

Monpichar Srisa-Art

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,776
citations

567281

15
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

2648
citing authors

#	ARTICLE	IF	CITATIONS
1	Premature Senescence and Telomere Shortening Induced by Oxidative Stress From Oxalate, Calcium Oxalate Monohydrate, and Urine From Patients With Calcium Oxalate Nephrolithiasis. <i>Frontiers in Immunology</i> , 2021, 12, 696486.	4.8	9
2	Clinical validation of urinary indole-reacted calcium oxalate crystallization index (iCOCI) test for diagnosing calcium oxalate urolithiasis. <i>Scientific Reports</i> , 2020, 10, 8334.	3.3	3
3	Droplet microfluidics: from proof-of-concept to real-world utility?. <i>Chemical Communications</i> , 2019, 55, 9895-9903.	4.1	93
4	Online preconcentration and determination of chondroitin sulfate, dermatan sulfate and hyaluronic acid in biological and cosmetic samples using capillary electrophoresis. <i>Journal of Separation Science</i> , 2019, 42, 2867-2874.	2.5	11
5	Critical Components and Innovations in Paper-Based Analytical Devices. , 2019, , 47-87.		2
6	Cytotoxic responses of human chondrocytes to bupivacaine, levobupivacaine, and ropivacaine. <i>Asian Biomedicine</i> , 2019, 12, 169-178.	0.3	2
7	PDMS-Based Microfluidic Device for Infrared-Transmission Spectro-Electrochemistry. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 728-734.	3.2	3
8	IR-Compatible PDMS microfluidic devices for monitoring of enzyme kinetics. <i>Analytica Chimica Acta</i> , 2018, 1021, 95-102.	5.4	29
9	Highly Sensitive Detection of <i>Salmonella typhimurium</i> Using a Colorimetric Paper-Based Analytical Device Coupled with Immunomagnetic Separation. <i>Analytical Chemistry</i> , 2018, 90, 1035-1043.	6.5	172
10	Microfluidic approach for in situ synthesis of nanoporous silver microstructures as on-chip SERS substrates. <i>Sensors and Actuators B: Chemical</i> , 2018, 270, 466-474.	7.8	32
11	Electrochemistry on Paper-Based Analytical Devices: A Review. <i>Electroanalysis</i> , 2016, 28, 1420-1436.	2.9	218
12	Graphene-polyaniline modified electrochemical droplet-based microfluidic sensor for high-throughput determination of 4-aminophenol. <i>Analytica Chimica Acta</i> , 2016, 925, 51-60.	5.4	72
13	Simple and Rapid Fabrication of PDMS Microfluidic Devices Compatible with FTIR Microspectroscopy. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 195-202.	3.2	12
14	Droplet-based glucosamine sensor using gold nanoparticles and polyaniline-modified electrode. <i>Talanta</i> , 2016, 158, 134-141.	5.5	23
15	Electrochemical droplet-based microfluidics using chip-based carbon paste electrodes for high-throughput analysis in pharmaceutical applications. <i>Analytica Chimica Acta</i> , 2015, 883, 45-54.	5.4	45
16	Calcium oxalate crystallization index (COCI): an alternative method for distinguishing nephrolithiasis patients from healthy individuals. <i>Annals of Clinical and Laboratory Science</i> , 2014, 44, 262-71.	0.2	3
17	Droplet-Based Microfluidics for Binding Assays and Kinetics Based on FRET. <i>Methods in Molecular Biology</i> , 2013, 949, 231-240.	0.9	1
18	High-Efficiency Single-Molecule Detection within Trapped Aqueous Microdroplets. <i>Journal of Physical Chemistry B</i> , 2010, 114, 15766-15772.	2.6	32

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19	Mapping of Fluidic Mixing in Microdroplets with 1 μ s Time Resolution Using Fluorescence Lifetime Imaging. <i>Analytical Chemistry</i> , 2010, 82, 3950-3956.	6.5	47
20	Analysis of Protein-Protein Interactions by Using Droplet-Based Microfluidics. <i>ChemBioChem</i> , 2009, 10, 1605-1611.	2.6	60
21	Identification of rare progenitor cells from human periosteal tissue using droplet microfluidics. <i>Analyst</i> , 2009, 134, 2239.	3.5	45
22	Microdroplets: A sea of applications?. <i>Lab on A Chip</i> , 2008, 8, 1244.	6.0	579
23	Monitoring of Real-Time Streptavidin-Biotin Binding Kinetics Using Droplet Microfluidics. <i>Analytical Chemistry</i> , 2008, 80, 7063-7067.	6.5	138
24	High-Throughput DNA Droplet Assays Using Picoliter Reactor Volumes. <i>Analytical Chemistry</i> , 2007, 79, 6682-6689.	6.5	134
25	Determination of Gibberellic Acid in Fermentation Broth and Commercial Products by Micellar Electrokinetic Chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 1884-1889.	5.2	11