Yusheng Fu

List of Publications by Year
in descending order

22 papers	323 citations	1163117 8 h-index	839539 18 g-index
22 all docs	22 docs citations	22 times ranked	394 citing authors

#	Article	IF	Citations
1	Multi-Feature Fusion and Enhancement Single Shot Detector for Traffic Sign Recognition. IEEE Access, 2020, 8, 38931-38940.	4.2	54
2	Anti-SARS-CoV-2 IgG and IgM detection with a GMR based LFIA system. Talanta, 2021, 227, 122207.	5.5	53
3	Blood Cholesterol Monitoring With Smartphone as Miniaturized Electrochemical Analyzer for Cardiovascular Disease Prevention. IEEE Transactions on Biomedical Circuits and Systems, 2018, 12, 784-790.	4.0	52
4	Biomarkers detection with magnetoresistance-based sensors. Biosensors and Bioelectronics, 2020, 165, 112340.	10.1	40
5	Active microparticle manipulation: Recent advances. Sensors and Actuators A: Physical, 2021, 322, 112616.	4.1	22
6	A review on microfluidics in the detection of food pesticide residues. Electrophoresis, 2020, 41, 821-832.	2.4	20
7	Flexible antenna design on PDMS substrate for implantable bioelectronics applications. Electrophoresis, 2019, 40, 1186-1194.	2.4	12
8	Controllable droplet generation at a microfluidic T-junction using AC electric field. Microfluidics and Nanofluidics, 2020, 24, 1.	2.2	9
9	Adaptive Step-Size Matching Pursuit Algorithm for Practical Sparse Reconstruction. Circuits, Systems, and Signal Processing, 2017, 36, 2275-2291.	2.0	8
10	Webshell Detection Based on the Word Attention Mechanism. IEEE Access, 2019, 7, 185140-185147.	4.2	8
11	Electrochemical Test Strip-Based Accurate Blood Uric Acid Measurement by Adding Blood Cell Filtration Membrane. IEEE Transactions on Industrial Informatics, 2019, 15, 6389-6394.	11.3	8
12	Palm-Sized Uric Acid Test Lab Powered by Smartphone for Proactive Gout Management. IEEE Transactions on Biomedical Circuits and Systems, 2019, 13, 950-956.	4.0	6
13	A Numerical Model of Blood Flow Velocity Measurement Based on Finger Ring. Journal of Healthcare Engineering, 2018, 2018, 1-8.	1.9	5
14	Web Application Attack Detection Based on Attention and Gated Convolution Networks. IEEE Access, 2020, 8, 20717-20724.	4.2	5
15	A miniaturized giant magnetic resistance system for quantitative detection of methamphetamine. Analyst, The, 2021, 146, 2718-2725.	3.5	5
16	Quantitative detection of morphine based on an up-conversion luminescent system. Analyst, The, 2021, 146, 989-996.	3.5	4
17	The fast fixed-point algorithm for speckle reduction of polarimetric SAR image. Journal of Electronics, 2005, 22, 288-293.	0.2	3
18	Multi-region segmentation of SAR image by a multiphase level set approach. Journal of Electronics, 2008, 25, 556-561.	0.2	3

#	Article	IF	Citations
19	Combination of medical and health care based on digital smartphone‑powered photochemical dongle for renal function management. Electrophoresis, 2021, 42, 1043-1049.	2.4	3
20	Combined Detection of C-Reactive Protein and Serum Amyloid A Based on Up-Conversion Luminescent System for Internet of Medical Things Application. IEEE Nanotechnology Magazine, 2021, 20, 708-714.	2.0	2
21	Cytomorphology‑based microchip with contour extraction processing for bioparticle analysis. Electrophoresis, 2019, 40, 1195-1201.	2.4	1
22	A new unsupervised classification algorithm for polarimetric sar images based on fuzzy set theory. Journal of Electronics, 2006, 23, 598-601.	0.2	0