

# Antonio Della Torre

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

965  
citations

1040056

9  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1938  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-enhanced fluorescence of colloidal nanocrystals with nanoscale control. <i>Nature Nanotechnology</i> , 2006, 1, 126-130.	31.5	573
2	Charge transport and intrinsic fluorescence in amyloid-like fibrils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18019-18024.	7.1	192
3	Confined Optical Phonon Modes in Aligned Nanorod Arrays Detected by Resonant Inelastic Light Scattering. <i>Nano Letters</i> , 2007, 7, 476-479.	9.1	46
4	Fluorescence enhancement in colloidal semiconductor nanocrystals by metallic nanopatterns. <i>Sensors and Actuators B: Chemical</i> , 2007, 126, 187-192.	7.8	34
5	Polyelectrolyte Capsules as Carriers for Growth Factor Inhibitor Delivery to Hepatocellular Carcinoma. <i>Macromolecular Bioscience</i> , 2012, 12, 656-665.	4.1	24
6	A nanobiosensor to detect single hybridization events. <i>Analyst, The</i> , 2009, 134, 2458.	3.5	21
7	Nano-scaled Biomolecular Field-Effect Transistors: Prototypes and Evaluations. <i>Electroanalysis</i> , 2004, 16, 1853-1862.	2.9	15
8	Multilayered Polyelectrolyte Capsules and Coated Colloids: Cytotoxicity and Uptake by Cancer Cells. <i>Science of Advanced Materials</i> , 2010, 2, 138-150.	0.7	15
9	The fabrication of sub-10 nm planar electrodes and their use for a molecule-based transistor. <i>Nanotechnology</i> , 2004, 15, 807-811.	2.6	14
10	Charge transport in disordered films of non-redox proteins. <i>Journal of Chemical Physics</i> , 2006, 125, 021103.	3.0	7
11	Micro/Nanoscale Parallel Patterning of Functional Biomolecules, Organic Fluorophores and Colloidal Nanocrystals. <i>Nanoscale Research Letters</i> , 2009, 4, 1222-1229.	5.7	7
12	Fabrication of sub-10 nm planar nanotips for transport experiments of biomolecules. <i>Materials Science and Engineering C</i> , 2003, 23, 889-892.	7.3	3
13	Fabrication and transport of large-scale molecular tunnel-junction arrays. <i>Microelectronic Engineering</i> , 2007, 84, 1585-1588.	2.4	3
14	Disposable plastic microreactors for genomic analyses. <i>Biomedical Microdevices</i> , 2009, 11, 1289-1295.	2.8	3
15	Electron beam and mechanical lithographies as enabling factors for organic-based device fabrication. <i>Materials Science and Engineering C</i> , 2005, 25, 848-852.	7.3	2
16	Interconnection of specific nano-objects by electron beam lithography "A controllable method. <i>Materials Science and Engineering C</i> , 2008, 28, 299-302.	7.3	2
17	Correction for del Mercato <i>et al.</i> , Charge transport and intrinsic fluorescence in amyloid-like fibrils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6208-6208.	7.1	2
18	High-Sensitive Ultrathin Negative Electron Beam Resist Based on Langmuir-Blodgett Films of Polycyanoacrylate. <i>Japanese Journal of Applied Physics</i> , 2004, 43, 3984-3985.	1.5	1

#	ARTICLE	IF	CITATIONS
19	Interconnecting single nano-objects on surfaces for transport experiments. Journal of Vacuum Science & Technology B, 2006, 24, 2765.	1.3	1