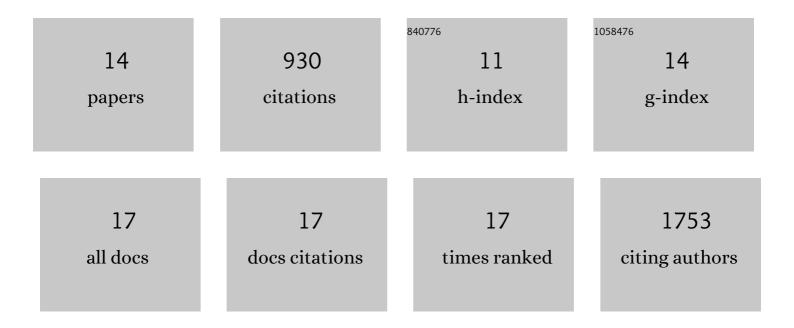
Mengxia Zhao

List of Publications by Year in descending order

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