

Mohamed Sharafeldin

List of Publications by Year in descending order

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15
papers

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999
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#	ARTICLE	IF	CITATIONS
1	Fe ₃ O ₄ nanoparticles on graphene oxide sheets for isolation and ultrasensitive amperometric detection of cancer biomarker proteins. <i>Biosensors and Bioelectronics</i> , 2017, 91, 359-366.	5.3	134
2	Partial Surface Selenization of Cobalt Sulfide Microspheres for Enhancing the Hydrogen Evolution Reaction. <i>ACS Catalysis</i> , 2019, 9, 456-465.	5.5	71
3	3D-Printed Biosensor Arrays for Medical Diagnostics. <i>Micromachines</i> , 2018, 9, 394.	1.4	69
4	Point of Care Sensors for Infectious Pathogens. <i>Analytical Chemistry</i> , 2021, 93, 184-197.	3.2	63
5	An Ultra-Shapeable, Smart Sensing Platform Based on a Multimodal Ferrofluid-Infused Surface. <i>Advanced Materials</i> , 2019, 31, e1807201.	11.1	53
6	Influence of antibody immobilization strategy on carbon electrode immunoarrays. <i>Analyst</i> , The, 2019, 144, 5108-5116.	1.7	45
7	Detecting cancer metastasis and accompanying protein biomarkers at single cell levels using a 3D-printed microfluidic immunoarray. <i>Biosensors and Bioelectronics</i> , 2021, 171, 112681.	5.3	43
8	3D-Printed Immunosensor Arrays for Cancer Diagnostics. <i>Sensors</i> , 2020, 20, 4514.	2.1	32
9	Accessible Telemedicine Diagnostics with ELISA in a 3D Printed Pipette Tip. <i>Analytical Chemistry</i> , 2019, 91, 7394-7402.	3.2	26
10	Prostate Cancer Diagnosis in the Clinic Using an 8-Protein Biomarker Panel. <i>Analytical Chemistry</i> , 2021, 93, 1059-1067.	3.2	22
11	Automated 4-sample protein immunoassays using 3D-printed microfluidics. <i>Analytical Methods</i> , 2018, 10, 4000-4006.	1.3	19
12	Characterising the biosensing interface. <i>Analytica Chimica Acta</i> , 2022, 1216, 339759.	2.6	13
13	Real-time Voltammetric Anion Sensing Under Flow**. <i>Chemistry - A European Journal</i> , 2021, 27, 17700-17706.	1.7	10
14	Open Circuit Potential as a Tool for the Assessment of Binding Kinetics and Reagentless Protein Quantitation. <i>Analytical Chemistry</i> , 2021, 93, 14748-14754.	3.2	6
15	A Quantification of Target Protein Biomarkers in Complex Media by Faradaic Shotgun Tagging. <i>Analytical Chemistry</i> , 2022, 94, 2375-2382.	3.2	5