

Zhenzhong Yu

List of Publications by Year in descending order

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10
papers

1,360
citations

933447

10
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

1546
citing authors

#	ARTICLE	IF	CITATIONS
1	Paper Electrode-Based Flexible Pressure Sensor for Point-of-Care Immunoassay with Digital Multimeter. <i>Analytical Chemistry</i> , 2019, 91, 1222-1226.	6.5	278
2	Metal-Polydopamine Framework: An Innovative Signal-Generation Tag for Colorimetric Immunoassay. <i>Analytical Chemistry</i> , 2018, 90, 11099-11105.	6.5	260
3	Ti ₃ C ₂ MXene quantum dot-encapsulated liposomes for photothermal immunoassays using a portable near-infrared imaging camera on a smartphone. <i>Nanoscale</i> , 2019, 11, 15659-15667.	5.6	209
4	Pressure-Based Biosensor Integrated with a Flexible Pressure Sensor and an Electrochromic Device for Visual Detection. <i>Analytical Chemistry</i> , 2021, 93, 2916-2925.	6.5	181
5	Platinum Nanozyme-Triggered Pressure-Based Immunoassay Using a Three-Dimensional Polypyrrole Foam-Based Flexible Pressure Sensor. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 40133-40140.	8.0	123
6	Saw-Toothed Microstructure-Based Flexible Pressure Sensor as the Signal Readout for Point-of-Care Immunoassay. <i>ACS Sensors</i> , 2019, 4, 2272-2276.	7.8	91
7	Reduced graphene oxide-functionalized FeOOH for signal-on photoelectrochemical sensing of prostate-specific antigen with bioresponsive controlled release system. <i>Biosensors and Bioelectronics</i> , 2017, 98, 15-21.	10.1	73
8	A new enzyme immunoassay for alpha-fetoprotein in a separate setup coupling an aluminium/Prussian blue-based self-powered electrochromic display with a digital multimeter readout. <i>Analyst</i> , The, 2018, 143, 2992-2996.	3.5	50
9	Photoelectrochemical sensing of hydrogen peroxide at zero working potential using a fluorine-doped tin oxide electrode modified with BiVO ₄ microrods. <i>Mikrochimica Acta</i> , 2017, 184, 799-806.	5.0	48
10	Actuating photoelectrochemical sensing sensitivity coupling core-core-shell Fe ₃ O ₄ @C@TiO ₂ with molecularly imprinted polypyrrole. <i>Talanta</i> , 2020, 219, 121341.	5.5	47