

Miryam Criado-Gonzalez

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.

28

papers

332

citations

13

h-index

17

g-index

30

ext. papers

489

ext. citations

7

avg, IF

3.73

L-index

#	Paper	IF	Citations
28	Novel hydrogels of chitosan and poly(vinyl alcohol)-g-glycolic acid copolymer with enhanced rheological properties. <i>Carbohydrate Polymers</i> , 2014 , 103, 267-73	10.3	37
27	Local and controlled release of tamoxifen from multi (layer-by-layer) alginate/chitosan complex systems. <i>Carbohydrate Polymers</i> , 2019 , 206, 428-434	10.3	32
26	Pretreatment of urine samples with SDS improves direct identification of urinary tract pathogens with matrix-assisted laser desorption ionization-time of flight mass spectrometry. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 335-8	9.7	24
25	Supported Catalytically Active Supramolecular Hydrogels for Continuous Flow Chemistry. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 18817-18822	16.4	23
24	Quantitative Nanomechanical Properties of Multilayer Films Made of Polysaccharides through Spray Assisted Layer-by-Layer Assembly. <i>Biomacromolecules</i> , 2017 , 18, 169-177	6.9	19
23	Supramolecular Hydrogel Induced by Electrostatic Interactions between Polycation and Phosphorylated-Fmoc-Tripeptide. <i>Chemistry of Materials</i> , 2020 , 32, 1946-1956	9.6	19
22	Deswelling of Poly(N-isopropylacrylamide) Derived Hydrogels and Their Nanocomposites with Iron Oxide Nanoparticles As Revealed by X-ray Photon Correlation Spectroscopy. <i>Macromolecules</i> , 2015 , 48, 393-399	5.5	17
21	Autonomous Growth of a Spatially Localized Supramolecular Hydrogel with Autocatalytic Ability. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 14558-14563	16.4	17
20	Additive Manufacturing of Conducting Polymers: Recent Advances, Challenges, and Opportunities. <i>ACS Applied Polymer Materials</i> , 2021 , 3, 2865-2883	4.3	17
19	Enzyme-assisted self-assembly within a hydrogel induced by peptide diffusion. <i>Chemical Communications</i> , 2019 , 55, 1156-1159	5.8	15
18	Phase Separation in Supramolecular Hydrogels Based on Peptide Self-Assembly from Enzyme-Coated Nanoparticles. <i>Langmuir</i> , 2019 , 35, 10838-10845	4	14
17	Protein-induced low molecular weight hydrogelator self-assembly through a self-sustaining process. <i>Chemical Science</i> , 2019 , 10, 4761-4766	9.4	13
16	Surface Triggered Self-Assembly of Fmoc-Tripeptide as an Antibacterial Coating. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 938	5.8	13
15	Double-membrane thermoresponsive hydrogels from gelatin and chondroitin sulphate with enhanced mechanical properties. <i>RSC Advances</i> , 2016 , 6, 105821-105826	3.7	12
14	Enzyme assisted peptide self-assemblies trigger cell adhesion in high density oxime based host gels. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 4419-4427	7.3	9
13	Photoresponsive Nanometer-Scale Iron Alginate Hydrogels: A Study of Gel-Sol Transition Using a Quartz Crystal Microbalance. <i>Langmuir</i> , 2019 , 35, 11397-11405	4	8
12	Polyelectrolyte Multilayer Films Based on Natural Polymers: From Fundamentals to Bio-Applications. <i>Polymers</i> , 2021 , 13,	4.5	7

11	Magnetically responsive biopolymeric multilayer films for local hyperthermia. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 8570-8578	7.3	5
10	Supported Catalytically Active Supramolecular Hydrogels for Continuous Flow Chemistry. <i>Angewandte Chemie</i> , 2019 , 131, 18993-18998	3.6	5
9	Autonomous Growth of a Spatially Localized Supramolecular Hydrogel with Autocatalytic Ability. <i>Angewandte Chemie</i> , 2020 , 132, 14666-14671	3.6	4
8	Peptide Hydrogels Assembled from Enzyme-Adsorbed Mesoporous Silica Nanostructures for Thermoresponsive Doxorubicin Release. <i>ACS Applied Nano Materials</i> , 2022 , 5, 120-125	5.6	4
7	Supramolecular tripeptide self-assembly initiated at the surface of coacervates by polyelectrolyte exchange. <i>Journal of Colloid and Interface Science</i> , 2021 , 588, 580-588	9.3	4
6	Localized Enzyme-Assisted Self-Assembly in the Presence of Hyaluronic Acid for Hybrid Supramolecular Hydrogel Coating. <i>Polymers</i> , 2021 , 13,	4.5	4
5	Injectable Tripeptide/Polymer Nanoparticles Supramolecular Hydrogel: A Candidate for the Treatment of Inflammatory Pathologies.. <i>ACS Applied Materials & Interfaces</i> , 2022 , 14, 10068-10080	9.5	3
4	Electroactive 3D printable poly(3,4-ethylenedioxythiophene)-graft-poly(ϵ -caprolactone) copolymers as scaffolds for muscle cell alignment. <i>Polymer Chemistry</i> , 2021 , 13, 109-120	4.9	1
3	Optimization of the Rheological Properties of Self-Assembled Tripeptide/Alginate/Cellulose Hydrogels for 3D Printing. <i>Polymers</i> , 2022 , 14, 2229	4.5	1
2	Near-infrared Responsive Nanocomposite Hydrogels Made from Enzyme-Coated Carbon Nanotubes@ Large Pore Mesoporous Silica for Remotely Triggered Drug Delivery. <i>Materialia</i> , 2022 , 101414	2.2	0
1	Non-monotonous enzyme-assisted self-assembly profiles resulting from reaction-diffusion processes in host gels.. <i>Journal of Colloid and Interface Science</i> , 2022 , 620, 234-241	9.3	0