Lorena Tedeschi

List of Publications by Year
in descending order

31	400	933447 10	752698 20
papers	citations	h-index	g-index

31	31	31	639
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biological Effects of Transforming Growth Factor Beta in Human Cholangiocytes. Biology, 2022, 11, 566.	2.8	1
2	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
3	Silencing Survivin: a Key Therapeutic Strategy for Cardiac Hypertrophy. Journal of Cardiovascular Translational Research, 2021, , 1.	2.4	1
4	Main Factors Involved in Thyroid Hormone Action. Molecules, 2021, 26, 7337.	3.8	9
5	Tailoring of silica-based nanoporous pod by spermidine multi-activity. Scientific Reports, 2020, 10, 21142.	3.3	5
6	Early modifications of circulating microRNAs levels in metastatic colorectal cancer patients treated with regorafenib. Pharmacogenomics Journal, 2019, 19, 455-464.	2.0	5
7	Biosensors for measuring matrix metalloproteinases: An emerging research field. TrAC - Trends in Analytical Chemistry, 2019, 110, 35-50.	11.4	31
8	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
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	Interferogram Average over Wavelength Spectroscopy: An Ultrasensitive Technique for Biosensing with Porous Silicon Interferometers. ECS Transactions, 2017, 77, 1815-1823.	0.5	3
11	Lab-on-glass system for DNA treatments. , 2017, , .		1
12	Porous silicon interferometers for high-sensitivity label-free detection of biomolecules. , 2017, , .		0
13	10â€¯000-Fold Improvement in Protein Detection Using Nanostructured Porous Silicon Interferometric Aptasensors. ACS Sensors, 2016, 1, 1471-1479.	7.8	70
14	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
15	Aptamer-Mediated Codelivery of Doxorubicin and NF-ÎºB Decoy Enhances Chemosensitivity of Pancreatic Tumor Cells. Molecular Therapy - Nucleic Acids, 2015, 4, e235.	5.1	67
16	Label-Free Detection of Specific RNA Sequences by a DNA-Based CMOS BioMEMS. Lecture Notes in Electrical Engineering, 2014, , 277-280.	0.4	1
17	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
18	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

#	Article	IF	Citations
19	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
20	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
21	Protein patterning on polycrystalline siliconâ€“germanium via standard UV lithography for bioMEMS applications. Materials Science and Engineering C, 2010, 30, 1221-1226.	7.3	9
22	Hammerhead ribozymes in therapeutic target discovery and validation. Drug Discovery Today, 2009, 14, 776-783.	6.4	23
23	Selective organic functionalization of polycrystalline silicon-germanium for bioMEMS applications. Procedia Chemistry, 2009, 1, 252-255.	0.7	3
24	An optical platform based on fluorescence anisotropy for C — reactive protein assay. , 2008, , .		0
25	Optical PMMA Chip Suitable for Multianalyte Detection. IEEE Sensors Journal, 2008, 8, 1305-1309.	4.7	5
26	A compact optical system for the interrogation of microcantilevers. Proceedings of SPIE, 2007, , .	0.8	0
27	FRET-based proteinâ€“DNA binding assay for detection of active NF-Î¹B. Sensors and Actuators B: Chemical, 2006, 113, 649-654.	7.8	25
28	Design, preparation and testing of suitable probe-receptors for RNA biosensing. Bioelectrochemistry, 2005, 67, 171-179.	4.6	6
29	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
30	FRET based biosensor for detection of active NF-ĸB. , 2005, 5855, 439.		0
31	Antibody immobilisation on fibre optic TIRF sensors. Biosensors and Bioelectronics, 2003, 19, 85-93.	10.1	44