

Laura Rowe

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

174
citations

1307366
7
h-index

1281743
11
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17
all docs

17
docs citations

17
times ranked

251
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioluminescence DNA Hybridization Assay for Plasmodium falciparum Based on the Photoprotein Aequorin. Analytical Chemistry, 2007, 79, 4149-4153.	3.2	35
2	Red-Shifted Aequorin Variants Incorporating Non-Canonical Amino Acids: Applications in In Vivo Imaging. PLoS ONE, 2016, 11, e0158579.	1.1	27
3	Aequorin-Based Homogeneous Cortisol Immunoassay for Analysis of Saliva Samples. Bioconjugate Chemistry, 2007, 18, 1772-1777.	1.8	20
4	Detecting Microplastics in Soil and Sediment in an Undergraduate Environmental Chemistry Laboratory Experiment That Promotes Skill Building and Encourages Environmental Awareness. Journal of Chemical Education, 2019, 96, 323-328.	1.1	17
5	Analyzing protein glycosylation using UHPLC: a review. Bioanalysis, 2018, 10, 1691-1703.	0.6	15
6	Genetically Modified Semisynthetic Bioluminescent Photoprotein Variants: Simultaneous Dual-Analyte Assay in a Single Well Employing Time Resolution of Decay Kinetics. Analytical Chemistry, 2008, 80, 8470-8476.	3.2	14
7	Modulating the Bioluminescence Emission of Photoproteins by <i>in Vivo</i> Site-Directed Incorporation of Non-Natural Amino Acids. ACS Chemical Biology, 2010, 5, 455-460.	1.6	14
8	A benzoboroxole-based affinity ligand for glycoprotein purification at physiological pH. Journal of Molecular Recognition, 2016, 29, 232-238.	1.1	7
9	Green Fluorescent Protein-Focused Bioinformatics Laboratory Experiment Suitable for Undergraduates in Biochemistry Courses. Journal of Chemical Education, 2017, 94, 650-655.	1.1	7
10	Stability of non-proteinogenic amino acids to UV and gamma irradiation. International Journal of Astrobiology, 2019, 18, 426-435.	0.9	6
11	Luminescent Proteins: Applications in Microfluidics and Miniaturized Analytical Systems. , 2006, , 179-198.		4
12	Ethics and Systems Thinking in Biochemistry: A CRISPR-Based Activity for Undergraduate Students. Journal of Chemical Education, 2020, 97, 1944-1950.	1.1	3
13	EF-hand Ca ²⁺ -binding bioluminescent proteins: effects of mutations and alternative divalent cations. , 2007, , .		1
14	Genetically engineered luminescent proteins in biosensing. , 2006, , .		0
15	BIOLUMINESCENCE CHARACTERISTICS OF AN OBELIN MUTANT IN VARYING SOLVENT CONDITIONS. , 2007, , .		0