

# Jorge Delgado

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

369  
citations

840776

11  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

417  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coupled oscillations in a 1D emulsion of Belousovâ€Zhabotinsky droplets. <i>Soft Matter</i> , 2011, 7, 3155.	2.7	62
2	Combined excitatory and inhibitory coupling in a 1-D array of Belousovâ€Zhabotinsky droplets. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 10965-10978.	2.8	45
3	Post-Self-Assembly Cross-Linking of Molecular Nanofibers for Oscillatory Hydrogels. <i>Langmuir</i> , 2012, 28, 3063-3066.	3.5	41
4	Influence of residual composition on the structure and properties of extracellular matrix derived hydrogels. <i>Materials Science and Engineering C</i> , 2017, 79, 793-801.	7.3	39
5	Shear-induced structures formed during thixotropic loops in dilute worm-micelle solutions. <i>Journal of Colloid and Interface Science</i> , 2007, 312, 481-488.	9.4	32
6	A new method for the preparation of biomedical hydrogels comprised of extracellular matrix and oligourethanes. <i>Biomedical Materials (Bristol)</i> , 2016, 11, 035016.	3.3	27
7	Terpyridine- and Bipyridine-Based Ruthenium Complexes as Catalysts for the Belousovâ€Zhabotinsky Reaction. <i>Journal of Physical Chemistry A</i> , 2011, 115, 2208-2215.	2.5	25
8	Improved properties of composite collagen hydrogels: protected oligourethanes and silica particles as modulators. <i>Journal of Materials Chemistry B</i> , 2016, 4, 6497-6509.	5.8	21
9	Structural modulation of self-oscillating gels: changing the proximity of the catalyst to the polymer backbone to tailor chemomechanical oscillation. <i>Soft Matter</i> , 2012, 8, 7056.	2.7	19
10	Design of Silicaâ€Oligourethaneâ€Collagen Membranes for Inflammatory Response Modulation: Characterization and Polarization of a Macrophage Cell Line. <i>Macromolecular Bioscience</i> , 2018, 18, e1800099.	4.1	16
11	Flow Velocity Profiles and Shear Banding Onset in a Semidilute Wormlike Micellar System under Couette Flow. <i>Journal of Physical Chemistry B</i> , 2009, 113, 15485-15494.	2.6	14
12	Decellularized ECM-Derived Hydrogels: Modification and Properties. , 0, , .		11
13	Gel dressing based on type I collagen modified with oligourethane and silica for skin wound healing. <i>Biomedical Materials (Bristol)</i> , 2022, 17, 045005.	3.3	7
14	Development and characterization of an immunomodulatory and injectable system composed of collagen modified with trifunctional oligourethanes and silica. <i>Biomaterials Science</i> , 2019, 7, 4547-4557.	5.4	5
15	Micellar entanglement and its relation to the elastic behavior of wormlike micelle fluids. <i>Journal of Colloid and Interface Science</i> , 2022, 626, 1015-1027.	9.4	5