

John G Bruno

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

860
citations

840776

11
h-index

713466

21
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21
docs citations

21
times ranked

1245
citing authors

#	ARTICLE	IF	CITATIONS
1	Syringe filter-based DNA aptamer-enzyme-linked colorimetric assay of Salmonella on lettuce. <i>Journal of Microbiological Methods</i> , 2022, 193, 106406.	1.6	5
2	Applications in Which Aptamers Are Needed or Wanted in Diagnostics and Therapeutics. <i>Pharmaceuticals</i> , 2022, 15, 693.	3.8	8
3	A Combined Immunofluorescence and Fluorescent Viability Cocktail Staining Procedure for Rapid Microscopic Detection and Enumeration of Live <i>Legionella pneumophila</i> . <i>Journal of Fluorescence</i> , 2021, 31, 1425-1432.	2.5	1
4	Highly Portable and Sensitive Filter-Based Antibody-or DNA Aptamer-Enzyme-Linked Fluorescence Detection of Potential Bacterial Pathogens Proximal to Agricultural Fields. <i>Advanced Science, Engineering and Medicine</i> , 2020, 12, 909-913.	0.3	1
5	Integration of multiple computer modeling software programs for characterization of a brain natriuretic peptide sandwich DNA aptamer complex. <i>Journal of Molecular Recognition</i> , 2019, 32, e2809.	2.1	6
6	Beacons Contribute Valuable Empirical Information to Theoretical 3-D Aptamer-Peptide Binding. <i>Journal of Fluorescence</i> , 2019, 29, 711-717.	2.5	8
7	Aptamers in the Therapeutics and Diagnostics Pipelines. <i>Theranostics</i> , 2018, 8, 4016-4032.	10.0	271
8	Simple Methods and Rational Design for Enhancing Aptamer Sensitivity and Specificity. <i>Frontiers in Molecular Biosciences</i> , 2018, 5, 41.	3.5	105
9	Potential Inherent Stimulation of the Innate Immune System by Nucleic Acid Aptamers and Possible Corrective Approaches. <i>Pharmaceuticals</i> , 2018, 11, 62.	3.8	23
10	Long Shelf Life of a Lyophilized DNA Aptamer Beacon Assay. <i>Journal of Fluorescence</i> , 2017, 27, 439-441.	2.5	9
11	Aptamer-Quantum Dot Lateral Flow Test Strip Development for Rapid and Sensitive Detection of Pathogenic <i>Escherichia coli</i> via Intimin, O157- Specific LPS and Shiga Toxin 1 Aptamers. <i>Current Bionanotechnology</i> , 2016, 1, 80-86.	0.6	8
12	Development of a Fluorescent Enzyme-Linked DNA Aptamer-Magnetic Bead Sandwich Assay and Portable Fluorometer for Sensitive and Rapid <i>Listeria</i> Detection. <i>Journal of Fluorescence</i> , 2015, 25, 173-183.	2.5	23
13	Preliminary Development of DNA Aptamers to Inhibit Phospholipase A ₂ Activity of Bee and Cobra Venoms. <i>Journal of Bionanoscience</i> , 2015, 9, 270-275.	0.4	3
14	Preliminary development of a DNA aptamer-magnetic bead capture electrochemiluminescence sandwich assay for brain natriuretic peptide. <i>Microchemical Journal</i> , 2014, 115, 32-38.	4.5	33
15	Application of DNA Aptamers and Quantum Dots to Lateral Flow Test Strips for Detection of Foodborne Pathogens with Improved Sensitivity versus Colloidal Gold. <i>Pathogens</i> , 2014, 3, 341-355.	2.8	157
16	An Aptasensor Based on Polymer-Gold Nanoparticle Composite Microspheres for the Detection of Malathion Using Surface-Enhanced Raman Spectroscopy. <i>Industrial Biotechnology</i> , 2013, 9, 42-50.	0.8	73
17	Development, screening, and analysis of DNA aptamer libraries potentially useful for diagnosis and passive immunity of arboviruses. <i>BMC Research Notes</i> , 2012, 5, 633.	1.4	57
18	Dynamics and Visualization of MCF7 Adenocarcinoma Cell Death by Aptamer-C1q-Mediated Membrane Attack. <i>Nucleic Acid Therapeutics</i> , 2012, 22, 275-282.	3.6	20

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19	Discrimination of recombinant from natural human growth hormone using DNA aptamers. Journal of Biomolecular Techniques, 2011, 22, 27-36.	1.5	20
20	Preliminary development of DNA aptamer- α Fc conjugate opsonins. Journal of Biomedical Materials Research - Part A, 2009, 90A, 1152-1161.	4.0	19
21	A Color Image Analysis Method for Assessment of Germination Based on Differential Fluorescence Staining of Bacterial Spores and Vegetative Cells Using Acridine Orange. Biotechnic and Histochemistry, 1995, 70, 175-184.	1.3	10