

# Mirko Maturi

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

340  
citations

932766

10  
h-index

839053

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

465  
citing authors

#	ARTICLE	IF	CITATIONS
1	&lt;p&gt;Surface-Modified Nanocellulose for Application in Biomedical Engineering and Nanomedicine: A Review&lt;/p&gt;. International Journal of Nanomedicine, 2020, Volume 15, 9909-9937.	3.3	64
2	Soft Piezoionic/Piezoelectric Nanocomposites Based on Ionogel/BaTiO <sub>3</sub> Nanoparticles for Low Frequency and Directional Discriminative Pressure Sensing. ACS Macro Letters, 2019, 8, 414-420.	2.3	53
3	Current concepts in nanostructured contrast media development for <i>in vivo</i> photoacoustic imaging. Biomaterials Science, 2019, 7, 1746-1775.	2.6	40
4	&lt;p&gt;A novel theranostic gold nanorods- and Adriamycin-loaded micelle for EpCAM targeting, laser ablation, and photoacoustic imaging of cancer stem cells in hepatocellular carcinoma&lt;/p&gt;. International Journal of Nanomedicine, 2019, Volume 14, 1877-1892.	3.3	36
5	Zein as a versatile biopolymer: different shapes for different biomedical applications. RSC Advances, 2021, 11, 39004-39026.	1.7	32
6	Phosphorescent bio-based resin for digital light processing (DLP) 3D-printing. Green Chemistry, 2020, 22, 6212-6224.	4.6	29
7	Synthesis of Ultrasmall Single-Crystal Gold-Silver Alloy Nanotriangles and Their Application in Photothermal Therapy. Nanomaterials, 2021, 11, 912.	1.9	14
8	Surface modification of nanocellulose through carbamate link for a selective release of chemotherapeutics. Cellulose, 2020, 27, 8503-8511.	2.4	11
9	Surface-Stabilization of Ultrathin Gold Nanowires for Capacitive Sensors in Flexible Electronics. ACS Applied Nano Materials, 2021, 4, 8668-8673.	2.4	11
10	Biocompatible pectin-based hybrid hydrogels for tissue engineering applications. New Journal of Chemistry, 2021, 45, 22386-22395.	1.4	11
11	Smart assembly of Mn-ferrites/silica core-shell with fluorescein and gold nanorods: robust and stable nanomicelles for <i>in vivo</i> triple modality imaging. Journal of Materials Chemistry B, 2018, 6, 2993-2999.	2.9	9
12	A numerical study to investigate the effects of tumour position on the treatment of bladder cancer in mice using gold nanorods assisted photothermal ablation. Computers in Biology and Medicine, 2021, 138, 104881.	3.9	9
13	Itaconic-Acid-Based Sustainable Poly(ester amide) Resin for Stereolithography. Macromolecules, 2022, 55, 3087-3095.	2.2	8
14	The DnaE polymerase from <i>Deinococcus radiodurans</i> features RecA-dependent DNA polymerase activity. Bioscience Reports, 2016, 36, .	1.1	5
15	QUANTITATIVE SPECTRAL ELECTROMECHANICAL CHARACTERIZATION OF SOFT PIEZOELECTRIC NANOCOMPOSITES. Sensors and Actuators A: Physical, 2021, 332, 113196.	2.0	3
16	Phosphorescent iridium-containing nanomicelles: synthesis, characterization and preliminary applications in nanomedical imaging. RSC Advances, 2018, 8, 34162-34167.	1.7	2
17	An Application of Multivariate Data Analysis to Photoacoustic Imaging for the Spectral Unmixing of Gold Nanorods in Biological Tissues. Nanomaterials, 2021, 11, 142.	1.9	2
18	Photoluminescent decoration of iron oxide magnetic nanoparticles for dual-imaging applications. Journal of Nanoparticle Research, 2018, 20, 1.	0.8	1