

# Lorenzo Bonetti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8964035/publications.pdf>

Version: 2024-02-01

12  
papers

289  
citations

1039406

9  
h-index

1199166

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

320  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biopolymer-based strategies in the design of smart medical devices and artificial organs. <i>International Journal of Artificial Organs</i> , 2018, 41, 337-359.	0.7	54
2	3D Printing of Thermo-Responsive Methylcellulose Hydrogels for Cell-Sheet Engineering. <i>Materials</i> , 2018, 11, 579.	1.3	54
3	Thermo-Responsive Methylcellulose Hydrogels: From Design to Applications as Smart Biomaterials. <i>Tissue Engineering - Part B: Reviews</i> , 2021, 27, 486-513.	2.5	47
4	3D printing of methylcellulose-based hydrogels. <i>Bioprinting</i> , 2018, 10, e00024.	2.9	45
5	Electrophoretic processing of chitosan based composite scaffolds with Nb-doped bioactive glass for bone tissue regeneration. <i>Journal of Materials Science: Materials in Medicine</i> , 2020, 31, 43.	1.7	20
6	Graphene nanoplatelets composite membranes for thermal comfort enhancement in performance textiles. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49645.	1.3	13
7	Smart Methylcellulose Hydrogels for pH-Triggered Delivery of Silver Nanoparticles. <i>Gels</i> , 2022, 8, 298.	2.1	13
8	Evaluation of the subtle trade-off between physical stability and thermo-responsiveness in crosslinked methylcellulose hydrogels. <i>Soft Matter</i> , 2020, 16, 5577-5587.	1.2	12
9	Chemically Crosslinked Methylcellulose Substrates for Cell Sheet Engineering. <i>Gels</i> , 2021, 7, 141.	2.1	11
10	In-situ Raman spectroscopy: An effective technique for the quantification of LCST transition of methylcellulose hydrogels. <i>Materials Letters</i> , 2020, 274, 128011.	1.3	8
11	Compounded topographical and physicochemical cueing by micro-engineered chitosan substrates on rat dorsal root ganglion neurons and human mesenchymal stem cells. <i>Soft Matter</i> , 2021, 17, 5284-5302.	1.2	7
12	Micro-Structured Patches for Dermal Regeneration Obtained via Electrophoretic Replica Deposition. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5010.	1.3	5