Antonia Lopreside

List of Publications by Year
in descending order

20	418	759233 12	940533 16
papers	citations	h-index	g-index

22	22	22	372
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multienzyme chemiluminescent foldable biosensor for on-site detection of acetylcholinesterase inhibitors. Biosensors and Bioelectronics, 2020, 162, 112232.	10.1	75
2	Comprehensive Profiling of Diverse Genetic Reporters with Application to Whole-Cell and Cell-Free Biosensors. Analytical Chemistry, 2019, 91, 15284-15292.	6.5	56
3	Smartphone-based multicolor bioluminescent 3D spheroid biosensors for monitoring inflammatory activity. Biosensors and Bioelectronics, 2019, 123, 269-277.	10.1	44
4	Exploiting NanoLuc luciferase for smartphone-based bioluminescence cell biosensor for (anti)-inflammatory activity and toxicity. Analytical and Bioanalytical Chemistry, 2016, 408, 8859-8868.	3.7	36
5	A novel bioluminescent NanoLuc yeast-estrogen screen biosensor (nanoYES) with a compact wireless camera for effect-based detection of endocrine-disrupting chemicals. Analytical and Bioanalytical Chemistry, 2018, 410, 1237-1246.	3.7	36
6	Orthogonal paper biosensor for mercury(II) combining bioluminescence and colorimetric smartphone detection. Biosensors and Bioelectronics, 2021, 194, 113569.	10.1	32
7	Paper-Based Immunosensors with Bio-Chemiluminescence Detection. Sensors, 2021, 21, 4309.	3.8	23
8	Ultrasensitive On-Field Luminescence Detection Using a Low-Cost Silicon Photomultiplier Device. Analytical Chemistry, 2021, 93, 7388-7393.	6.5	22
9	PrÃªt-Ã-porter nanoYESÎ± and nanoYESÎ² bioluminescent cell biosensors for ultrarapid and sensitive screening of endocrine-disrupting chemicals. Analytical and Bioanalytical Chemistry, 2019, 411, 4937-4949.	3.7	21
10	Bioluminescence Imaging of Spheroids for Highâ€throughput Longitudinal Studies on 3D Cell Culture Models. Photochemistry and Photobiology, 2017, 93, 531-535.	2.5	17
11	Smartphone-Based Biosensors for Bioanalytics. Comprehensive Analytical Chemistry, 2017, 77, 237-286.	1.3	13
12	Portable light detectors for bioluminescence biosensing applications: A comprehensive review from the analytical chemist's perspective. Analytica Chimica Acta, 2022, 1200, 339583.	5.4	13
13	Precision medicine, bioanalytics and nanomaterials: toward a new generation of personalized portable diagnostics. Analyst, The, 2020, 145, 2841-2853.	3.5	11
14	Bioluminescence goes portable: recent advances in wholeâ€cell and cellâ€free bioluminescence biosensors. Luminescence, 2021, 36, 278-293.	2.9	7
15	A Genetically Encoded Bioluminescence Intracellular Nanosensor for Androgen Receptor Activation Monitoring in 3D Cell Models. Sensors, 2021, 21, 893.	3.8	7
16	High-Throughput Bioluminescence Imaging and Reporter Gene Assay with 3D Spheroids from Human Cell Lines. Methods in Molecular Biology, 2020, 2081, 3-14.	0.9	4
17	Live Cell Immobilization. , 2022, , 479-496.		1
18	Smartphone-Based Cell Detection. , 2022, , 963-978.		0

#	Article	IF	Citations
19	Live Cell Immobilization. , 2019, , 1-18.		0
20	New Tools for Rapid and Sensitive Detection of Water Contamination: Whole-Cell Biosensors and Cell-Free TX-TL Systems. NATO Science for Peace and Security Series A: Chemistry and Biology, 2020, , 239-241.	0.5	0