

# Clara R Correia

## List of Publications by Year in Descending Order

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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.

38  
papers

993  
citations

17  
h-index

31  
g-index

43  
ext. papers

1,236  
ext. citations

8.1  
avg, IF

4.55  
L-index

#	Paper	IF	Citations
38	Capacitive interdigitated system of high osteoinductive/conductive performance for personalized acting-sensing implants. <i>Npj Regenerative Medicine</i> , <b>2021</b> , 6, 80	15.8	3
37	Oxygen releasing materials: Towards addressing the hypoxia-related issues in tissue engineering. <i>Materials Science and Engineering C</i> , <b>2021</b> , 122, 111896	8.3	15
36	Minimalist Tissue Engineering Approaches Using Low Material-Based Bioengineered Systems. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2002110	10.1	6
35	The Therapeutic Potential of Hematopoietic Stem Cells in Bone Regeneration. <i>Tissue Engineering - Part B: Reviews</i> , <b>2021</b> ,	7.9	1
34	One-Step All-Aqueous Interfacial Assembly of Robust Membranes for Long-Term Encapsulation and Culture of Adherent Stem/Stromal Cells. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2100266	10.1	3
33	3D-Bioprinted Constructs that Breathe. <i>Matter</i> , <b>2021</b> , 4, 15-17	12.7	2
32	An Immunomodulatory Miniaturized 3D Screening Platform Using Liquefied Capsules. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2001993	10.1	2
31	Fabrication of Artificial Nanobasement Membranes for Cell Compartmentalization in 3D Tissues. <i>Small</i> , <b>2020</b> , 16, e1907434	11	9
30	Cell Behavior within Nanogrooved Sandwich Culture Systems. <i>Small</i> , <b>2020</b> , 16, e2001975	11	4
29	Cell Encapsulation Systems Toward Modular Tissue Regeneration: From Immunoisolation to Multifunctional Devices. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1908061	15.6	16
28	Geometrically Controlled Liquefied Capsules for Modular Tissue Engineering Strategies. <i>Advanced Biology</i> , <b>2020</b> , 4, e2000127	3.5	5
27	In Situ Cross-Linking of Artificial Basement Membranes in 3D Tissues and Their Size-Dependent Molecular Permeability. <i>Biomacromolecules</i> , <b>2020</b> , 21, 4923-4932	6.9	1
26	Oxidized Cashew Gum Scaffolds for Tissue Engineering. <i>Macromolecular Materials and Engineering</i> , <b>2019</b> , 304, 1800574	3.9	17
25	Cell encapsulation in liquified compartments: Protocol optimization and challenges. <i>PLoS ONE</i> , <b>2019</b> , 14, e0218045	3.7	10
24	Physical immobilization of particles inspired by pollination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 5405-5410	11.5	3
23	Nanogrooved microdiscs for bottom-up modulation of osteogenic differentiation. <i>Nanoscale</i> , <b>2019</b> , 11, 16214-16221	7.7	10
22	Liquefied Microcapsules as Dual-Microcarriers for 3D+3D Bottom-Up Tissue Engineering. <i>Advanced Healthcare Materials</i> , <b>2019</b> , 8, e1901221	10.1	13

21	Dynamic microfactories co-encapsulating osteoblastic and adipose-derived stromal cells for the biofabrication of bone units. <i>Biofabrication</i> , <b>2019</b> , 12, 015005	10.5	17
20	Design Principles and Multifunctionality in Cell Encapsulation Systems for Tissue Regeneration. <i>Advanced Healthcare Materials</i> , <b>2018</b> , 7, e1701444	10.1	12
19	The influence of surface modified poly(l-lactic acid) films on the differentiation of human monocytes into macrophages. <i>Biomaterials Science</i> , <b>2017</b> , 5, 551-560	7.4	18
18	In vivo osteogenic differentiation of stem cells inside compartmentalized capsules loaded with co-cultured endothelial cells. <i>Acta Biomaterialia</i> , <b>2017</b> , 53, 483-494	10.8	20
17	Semipermeable Capsules Wrapping a Multifunctional and Self-regulated Co-culture Microenvironment for Osteogenic Differentiation. <i>Scientific Reports</i> , <b>2016</b> , 6, 21883	4.9	48
16	A Closed Chondromimetic Environment within Magnetic-Responsive Liquified Capsules Encapsulating Stem Cells and Collagen II/TGF- $\beta$ Microparticles. <i>Advanced Healthcare Materials</i> , <b>2016</b> , 5, 1346-55	10.1	24
15	Nanostructured Capsules for Cartilage Tissue Engineering. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1340, 181-9	1.4	4
14	Multiphasic, Multistructured and Hierarchical Strategies for Cartilage Regeneration. <i>Advances in Experimental Medicine and Biology</i> , <b>2015</b> , 881, 143-60	3.6	15
13	Liquid marbles for high-throughput biological screening of anchorage-dependent cells. <i>Advanced Healthcare Materials</i> , <b>2015</b> , 4, 264-70	10.1	32
12	Compartmentalized bioencapsulated liquefied 3D macro-construct by perfusion-based layer-by-layer technique. <i>RSC Advances</i> , <b>2015</b> , 5, 2511-2516	3.7	11
11	A novel hanging spherical drop system for the generation of cellular spheroids and high throughput combinatorial drug screening. <i>Biomaterials Science</i> , <b>2015</b> , 3, 581-5	7.4	58
10	Magnetically labeled cells with surface-modified Fe <sub>3</sub> O <sub>4</sub> spherical and rod-shaped magnetic nanoparticles for tissue engineering applications. <i>Advanced Healthcare Materials</i> , <b>2015</b> , 4, 883-91	10.1	29
9	Superhydrophobic chips for cell spheroids high-throughput generation and drug screening. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 9488-95	9.5	84
8	Sequential ionic and thermogelation of chitosan spherical hydrogels prepared using superhydrophobic surfaces to immobilize cells and drugs. <i>Journal of Bioactive and Compatible Polymers</i> , <b>2014</b> , 29, 50-65	2	17
7	Nanostructured polymeric coatings based on chitosan and dopamine-modified hyaluronic acid for biomedical applications. <i>Small</i> , <b>2014</b> , 10, 2459-69	11	131
6	Biomimetic Miniaturized Platform Able to Sustain Arrays of Liquid Droplets for High-Throughput Combinatorial Tests. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 5096-5103	15.6	50
5	Liquified chitosan/alginate multilayer capsules incorporating poly(L-lactic acid) microparticles as cell carriers. <i>Soft Matter</i> , <b>2013</b> , 9, 2125-2130	3.6	48
4	Adhesive nanostructured multilayer films using a bacterial exopolysaccharide for biomedical applications. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 2367-2374	7.3	63

3	Multilayered hierarchical capsules providing cell adhesion sites. <i>Biomacromolecules</i> , <b>2013</b> , 14, 743-51	6.9	65
2	Correction to Multilayered Hierarchical Capsules Providing Cell Adhesion Sites□ <i>Biomacromolecules</i> , <b>2013</b> , 14, 1250-1250	6.9	2
1	Chitosan scaffolds containing hyaluronic acid for cartilage tissue engineering. <i>Tissue Engineering - Part C: Methods</i> , <b>2011</b> , 17, 717-30	2.9	125