## Pierpaolo Greco

List of Publications by Year in descending order

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PIERDAOLO CRECO

#	Article	IF	CITATIONS
1	Laser Assisted Bioprinting of laminin on biodegradable PLGA substrates: Effect on neural stem cell adhesion and differentiation. Bioprinting, 2022, 26, e00194.	5.8	14
2	Monitoring DNA Hybridization with Organic Electrochemical Transistors Functionalized with Polydopamine. Macromolecular Materials and Engineering, 2022, 307, .	3.6	12
3	Flexible Neural Interfaces Based on 3D PEDOT:PSS Micropillar Arrays. Advanced Materials Interfaces, 2022, 9, .	3.7	6
4	Physical insights from the Frumkin isotherm applied to electrolyte gated organic transistors as protein biosensors. Journal of Materials Chemistry C, 2021, 9, 10965-10974.	5.5	11
5	Compact Miniaturized Bioluminescence Sensor Based on Continuous Air-Segmented Flow for Real-Time Monitoring: Application to Bile Salt Hydrolase (BSH) Activity and ATP Detection in Biological Fluids. Chemosensors, 2021, 9, 122.	3.6	2
6	Label free detection of miRNA-21 with electrolyte gated organic field effect transistors (EGOFETs). Biosensors and Bioelectronics, 2021, 182, 113144.	10.1	25
7	Label-free immunodetection of α-synuclein by using a microfluidics coplanar electrolyte-gated organic field-effect transistor. Biosensors and Bioelectronics, 2020, 167, 112433.	10.1	42
8	Harnessing Selectivity and Sensitivity in Electronic Biosensing: A Novel Lab-on-Chip Multigate Organic Transistor. Analytical Chemistry, 2020, 92, 9330-9337.	6.5	33
9	EGOFET Gated by a Molecular Electronic Switch: A Singleâ€Device Memory Cell. Advanced Electronic Materials, 2019, 5, 1800875.	5.1	7
10	Fluid Mixing for Lowâ€Power â€~Digital Microfluidics' Using Electroactive Molecular Monolayers. Small, 2018, 14, 1703344.	10.0	10
11	Asymmetric Injection in Organic Transistors via Direct SAM Functionalization of Source and Drain Electrodes. ACS Omega, 2017, 2, 3502-3508.	3.5	11
12	Amorphous Aggregation of Amyloid Beta 1â€40 Peptide in Confined Space. ChemPhysChem, 2015, 16, 3379-3384.	2.1	1
13	Human Neuronal SHSY5Y Cells on PVDF:PTrFE Copolymer Thin Films. Advanced Engineering Materials, 2015, 17, 1051-1056.	3.5	6
14	Neural cell alignment by patterning gradients of the extracellular matrix protein laminin. Interface Focus, 2014, 4, 20130041.	3.0	33
15	Facile maskless fabrication of organic field effect transistors on biodegradable substrates. Applied Physics Letters, 2013, 103, 073302.	3.3	16
16	Patterned conductive nanostructures from reversible self-assembly of 1D coordination polymer. Chemical Science, 2012, 3, 2047.	7.4	28
17	Micro- and nanopatterning by lithographically controlled wetting. Nature Protocols, 2012, 7, 1668-1676.	12.0	86
18	Unconventional Multi‣cale Patterning of Titanium Dioxide: A New Tool for the Investigation of Cell–Topography Interactions. Advanced Engineering Materials, 2012, 14, B208.	3.5	4

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19	One-step substrate nanofabrication and patterning of nanoparticles by lithographically controlled etching. Nanotechnology, 2011, 22, 355301.	2.6	5
20	Stable Nonâ€Covalent Large Area Patterning of Inert Teflonâ€AF Surface: A New Approach to Multiscale Cell Guidance. Advanced Engineering Materials, 2010, 12, B185.	3.5	19
21	Patterning pentacene surfaces by local oxidation nanolithography. Ultramicroscopy, 2010, 110, 729-732.	1.9	8
22	Fabrication of ordered carbon nanotube structures by unconventional lithography. Physica Status Solidi (B): Basic Research, 2010, 247, 877-883.	1.5	3
23	Multiscale Morphology of Organic Semiconductor Thin Films Controls the Adhesion and Viability of Human Neural Cells. Biophysical Journal, 2010, 98, 2804-2812.	0.5	50
24	Control of neuronal cell adhesion on single-walled carbon nanotube 3D patterns. Journal of Materials Chemistry, 2010, 20, 2213.	6.7	26
25	Towards Allâ€Organic Fieldâ€Effect Transistors by Additive Soft Lithography. Small, 2009, 5, 1117-1122.	10.0	59
26	Conductive Sub-micrometric Wires of Platinum-Carbonyl Clusters Fabricated by Soft-Lithography. Journal of the American Chemical Society, 2008, 130, 1177-1182.	13.7	68
27	3D Hierarchical Porous TiO2 Films from Colloidal Composite Fluidic Deposition. Chemistry of Materials, 2008, 20, 7130-7135.	6.7	28
28	Parallel-local anodic oxidation of silicon surfaces by soft stamps. Nanotechnology, 2008, 19, 435303.	2.6	55
29	Preparation of tools for lithographically controlled wetting and soft lithography. Protocol	0.3	3