

Miryam Criado-Gonzalez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5030318/publications.pdf>

Version: 2024-02-01

30
papers

668
citations

471061

17
h-index

580395

25
g-index

30
all docs

30
docs citations

30
times ranked

720
citing authors

#	ARTICLE	IF	CITATIONS
1	Additive Manufacturing of Conducting Polymers: Recent Advances, Challenges, and Opportunities. ACS Applied Polymer Materials, 2021, 3, 2865-2883.	2.0	62
2	Novel hydrogels of chitosan and poly(vinyl alcohol)-g-glycolic acid copolymer with enhanced rheological properties. Carbohydrate Polymers, 2014, 103, 267-273.	5.1	47
3	Local and controlled release of tamoxifen from multi (layer-by-layer) alginate/chitosan complex systems. Carbohydrate Polymers, 2019, 206, 428-434.	5.1	46
4	Supramolecular Hydrogel Induced by Electrostatic Interactions between Polycation and Phosphorylated-Fmoc-Tripeptide. Chemistry of Materials, 2020, 32, 1946-1956.	3.2	43
5	Polyelectrolyte Multilayer Films Based on Natural Polymers: From Fundamentals to Bio-Applications. Polymers, 2021, 13, 2254.	2.0	35
6	Supported Catalytically Active Supramolecular Hydrogels for Continuous Flow Chemistry. Angewandte Chemie - International Edition, 2019, 58, 18817-18822.	7.2	34
7	Thioether-based ROS responsive polymers for biomedical applications. Journal of Materials Chemistry B, 2022, 10, 7206-7221.	2.9	32
8	Enzyme-assisted self-assembly within a hydrogel induced by peptide diffusion. Chemical Communications, 2019, 55, 1156-1159.	2.2	29
9	Pretreatment of Urine Samples with SDS Improves Direct Identification of Urinary Tract Pathogens with Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry. Journal of Clinical Microbiology, 2014, 52, 335-338.	1.8	28
10	Natural Deep Eutectic Solvents Based on Choline Chloride and Phenolic Compounds as Efficient Bioadhesives and Corrosion Protectors. ACS Sustainable Chemistry and Engineering, 2022, 10, 8135-8142.	3.2	27
11	Quantitative Nanomechanical Properties of Multilayer Films Made of Polysaccharides through Spray Assisted Layer-by-Layer Assembly. Biomacromolecules, 2017, 18, 169-177.	2.6	24
12	Autonomous Growth of a Spatially Localized Supramolecular Hydrogel with Autocatalytic Ability. Angewandte Chemie - International Edition, 2020, 59, 14558-14563.	7.2	21
13	Phase Separation in Supramolecular Hydrogels Based on Peptide Self-Assembly from Enzyme-Coated Nanoparticles. Langmuir, 2019, 35, 10838-10845.	1.6	20
14	Surface Triggered Self-Assembly of Fmoc-Tripeptide as an Antibacterial Coating. Frontiers in Bioengineering and Biotechnology, 2020, 8, 938.	2.0	19
15	Electroactive 3D printable poly(3,4-ethylenedioxythiophene)- <i>graft</i> -poly(μ -caprolactone) copolymers as scaffolds for muscle cell alignment. Polymer Chemistry, 2021, 13, 109-120.	1.9	19
16	Optimization of the Rheological Properties of Self-Assembled Tripeptide/Alginate/Cellulose Hydrogels for 3D Printing. Polymers, 2022, 14, 2229.	2.0	19
17	Deswelling of Poly(<i>N</i> -isopropylacrylamide) Derived Hydrogels and Their Nanocomposites with Iron Oxide Nanoparticles As Revealed by X-ray Photon Correlation Spectroscopy. Macromolecules, 2015, 48, 393-399.	2.2	18
18	Double-membrane thermoresponsive hydrogels from gelatin and chondroitin sulphate with enhanced mechanical properties. RSC Advances, 2016, 6, 105821-105826.	1.7	18

#	ARTICLE	IF	CITATIONS
19	Photoresponsive Nanometer-Scale Iron Alginate Hydrogels: A Study of Gel-Sol Transition Using a Quartz Crystal Microbalance. <i>Langmuir</i> , 2019, 35, 11397-11405.	1.6	18
20	Protein-induced low molecular weight hydrogelator self-assembly through a self-sustaining process. <i>Chemical Science</i> , 2019, 10, 4761-4766.	3.7	17
21	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.	2.9	15
22	Peptide Hydrogels Assembled from Enzyme-Adsorbed Mesoporous Silica Nanostructures for Thermoresponsive Doxorubicin Release. <i>ACS Applied Nano Materials</i> , 2022, 5, 120-125.	2.4	14
23	Injectable Tripeptide/Polymer Nanoparticles Supramolecular Hydrogel: A Candidate for the Treatment of Inflammatory Pathologies. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 10068-10080.	4.0	12
24	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.	5.0	10
25	Localized Enzyme-Assisted Self-Assembly in the Presence of Hyaluronic Acid for Hybrid Supramolecular Hydrogel Coating. <i>Polymers</i> , 2021, 13, 1793.	2.0	10
26	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.	5.0	9
27	Magnetically responsive biopolymeric multilayer films for local hyperthermia. <i>Journal of Materials Chemistry B</i> , 2017, 5, 8570-8578.	2.9	8
28	Supported Catalytically Active Supramolecular Hydrogels for Continuous Flow Chemistry. <i>Angewandte Chemie</i> , 2019, 131, 18993-18998.	1.6	5
29	Near-infrared responsive nanocomposite hydrogels made from enzyme-coated carbon nanotubes@ large pore mesoporous silica for remotely triggered drug delivery. <i>Materialia</i> , 2022, 22, 101414.	1.3	5
30	Autonomous Growth of a Spatially Localized Supramolecular Hydrogel with Autocatalytic Ability. <i>Angewandte Chemie</i> , 2020, 132, 14666-14671.	1.6	4