

Mengxia Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10817866/publications.pdf>

Version: 2024-02-01

14
papers

930
citations

840776

11
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

1753
citing authors

#	ARTICLE	IF	CITATIONS
1	Autocatalytic, bistable, oscillatory networks of biologically relevant organic reactions. <i>Nature</i> , 2016, 537, 656-660.	27.8	243
2	A Paper-Based "Pop-up" Electrochemical Device for Analysis of Beta-Hydroxybutyrate. <i>Analytical Chemistry</i> , 2016, 88, 6326-6333.	6.5	140
3	The Molecular Origin of Enthalpy/Entropy Compensation in Biomolecular Recognition. <i>Annual Review of Biophysics</i> , 2018, 47, 223-250.	10.0	130
4	Sensitive and High-Throughput Isolation of Rare Cells from Peripheral Blood with Ensemble-Decision Aliquot Ranking. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4618-4622.	13.8	93
5	Optical painting and fluorescence activated sorting of single adherent cells labelled with photoswitchable Pdots. <i>Nature Communications</i> , 2016, 7, 11468.	12.8	85
6	Desorption Electrospray Tandem MS (DESI-MSMS) Analysis of Methyl Centralite and Ethyl Centralite as Gunshot Residues on Skin and Other Surfaces. <i>Journal of Forensic Sciences</i> , 2008, 53, 807-811.	1.6	65
7	An Automated High-Throughput Counting Method for Screening Circulating Tumor Cells in Peripheral Blood. <i>Analytical Chemistry</i> , 2013, 85, 2465-2471.	6.5	65
8	Optimal control theory enables homonuclear decoupling without Bloch-Siegert shifts in NMR spectroscopy. <i>Nature Communications</i> , 2018, 9, 3014.	12.8	26
9	New Generation of Ensemble-Decision Aliquot Ranking Based on Simplified Microfluidic Components for Large-Capacity Trapping of Circulating Tumor Cells. <i>Analytical Chemistry</i> , 2013, 85, 9671-9677.	6.5	22
10	Abietane-Type Diterpenoids Inhibit Protein Tyrosine Phosphatases by Stabilizing an Inactive Enzyme Conformation. <i>Biochemistry</i> , 2018, 57, 5886-5896.	2.5	20
11	Imaging multiple biomarkers in captured rare cells by sequential immunostaining and photobleaching. <i>Methods</i> , 2013, 64, 108-113.	3.8	10
12	Isolating Rare Cells and Circulating Tumor Cells with High Purity by Sequential eDAR. <i>Analytical Chemistry</i> , 2019, 91, 14605-14610.	6.5	10
13	Simultaneous and selective isolation of multiple subpopulations of rare cells from peripheral blood using ensemble-decision aliquot ranking (eDAR). <i>Lab on A Chip</i> , 2015, 15, 3391-3396.	6.0	7
14	Back Cover: Sensitive and High-Throughput Isolation of Rare Cells from Peripheral Blood with Ensemble-Decision Aliquot Ranking (<i>Angew. Chem. Int. Ed.</i> 19/2012). <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4754-4754.	13.8	0