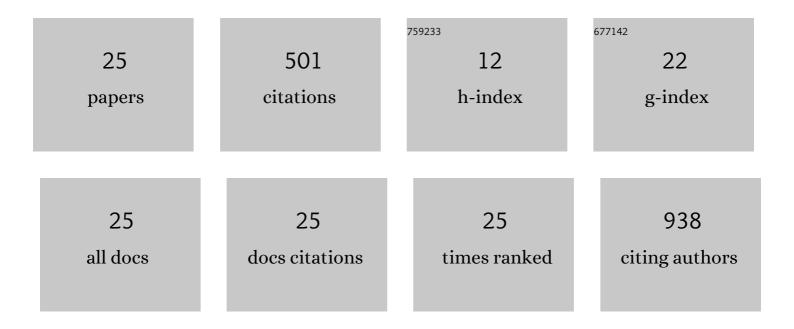
## Lorenzo Lunelli

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10640582/publications.pdf Version: 2024-02-01



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

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#	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