Liyakat Hamid Mujawar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6675121/publications.pdf

Version: 2024-02-01

23 papers	843 citations	758635 12 h-index	642321 23 g-index
23 all docs	23 docs citations	23 times ranked	1175 citing authors

#	Article	IF	Citations
1	Bacteria and fungi can contribute to nutrients bioavailability and aggregate formation in degraded soils. Microbiological Research, 2016, 183, 26-41.	2.5	534
2	Rapid mastitis detection assay on porous nitrocellulose membrane slides. Analytical and Bioanalytical Chemistry, 2013, 405, 7469-7476.	1.9	31
3	Hexamethyldisilazane Modified Paper as an Ultra-sensitive Platform for Visual Detection of Hg2+, Co2+, Zn2+ and the Application to Semi-quantitative Determination of Hg2+ in Wastewater. Analytical Sciences, 2016, 32, 491-497.	0.8	29
4	One-step synthesis of silver nanoparticles using Phoenix dactylifera leaves extract and their enhanced bactericidal activity. Journal of Molecular Liquids, 2016, 223, 1114-1122.	2.3	26
5	Spot morphology of non-contact printed protein molecules on non-porous substrates with a range of hydrophobicities. Analyst, The, 2013, 138, 518-524.	1.7	21
6	Potent bactericidal activity of silver nanoparticles synthesized fromÂ Cassia fistula fruit. Microbial Pathogenesis, 2017, 107, 354-360.	1.3	18
7	Hand drawn paper-based optical assay plate for rapid and trace level determination of Ag+ in water. Sensors and Actuators B: Chemical, 2018, 258, 321-330.	4.0	18
8	Deposition of Thin Lipid Films Prepared by Electrospraying. Food and Bioprocess Technology, 2013, 6, 3047-3055.	2.6	16
9	Styrofoam modified paper as a low-cost platform for qualitative and semi-quantitative determination of Ni²⁺ ions in wastewater. Analytical Methods, 2016, 8, 1496-1504.	1.3	16
10	Influence of buffer composition on the distribution of inkjet printed protein molecules and the resulting spot morphology. Talanta, 2012, 98, 1-6.	2.9	14
11	Influence of the relative humidity on the morphology of inkjet printed spots of IgG on a non-porous substrate. RSC Advances, 2014, 4, 19380-19388.	1.7	14
12	A Highly Structured 1,10-Phenanthroline Arrayed Hydrophobic Sulfone Membrane Platform for the Rapid Determination and Speciation of Fe2+/Fe3+ Ions in Water. Analytical Sciences, 2017, 33, 511-515.	0.8	14
13	Distribution of Biomolecules in Porous Nitrocellulose Membrane Pads Using Confocal Laser Scanning Microscopy and High-Speed Cameras. Analytical Chemistry, 2013, 85, 3723-3729.	3.2	13
14	Influence of Pluronic F127 on the distribution and functionality of inkjet-printed biomolecules in porous nitrocellulose substrates. Talanta, 2015, 131, 541-547.	2.9	12
15	Polyethersulfone membrane printed with 1-(2-pyridylazo)-2-naphthol (PAN) sensor for sensitive enrichment and rapid determination of Zn²⁺in water. RSC Advances, 2016, 6, 73731-73740.	1.7	12
16	Rapid and sensitive microassay for trace determination and speciation of Cu2+ on commercial book-paper printed with nanolitre arrays of novel chromogenic reagent. Microchemical Journal, 2019, 146, 434-443.	2.3	10
17	Rapid and sensitive determination of Pb2+ in water using chromogenic reagent patterned on nail polish modified filter paper. Microchemical Journal, 2020, 153, 104448.	2.3	10
18	Effect of surface wettability on microfluidic EDGE emulsification. Journal of Colloid and Interface Science, 2013, 403, 157-159.	5.0	9

#	ARTICLE	IF	CITATIONS
19	A miniaturized assay for sensitive determination of Cu 2+ ions on nanolitre arrayed 4-(2-pyridylazo)resorcinol (PAR) spots on polyethersulfone membrane platform. Journal of Molecular Liquids, 2017, 229, 574-582.	2.3	9
20	Poly(methyl methacrylate)-modified cellulose fibers patterned with highly selective chromogenic reagent for rapid and trace determination of Co²⁺ in water. Analytical Methods, 2018, 10, 4454-4462.	1.3	8
21	A versatile optical assay plate fabricated from e-waste and its application towards rapid determination of Fe³⁺ ions in water. New Journal of Chemistry, 2017, 41, 9731-9740.	1.4	5
22	Dual wave Î²-correction spectrophotometry for trace determination and chemical speciation of As(III)/As(V) in water. Microchemical Journal, 2021, 162, 105856.	2.3	3
23	In-situ droplet assay on wax-modified paper for rapid and trace determination of Fe3+ in water. Microchemical Journal, 2021, 170, 106723.	2.3	1