

Rodrigo Madurga

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.

27
papers

427
citations

13
h-index

20
g-index

27
ext. papers

631
ext. citations

7.3
avg, IF

3.8
L-index

#	Paper	IF	Citations
27	Safety and tolerability of silk fibroin hydrogels implanted into the mouse brain. <i>Acta Biomaterialia</i> , 2016 , 45, 262-275	10.8	63
26	Persistence and variation in microstructural design during the evolution of spider silk. <i>Scientific Reports</i> , 2015 , 5, 14820	4.9	35
25	Seroprevalence of SARS-CoV-2 antibodies in over 6000 healthcare workers in Spain. <i>International Journal of Epidemiology</i> , 2021 , 50, 400-409	7.8	28
24	Production of High Performance Bioinspired Silk Fibers by Straining Flow Spinning. <i>Biomacromolecules</i> , 2017 , 18, 1127-1133	6.9	27
23	Material properties of evolutionary diverse spider silks described by variation in a single structural parameter. <i>Scientific Reports</i> , 2016 , 6, 18991	4.9	25
22	The apparent variability of silkworm (<i>Bombyx mori</i>) silk and its relationship with degumming. <i>European Polymer Journal</i> , 2016 , 78, 129-140	5.2	25
21	Identification and dynamics of polyglycine II nanocrystals in <i>Argiope trifasciata</i> flagelliform silk. <i>Scientific Reports</i> , 2013 , 3, 3061	4.9	24
20	Polyethylene glycol improves current methods for circulating extracellular vesicle-derived DNA isolation. <i>Journal of Translational Medicine</i> , 2019 , 17, 75	8.5	23
19	V600E Detection in Liquid Biopsies from Pediatric Central Nervous System Tumors. <i>Cancers</i> , 2019 , 12,	6.6	17
18	Beyond the Warburg Effect: Oxidative and Glycolytic Phenotypes Coexist within the Metabolic Heterogeneity of Glioblastoma. <i>Cells</i> , 2021 , 10,	7.9	16
17	Comparison of the effects of post-spinning drawing and wet stretching on regenerated silk fibers produced through straining flow spinning. <i>Polymer</i> , 2018 , 150, 311-317	3.9	14
16	Straining flow spinning: production of regenerated silk fibers under a wide range of mild coagulating chemistries. <i>Green Chemistry</i> , 2017 , 19, 3380-3389	10	14
15	kinetics of anti-SARS-CoV-2 antibodies over time. Results of 10 month follow up in over 300 seropositive Health Care Workers. <i>European Journal of Internal Medicine</i> , 2021 , 89, 97-103	3.9	14
14	Emergence of supercontraction in regenerated silkworm (<i>Bombyx mori</i>) silk fibers. <i>Scientific Reports</i> , 2019 , 9, 2398	4.9	11
13	Newcastle Disease Virus (NDV) Oncolytic Activity in Human Glioma Tumors Is Dependent on CDKN2A-Type I IFN Gene Cluster Codeletion. <i>Cells</i> , 2020 , 9,	7.9	11
12	Behavioural immune landscapes of inflammation.. <i>Nature</i> , 2022 ,	50.4	11
11	Risk Score for Predicting In-Hospital Mortality in COVID-19 (RIM Score). <i>Diagnostics</i> , 2021 , 11,	3.8	11

10	Mechanical behaviour and formation process of silkworm silk gut. <i>Soft Matter</i> , 2015 , 11, 8981-91	3.6	10
9	Straining Flow Spinning of Artificial Silk Fibers: A Review. <i>Biomimetics</i> , 2018 , 3,	3.7	10
8	Spider silk gut: development and characterization of a novel strong spider silk fiber. <i>Scientific Reports</i> , 2014 , 4, 7326	4.9	8
7	Hemogram as marker of in-hospital mortality in COVID-19. <i>Journal of Investigative Medicine</i> , 2021 , 69, 962-969	2.9	8
6	Straining flow spinning: Simplified model of a bioinspired process to mass produce regenerated silk fibers controllably. <i>European Polymer Journal</i> , 2017 , 97, 26-39	5.2	7
5	Influence of medium viscosity and intracellular environment on the magnetization of superparamagnetic nanoparticles in silk fibroin solutions and 3T3 mouse fibroblast cell cultures. <i>Nanotechnology</i> , 2018 , 29, 385705	3.4	4
4	Production of regenerated silkworm silk fibers from aqueous dopes through straining flow spinning. <i>Textile Reseach Journal</i> , 2019 , 89, 4554-4567	1.7	3
3	Unravelling glioblastoma heterogeneity by means of single-cell RNA sequencing.. <i>Cancer Letters</i> , 2021 , 527, 66-79	9.9	3
2	Hemogram-derived ratios as prognostic markers of ICU admission in COVID-19. <i>BMC Emergency Medicine</i> , 2021 , 21, 89	2.4	3
1	Normal tissue content impact on the GBM molecular classification. <i>Briefings in Bioinformatics</i> , 2021 , 22,	13.4	2