

Gregory W Bishop

List of Publications by Year in descending order

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16
papers

957
citations

687363

13
h-index

996975

15
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16
all docs

16
docs citations

16
times ranked

1658
citing authors

#	ARTICLE	IF	CITATIONS
1	Resistive-Pulse Studies of Proteins and Protein/Antibody Complexes Using a Conical Nanotube Sensor. <i>Journal of the American Chemical Society</i> , 2007, 129, 13144-13152.	13.7	216
2	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.	10.1	134
3	3D-Printed Fluidic Devices for Nanoparticle Preparation and Flow-Injection Amperometry Using Integrated Prussian Blue Nanoparticle-Modified Electrodes. <i>Analytical Chemistry</i> , 2015, 87, 5437-5443.	6.5	122
4	Ultrathin Graphene-Protein Supercapacitors for Miniaturized Bioelectronics. <i>Advanced Energy Materials</i> , 2017, 7, 1700358.	19.5	88
5	Electroosmotic Flow Rectification in Pyramidal-Pore Mica Membranes. <i>Journal of the American Chemical Society</i> , 2010, 132, 2118-2119.	13.7	64
6	Nanomaterials and biomaterials in electrochemical arrays for protein detection. <i>Journal of Materials Chemistry B</i> , 2014, 2, 12-30.	5.8	53
7	3D-printed bioanalytical devices. <i>Nanotechnology</i> , 2016, 27, 284002.	2.6	51
8	Ultrasensitive microfluidic array for serum pro-inflammatory cytokines and C-reactive protein to assess oral mucositis risk in cancer patients. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 7239-7243.	3.7	46
9	Electrochemiluminescence at Bare and DNA-Coated Graphite Electrodes in 3D-Printed Fluidic Devices. <i>ACS Sensors</i> , 2016, 1, 197-202.	7.8	45
10	Resistive-Pulse Measurements with Nanopipettes: Detection of Vascular Endothelial Growth Factor C (VEGF-C) Using Antibody-Decorated Nanoparticles. <i>Analytical Chemistry</i> , 2015, 87, 6403-6410.	6.5	39
11	Electroosmotic Flow Rectification in Membranes with Asymmetrically Shaped Pores: Effects of Current and Pore Density. <i>Journal of Physical Chemistry C</i> , 2015, 119, 16633-16638.	3.1	34
12	Catalytic Reduction of 1,1,1-Trichloro-2,2,2-trifluoroethane (CFC-113a) by Cobalt(I) Salen Electrogenerated at Vitreous Carbon Cathodes in Dimethylformamide. <i>Journal of the Electrochemical Society</i> , 2007, 154, F65.	2.9	23
13	Use of Redox Probes for Characterization of Layer-by-Layer Gold Nanoparticle-Modified Screen-Printed Carbon Electrodes. <i>Journal of the Electrochemical Society</i> , 2017, 164, B23-B28.	2.9	22
14	Low-Cost Photolithographic Fabrication of Nanowires and Microfilters for Advanced Bioassay Devices. <i>Sensors</i> , 2015, 15, 6091-6104.	3.8	8
15	3D Printed Microfluidic Devices. , 2016, , 103-113.		6
16	Screen-Printed Soft-Nitrided Carbon Electrodes for Detection of Hydrogen Peroxide. <i>Sensors</i> , 2019, 19, 3741.	3.8	6