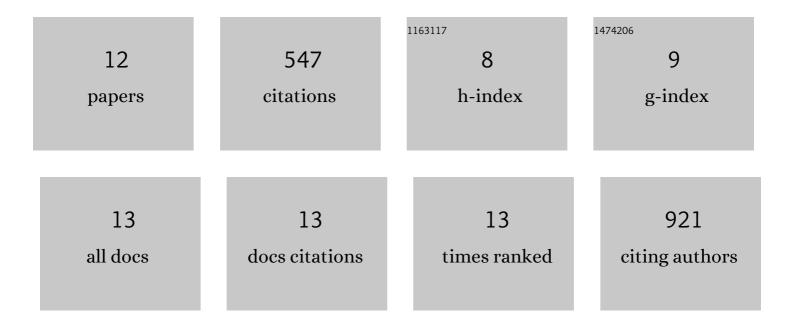
## Chen Zhao

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A microfluidic paper-based electrochemical biosensor array for multiplexed detection of metabolic biomarkers. Science and Technology of Advanced Materials, 2013, 14, 054402.	6.1	132
2	A paper-based microfluidic biosensor integrating zinc oxide nanowires for electrochemical glucose detection. Microsystems and Nanoengineering, 2015, 1, .	7.0	131
3	A portable paper-based microfluidic platform for multiplexed electrochemical detection of human immunodeficiency virus and hepatitis C virus antibodies in serum. Biomicrofluidics, 2016, 10, 024119.	2.4	70
4	A thread-based wearable sweat nanobiosensor. Biosensors and Bioelectronics, 2021, 188, 113270.	10.1	58
5	A paper-based microfluidic platform with shape-memory-polymer-actuated fluid valves for automated multi-step immunoassays. Microsystems and Nanoengineering, 2019, 5, 50.	7.0	49
6	"Plug-n-Play―Sensing with Digital Microfluidics. Analytical Chemistry, 2019, 91, 2506-2515.	6.5	35
7	A portable lab-on-a-chip system for gold-nanoparticle-based colorimetric detection of metal ions in water. Biomicrofluidics, 2014, 8, 052107.	2.4	33
8	Regulating surface traction of a soft robot through electrostatic adhesion control. , 2017, , .		14
9	A portable analytical system for rapid on-site determination of total nitrogen in water. Water Research, 2021, 202, 117410.	11.3	12
10	A paper-based microfluidic device for multiplexed electrochemical detection of biomarkers. , 2013, , .		3
11	A paper-based piezoelectric touch pad integrating zinc oxide nanowires. , 2014, , .		2
12	A 3D-printed portable microindenter for mechanical characterization of soft materials. , 2016, , .		1