

Lorenzo Lunelli

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

501
citations

759233

12
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

938
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Blood Platelets Adsorption on Polymeric Materials for Liquid Biopsy. <i>Sensors</i> , 2022, 22, 4788.	3.8	1
2	Exploring a new approach for regenerative medicine: Ti-doped polycrystalline diamond layers as bioactive platforms for osteoblast-like cells growth. <i>Applied Surface Science</i> , 2021, 540, 148334.	6.1	11
3	Biofunctional Surfaces for Smart Entrapment of Polysomes. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 776.	2.5	0
4	Photofabrication of polymeric biomicrofluidics: New insights into material selection. <i>Materials Science and Engineering C</i> , 2020, 106, 110166.	7.3	5
5	PDMS-Based Microdevices for the Capture of MicroRNA Biomarkers. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3867.	2.5	4
6	Rapid Nickel-based Isolation of Extracellular Vesicles from Different Biological Fluids. <i>Bio-protocol</i> , 2020, 10, e3512.	0.4	7
7	Ultrasensitive detection of cancer biomarkers by nickel-based isolation of polydisperse extracellular vesicles from blood. <i>EBioMedicine</i> , 2019, 43, 114-126.	6.1	40
8	Fluorescent Aptamer Immobilization on Inverse Colloidal Crystals. <i>Sensors</i> , 2018, 18, 4326.	3.8	12
9	Structure and Properties of DNA Molecules Over The Full Range of Biologically Relevant Supercoiling States. <i>Scientific Reports</i> , 2018, 8, 6163.	3.3	25
10	Identification and dynamic changes of RNAs isolated from RALY-containing ribonucleoprotein complexes. <i>Nucleic Acids Research</i> , 2017, 45, 6775-6792.	14.5	39
11	Peering at Brain Polysomes with Atomic Force Microscopy. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	8
12	RiboAbacus: a model trained on polyribosome images predicts ribosome density and translational efficiency from mammalian transcriptomes. <i>Nucleic Acids Research</i> , 2015, 43, e153-e153.	14.5	8
13	SPAD aptasensor for the detection of circulating protein biomarkers. <i>Biosensors and Bioelectronics</i> , 2015, 68, 500-507.	10.1	24
14	Three distinct ribosome assemblies modulated by translation are the building blocks of polysomes. <i>Journal of Cell Biology</i> , 2015, 208, 581-596.	5.2	44
15	An easy way to realize SPR aptasensor: A multimode plastic optical fiber platform for cancer biomarkers detection. <i>Talanta</i> , 2015, 140, 88-95.	5.5	102
16	Studying translational control in non-model stressed organisms by polysomal profiling. <i>Journal of Insect Physiology</i> , 2015, 76, 30-35.	2.0	6
17	OncomiR detection in circulating body fluids: a PDMS microdevice perspective. <i>Lab on A Chip</i> , 2014, 14, 4067-4075.	6.0	24
18	Whispering gallery mode aptasensors for detection of blood proteins. <i>Journal of Biophotonics</i> , 2013, 6, 178-187.	2.3	32

#	ARTICLE	IF	CITATIONS
19	Solid phase DNA extraction on PDMS and direct amplification. Lab on A Chip, 2011, 11, 4029.	6.0	37
20	Hemocompatibility of pyrolytic carbon in comparison with other biomaterials. Diamond and Related Materials, 2011, 20, 762-769.	3.9	14
21	Effect of materials for micro-electro-mechanical systems on PCR yield. European Biophysics Journal, 2010, 39, 979-986.	2.2	15
22	Human Plasma Protein Adsorption on Carbon-Based Materials. Journal of Nanoscience and Nanotechnology, 2009, 9, 3785-3791.	0.9	11
23	Covalently Anchored Lipid Structures on Amine-Enriched Polystyrene. Langmuir, 2005, 21, 8338-8343.	3.5	18
24	Dynamic light scattering from small particles: expected accuracy in hemoglobin data reduction. Applied Optics, 1996, 35, 3763.	2.1	11
25	Whispering Gallery Mode Microresonators for Biosensing. Advances in Science and Technology, 0, , .	0.2	3