NicolÃ¡s E Muzzio

List of Publications by Year
in descending order

25 papers	350 citations	840585 11 h-index	794469 19 g-index
26 all docs	26 docs citations	26 times ranked	436 citing authors

#	Article	IF	Citations
1	Wireless Forceâ€Inducing Neuronal Stimulation Mediated by High Magnetic Moment Microdiscs (Adv.) Tj ETQq1 1 0.784314 rgBT /Over	3.9	0
2	Wireless Forceâ€Inducing Neuronal Stimulation Mediated by High Magnetic Moment Microdiscs. Advanced Healthcare Materials, 2022, 11, e2101826.	3.9	8
3	Stabilization of Poly (Î²-Amino Ester) Nanoparticles for the Efficient Intracellular Delivery of PiggyBac Transposon. Bioengineering, 2021, 8, 16.	1.6	6
4	Phase transition characterization of poly(oligo(ethylene glycol)methyl ether methacrylate) brushes using the quartz crystal microbalance with dissipation. Soft Matter, 2021, 17, 2530-2538.	1.2	12
5	Pentagalloyl Glucose-Laden Poly(lactide-co-glycolide) Nanoparticles for the Biomechanical Extracellular Matrix Stabilization of an In Vitro Abdominal Aortic Aneurysm Model. ACS Applied Materials & Interfaces, 2021, 13, 25771-25782.	4.0	5
6	Tilted mammalian cell colony propagation dynamics on patterned substrates. Chaos, Solitons and Fractals, 2021, 146, 110841.	2.5	3
7	Multifunctional Scaffolds and Synergistic Strategies in Tissue Engineering and Regenerative Medicine. Pharmaceutics, 2021, 13, 792.	2.0	29
8	Antibacterial Layer-by-Layer Coatings for Medical Implants. Pharmaceutics, 2021, 13, 16.	2.0	50
9	Mesoporous titania coatings with carboxylated pores for complexation and slow delivery of strontium for osteogenic induction. Applied Surface Science, 2020, 510, 145172.	3.1	7
10	Antibacterial Layerâ€byâ€Layer Films of Poly(acrylic acid)â€“Gentamicin Complexes with a Combined Burst and Sustainable Release of Gentamicin. Advanced Materials Interfaces, 2019, 6, 1901373.	1.9	18
11	Strontium Titanate (SrTiO₃) Mesoporous Coatings for Enhanced Strontium Delivery and Osseointegration on Bone Implants. Advanced Engineering Materials, 2019, 21, 1801210.	1.6	11
12	Osseointegration: Antibacterial Mesoporous Titania Films with Embedded Gentamicin and Surface Modified with Bone Morphogenetic Protein 2 to Promote Osseointegration in Bone Implants (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.9	0
13	Cellâ€Interface Interactions: Adsorption and Exchangeability of Fibronectin and Serum Albumin Protein Corona on Annealed Polyelectrolyte Multilayers and Their Consequences on Cell Adhesion (Adv.) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.9	0
14	Antibacterial Mesoporous Titania Films with Embedded Gentamicin and Surface Modified with Bone Morphogenetic Protein 2 to Promote Osseointegration in Bone Implants. Advanced Materials Interfaces, 2019, 6, 1801648.	1.9	8
15	Adsorption and Exchangeability of Fibronectin and Serum Albumin Protein Corona on Annealed Polyelectrolyte Multilayers and Their Consequences on Cell Adhesion. Advanced Materials Interfaces, 2019, 6, 1900008.	1.9	23
16	Antibacterial Coatings: Antibacterial Layerâ€byâ€Layer Films of Poly(acrylic acid)â€“Gentamicin Complexes with a Combined Burst and Sustainable Release of Gentamicin (Adv. Mater. Interfaces 22/2019). Advanced Materials Interfaces, 2019, 6, 1970140.	1.9	0
17	Self-assembled phosphate-polyamine networks as biocompatible supramolecular platforms to modulate cell adhesion. Biomaterials Science, 2018, 6, 2230-2247.	2.6	19
18	Thermal Annealing of Polyelectrolyte Multilayers: An Effective Approach for the Enhancement of Cell Adhesion. Advanced Materials Interfaces, 2017, 4, 1600126.	1.9	23

#	Article	IF	Citations
19	Cell Adhesion: Thermal Annealing of Polyelectrolyte Multilayers: An Effective Approach for the Enhancement of Cell Adhesion (Adv. Mater. Interfaces 1/2017). Advanced Materials Interfaces, 2017, 4, .	1.9	1
20	Tailored polyelectrolyte thin film multilayers to modulate cell adhesion. Biointerphases, 2017, 12, 04E403.	0.6	14
21	Enhanced antiadhesive properties of chitosan/hyaluronic acid polyelectrolyte multilayers driven by thermal annealing: Low adherence for mammalian cells and selective decrease in adhesion for Gram-positive bacteria. Materials Science and Engineering C, 2017, 80, 677-687.	3.8	38
22	Polyelectrolytes Multilayers to Modulate Cell Adhesion: A Study of the Influence of Film Composition and Polyelectrolyte Interdigitation on the Adhesion of the A549 Cell Line. Macromolecular Bioscience, 2016, 16, 482-495.	2.1	28
23	Impact of thermal annealing on wettability and antifouling characteristics of alginate poly-l-lysine polyelectrolyte multilayer films. Colloids and Surfaces B: Biointerfaces, 2016, 145, 328-337.	2.5	34
24	Spatio-temporal morphology changes in and quenching effects on the 2D spreading dynamics of cell colonies in both plain and methylcellulose-containing culture media. Journal of Biological Physics, 2016, 42, 477-502.	0.7	5
25	Influence of individual cell motility on the 2D front roughness dynamics of tumour cell colonies. Journal of Biological Physics, 2014, 40, 285-308.	0.7	8