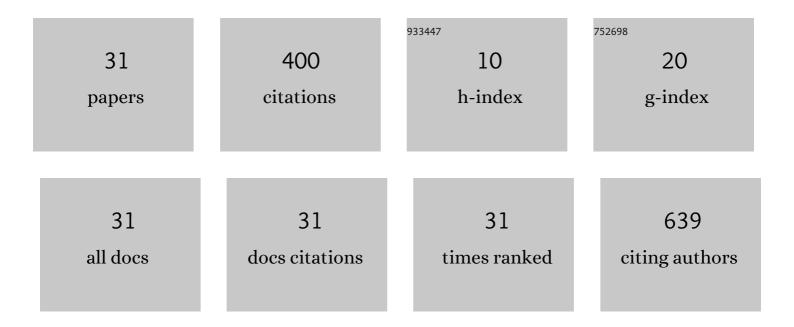
Lorena Tedeschi

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	10â€ ⁻ 000-Fold Improvement in Protein Detection Using Nanostructured Porous Silicon Interferometric Aptasensors. ACS Sensors, 2016, 1, 1471-1479.	7.8	70
2	Aptamer-Mediated Codelivery of Doxorubicin and NF-κB Decoy Enhances Chemosensitivity of Pancreatic Tumor Cells. Molecular Therapy - Nucleic Acids, 2015, 4, e235.	5.1	67
3	Antibody immobilisation on fibre optic TIRF sensors. Biosensors and Bioelectronics, 2003, 19, 85-93.	10.1	44
4	Biosensors for measuring matrix metalloproteinases: An emerging research field. TrAC - Trends in Analytical Chemistry, 2019, 110, 35-50.	11.4	31
5	UV lithography-based protein patterning on silicon: Towards the integration of bioactive surfaces and CMOS electronics. Applied Surface Science, 2011, 257, 8413-8419.	6.1	29
6	FRET-based protein–DNA binding assay for detection of active NF-κB. Sensors and Actuators B: Chemical, 2006, 113, 649-654.	7.8	25
7	Hammerhead ribozymes in therapeutic target discovery and validation. Drug Discovery Today, 2009, 14, 776-783.	6.4	23
8	An integrated approach for the design and synthesis of oligonucleotide probes and their interfacing to a QCM-based RNA biosensor. Biosensors and Bioelectronics, 2005, 20, 2376-2385.	10.1	16
9	Integrated Sensor System for DNA Amplification and Separation Based on Thin Film Technology. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2018, 8, 1141-1148.	2.5	11
10	A gel-free approach in vascular smooth muscle cell proteome: perspectives for a better insight into activation. Proteome Science, 2010, 8, 15.	1.7	10
11	Protein patterning on polycrystalline silicon–germanium via standard UV lithography for bioMEMS applications. Materials Science and Engineering C, 2010, 30, 1221-1226.	7.3	9
12	Innovative Erythrocyte-based Carriers for Gene Delivery in Porcine Vascular Smooth Muscle Cells: Basis for Local Therapy to Prevent Restenosis. Cardiovascular & Hematological Disorders Drug Targets, 2012, 12, 68-75.	0.7	9
13	Main Factors Involved in Thyroid Hormone Action. Molecules, 2021, 26, 7337.	3.8	9
14	Pitting Corrosion Within Bioreactors for Space Cell-Culture Contaminated by Paenibacillus glucanolyticus, a Case Report. Microgravity Science and Technology, 2018, 30, 309-319.	1.4	7
15	Design, preparation and testing of suitable probe-receptors for RNA biosensing. Bioelectrochemistry, 2005, 67, 171-179.	4.6	6
16	Optical PMMA Chip Suitable for Multianalyte Detection. IEEE Sensors Journal, 2008, 8, 1305-1309.	4.7	5
17	Oligonucleotide biofunctionalization enhances endothelial progenitor cell adhesion on cobalt/chromium stents. Journal of Biomedical Materials Research - Part A, 2015, 103, 3284-3292.	4.0	5
18	Early modifications of circulating microRNAs levels in metastatic colorectal cancer patients treated with regorafenib. Pharmacogenomics Journal, 2019, 19, 455-464.	2.0	5

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#	Article	IF	CITATIONS
19	Tailoring of silica-based nanoporous pod by spermidine multi-activity. Scientific Reports, 2020, 10, 21142.	3.3	5
20	Selective organic functionalization of polycrystalline silicon-germanium for bioMEMS applications. Procedia Chemistry, 2009, 1, 252-255.	0.7	3
21	Ribozyme-mediated gene knock down strategy to dissect the consequences of PDGF stimulation in vascular smooth muscle cells. BMC Research Notes, 2012, 5, 268.	1.4	3
22	Interferogram Average over Wavelength Spectroscopy: An Ultrasensitive Technique for Biosensing with Porous Silicon Interferometers. ECS Transactions, 2017, 77, 1815-1823.	0.5	3
23	Lab-on-glass system for DNA treatments. , 2017, , .		1
24	HOW DOES IT WORK A QUALITY/PERFORMANCE MANAGEMENT SYSTEM IN A BIOMEDICAL RESEARCH INSTITUTION? LIGHTS AND SHADOWS. International Journal for Quality Research, 2021, 15, 871-888.	1.0	1
25	Silencing Survivin: a Key Therapeutic Strategy for Cardiac Hypertrophy. Journal of Cardiovascular Translational Research, 2021, , 1.	2.4	1
26	Label-Free Detection of Specific RNA Sequences by a DNA-Based CMOS BioMEMS. Lecture Notes in Electrical Engineering, 2014, , 277-280.	0.4	1
27	Biological Effects of Transforming Growth Factor Beta in Human Cholangiocytes. Biology, 2022, 11, 566.	2.8	1
28	FRET based biosensor for detection of active NF-kB. , 2005, 5855, 439.		0
29	A compact optical system for the interrogation of microcantilevers. Proceedings of SPIE, 2007, , .	0.8	0
30	An optical platform based on fluorescence anisotropy for C — reactive protein assay. , 2008, , .		0
31	Porous silicon interferometers for high-sensitivity label-free detection of biomolecules. , 2017, , .		0