides using Off-the-shelf Materials toward Simultaneous On-site Detection on Paper. <i>Chemistry Letters</i> , 2021, 50, 987-995.	0.7	5
13	Toward Food Freshness Monitoring: Coordination Binding-Based Colorimetric Sensor Array for Sulfur-Containing Amino Acids. <i>Frontiers in Chemistry</i> , 2021, 9, 685783.	1.8	11
14	A polythiophene-based chemosensor array for Japanese rice wine (sake) tasting. <i>Polymer Journal</i> , 2021, 53, 1287-1291.	1.3	6
15	Polythiophene-Based Chemical Sensors: Toward On-Site Supramolecular Analytical Devices. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 2613-2622.	2.0	15
16	On-site Chemosensor Arrays for Qualitative and Quantitative Detection with Imaging Analysis. <i>Bunseki Kagaku</i> , 2021, 70, 691-702.	0.1	0
17	Fluorescence Anion Chemosensor Array Based on Pyrenylboronic Acid. <i>Frontiers in Chemistry</i> , 2020, 8, 414.	1.8	12
18	Supramolecular Sensor for Astringent Procyanidin C1: Fluorescent Artificial Tongue for Wine Components. <i>Chemistry - A European Journal</i> , 2020, 26, 16236-16240.	1.7	16