

Silvia Tortorella

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

442
citations

932766

10
h-index

996533

15
g-index

16
all docs

16
docs citations

16
times ranked

703
citing authors

#	ARTICLE	IF	CITATIONS
1	Fatty Acids in Membranes as Homeostatic, Metabolic and Nutritional Biomarkers: Recent Advancements in Analytics and Diagnostics. <i>Diagnostics</i> , 2017, 7, 1.	1.3	102
2	Electrolyte-gated organic synapse transistor interfaced with neurons. <i>Organic Electronics</i> , 2016, 38, 21-28.	1.4	69
3	<p>Surface-Modified Nanocellulose for Application in Biomedical Engineering and Nanomedicine: A Review</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 9909-9937.	3.3	64
4	Optimizing cisplatin delivery to triple-negative breast cancer through novel EGFR aptamer-conjugated polymeric nanovectors. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 239.	3.5	47
5	Zein as a versatile biopolymer: different shapes for different biomedical applications. <i>RSC Advances</i> , 2021, 11, 39004-39026.	1.7	32
6	Phosphorescent bio-based resin for digital light processing (DLP) 3D-printing. <i>Green Chemistry</i> , 2020, 22, 6212-6224.	4.6	29
7	In situ nanomechanical characterization of the early stages of swelling and degradation of a biodegradable polymer. <i>Nanoscale</i> , 2015, 7, 5403-5410.	2.8	16
8	Synaptic interactions between perifornical lateral hypothalamic area, locus coeruleus nucleus and the oral pontine reticular nucleus are implicated in the stage succession during sleep-wakefulness cycle. <i>Frontiers in Neuroscience</i> , 2013, 7, 216.	1.4	15
9	Synthesis of Ultrasmall Single-Crystal Gold-Silver Alloy Nanotriangles and Their Application in Photothermal Therapy. <i>Nanomaterials</i> , 2021, 11, 912.	1.9	14
10	Laser Assisted Bioprinting of laminin on biodegradable PLGA substrates: Effect on neural stem cell adhesion and differentiation. <i>Bioprinting</i> , 2022, 26, e00194.	2.9	14
11	Nanotechnology for forensic sciences: Analysis of PDMS replica of the case head of spent cartridges by optical microscopy, SEM and AFM for the ballistic identification of individual characteristic features of firearms. <i>Forensic Science International</i> , 2012, 222, 288-297.	1.3	11
12	Surface modification of nanocellulose through carbamate link for a selective release of chemotherapeutics. <i>Cellulose</i> , 2020, 27, 8503-8511.	2.4	11
13	Biocompatible pectin-based hybrid hydrogels for tissue engineering applications. <i>New Journal of Chemistry</i> , 2021, 45, 22386-22395.	1.4	11
14	Amphiphilic cationic cyclodextrin nanovesicles: a versatile cue for guiding cell adhesion. <i>Nanoscale Advances</i> , 2020, 2, 5897-5904.	2.2	4
15	The Entrapment of Somatostatin in a Lipid Formulation: Retarded Release and Free Radical Reactivity. <i>Molecules</i> , 2019, 24, 3085.	1.7	3