

Valentina Onesto

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29 papers	317 citations	9 h-index	16 g-index
33 ext. papers	542 ext. citations	5.8 avg, IF	3.79 L-index

#	Paper	IF	Citations
29	Progress in Microneedle-Mediated Protein Delivery. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	52
28	Nano-topography Enhances Communication in Neural Cells Networks. <i>Scientific Reports</i> , 2017 , 7, 9841	4.9	35
27	Recent advances in the formulation of PLGA microparticles for controlled drug delivery. <i>Progress in Biomaterials</i> , 2020 , 9, 153-174	4.4	34
26	Stimuli-responsive transdermal microneedle patches. <i>Materials Today</i> , 2021 , 47, 206-222	21.8	33
25	Superhydrophobic lab-on-chip measures secretome protonation state and provides a personalized risk assessment of sporadic tumour. <i>Npj Precision Oncology</i> , 2018 , 2, 26	9.8	16
24	Silica diatom shells tailored with Au nanoparticles enable sensitive analysis of molecules for biological, safety and environment applications. <i>Nanoscale Research Letters</i> , 2018 , 13, 94	5	15
23	Recent advances in bioprinting technologies for engineering cardiac tissue. <i>Materials Science and Engineering C</i> , 2021 , 124, 112057	8.3	14
22	Tunable Release of Curcumin with an In Silico-Supported Approach from Mixtures of Highly Porous PLGA Microparticles. <i>Materials</i> , 2020 , 13,	3.5	12
21	Engineered PLGA-PVP/VA based formulations to produce electro-drawn fast biodegradable microneedles for labile biomolecule delivery. <i>Progress in Biomaterials</i> , 2020 , 9, 203-217	4.4	12
20	Cortical-like mini-columns of neuronal cells on zinc oxide nanowire surfaces. <i>Scientific Reports</i> , 2019 , 9, 4021	4.9	9
19	Information in a Network of Neuronal Cells: Effect of Cell Density and Short-Term Depression. <i>BioMed Research International</i> , 2016 , 2016, 2769698	3	9
18	Self-Assembling Peptides: From Design to Biomedical Applications. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	8
17	Experimental and theoretical study of biodirected green synthesis of gold nanoflowers. <i>Materials Today Chemistry</i> , 2019 , 14, 100203	6.2	8
16	Relating the rate of growth of metal nanoparticles to cluster size distribution in electroless deposition. <i>Nanoscale Advances</i> , 2019 , 1, 228-240	5.1	7
15	The effect of connectivity on information in neural networks. <i>Integrative Biology (United Kingdom)</i> , 2018 , 10, 121-127	3.7	6
14	A theoretical and experimental study on l-tyrosine and citrate mediated sustainable production of near infrared absorbing twisted gold nanorods. <i>Materials Science and Engineering C</i> , 2021 , 118, 111515	8.3	6
13	Engineering biomimetic intestinal topological features in 3D tissue models: retrospects and prospects. <i>Bio-Design and Manufacturing</i> , 2021 , 4, 568-595	4.7	5

12	Engineered herbal scaffolds for tissue repair and regeneration: Recent trends and technologies. <i>Biomedical Engineering Advances</i> , 2021 , 2, 100015		5
11	Transforming diatomaceous earth into sensing devices by surface modification with gold nanoparticles. <i>Micro and Nano Engineering</i> , 2019 , 2, 29-34	3.4	4
10	Small-world networks of neuroblastoma cells cultured in three-dimensional polymeric scaffolds featuring multi-scale roughness. <i>Neural Regeneration Research</i> , 2020 , 15, 759-768	4.5	4
9	Recent advances in bioprinting technologies for engineering hepatic tissue. <i>Materials Science and Engineering C</i> , 2021 , 123, 112013	8.3	4
8	Kinetic Rate Constants of Gold Nanoparticle Deposition on Silicon. <i>Langmuir</i> , 2019 , 35, 14258-14265	4	3
7	Cell Theranostics on Mesoporous Silicon Substrates. <i>Pharmaceutics</i> , 2020 , 12,	6.4	3
6	Experimental and Theoretical Studies on Sustainable Synthesis of Gold Sol Displaying Dichroic Effect. <i>Nanomaterials</i> , 2021 , 11,	5.4	3
5	Co-loading of doxorubicin and iron oxide nanocubes in polycaprolactone fibers for combining Magneto-Thermal and chemotherapeutic effects on cancer cells. <i>Journal of Colloid and Interface Science</i> , 2022 , 607, 34-44	9.3	3
4	Relating the small world coefficient to the entropy of 2D networks and applications in neuromorphic engineering. <i>Journal of Physics Communications</i> , 2019 , 3, 095011	1.2	2
3	A quantitative approach for determining the role of geometrical constraints when shaping mesenchymal condensations. <i>Biomedical Microdevices</i> , 2019 , 21, 44	3.7	1
2	The small world coefficient 4.8 ± 1 optimizes information processing in 2D neuronal networks.. <i>Npj Systems Biology and Applications</i> , 2022 , 8, 4	5	0
1	Nanoscaffolds for neural regenerative medicine 2020 , 47-88		0