

# Yusheng Fu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5643785/publications.pdf>

Version: 2024-02-01

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  | Combination of medical and health care based on digital smartphone-empowered photochemical dongle for renal function management. <i>Electrophoresis</i> , 2021, 42, 1043-1049.                                | 2.4  | 3         |
| 2  | Quantitative detection of morphine based on an up-conversion luminescent system. <i>Analyst, The</i> , 2021, 146, 989-996.  | 3.5  | 4         |
| 3  | Combined Detection of C-Reactive Protein and Serum Amyloid A Based on Up-Conversion Luminescent System for Internet of Medical Things Application. <i>IEEE Nanotechnology Magazine</i> , 2021, 20, 708-714.   | 2.0  | 2         |
| 4  | Anti-SARS-CoV-2 IgG and IgM detection with a GMR based LFIA system. <i>Talanta</i> , 2021, 227, 122207.   | 5.5  | 53        |
| 5  | Active microparticle manipulation: Recent advances. <i>Sensors and Actuators A: Physical</i> , 2021, 322, 112616.   | 4.1  | 22        |
| 6  | A miniaturized giant magnetic resistance system for quantitative detection of methamphetamine. <i>Analyst, The</i> , 2021, 146, 2718-2725.  | 3.5  | 5         |
| 7  | A review on microfluidics in the detection of food pesticide residues. <i>Electrophoresis</i> , 2020, 41, 821-832.  | 2.4  | 20        |
| 8  | Web Application Attack Detection Based on Attention and Gated Convolution Networks. <i>IEEE Access</i> , 2020, 8, 20717-20724.  | 4.2  | 5         |
| 9  | Biomarkers detection with magnetoresistance-based sensors. <i>Biosensors and Bioelectronics</i> , 2020, 165, 112340.  | 10.1 | 40        |
| 10 | Controllable droplet generation at a microfluidic T-junction using AC electric field. <i>Microfluidics and Nanofluidics</i> , 2020, 24, 1.  | 2.2  | 9         |
| 11 | Multi-Feature Fusion and Enhancement Single Shot Detector for Traffic Sign Recognition. <i>IEEE Access</i> , 2020, 8, 38931-38940.  | 4.2  | 54        |
| 12 | Palm-Sized Uric Acid Test Lab Powered by Smartphone for Proactive Gout Management. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2019, 13, 950-956.   | 4.0  | 6         |
| 13 | Flexible antenna design on PDMS substrate for implantable bioelectronics applications. <i>Electrophoresis</i> , 2019, 40, 1186-1194.  | 2.4  | 12        |
| 14 | Webshell Detection Based on the Word Attention Mechanism. <i>IEEE Access</i> , 2019, 7, 185140-185147.  | 4.2  | 8         |
| 15 | Electrochemical Test Strip-Based Accurate Blood Uric Acid Measurement by Adding Blood Cell Filtration Membrane. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 6389-6394.                     | 11.3 | 8         |
| 16 | Cytomorphology-based microchip with contour extraction processing for bioparticle analysis. <i>Electrophoresis</i> , 2019, 40, 1195-1201.   | 2.4  | 1         |
| 17 | A Numerical Model of Blood Flow Velocity Measurement Based on Finger Ring. <i>Journal of Healthcare Engineering</i> , 2018, 2018, 1-8.  | 1.9  | 5         |
| 18 | Blood Cholesterol Monitoring With Smartphone as Miniaturized Electrochemical Analyzer for Cardiovascular Disease Prevention. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2018, 12, 784-790. | 4.0  | 52        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Adaptive Step-Size Matching Pursuit Algorithm for Practical Sparse Reconstruction. <i>Circuits, Systems, and Signal Processing</i> , 2017, 36, 2275-2291. | 2.0 | 8         |
| 20 | Multi-region segmentation of SAR image by a multiphase level set approach. <i>Journal of Electronics</i> , 2008, 25, 556-561.                             | 0.2 | 3         |
| 21 | A new unsupervised classification algorithm for polarimetric sar images based on fuzzy set theory. <i>Journal of Electronics</i> , 2006, 23, 598-601.     | 0.2 | 0         |
| 22 | The fast fixed-point algorithm for speckle reduction of polarimetric SAR image. <i>Journal of Electronics</i> , 2005, 22, 288-293.                        | 0.2 | 3         |