

# Jijo Thomas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4841873/publications.pdf>

Version: 2024-02-01

14  
papers

276  
citations

933447

10  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

253  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrical stimulation induced by a piezo-driven triboelectric nanogenerator and electroactive hydrogel composite, accelerate wound repair. <i>Nano Energy</i> , 2022, 99, 107419.	16.0	44
2	Polysaccharide-Based Hybrid Self-Healing Hydrogel Supports the Paracrine Response of Mesenchymal Stem Cells. <i>ACS Applied Bio Materials</i> , 2019, 2, 2013-2027.	4.6	35
3	In Situ Biosynthesized Superparamagnetic Iron Oxide Nanoparticles (SPIONS) Induce Efficient Hyperthermia in Cancer Cells. <i>ACS Applied Bio Materials</i> , 2020, 3, 779-788.	4.6	30
4	Tunable, conductive, self-healing, adhesive and injectable hydrogels for bioelectronics and tissue regeneration applications. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6260-6270.	5.8	29
5	Synthesis and Evaluation of a Zinc Eluting rGO/Hydroxyapatite Nanocomposite Optimized for Bone Augmentation. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 6710-6725.	5.2	27
6	Interaction of Carbon Dots with Endothelial Cells: Implications for Biomedical Applications. <i>ACS Applied Nano Materials</i> , 2019, 2, 5483-5491.	5.0	20
7	In-vitro and In-vivo evaluation of biocompatible and biodegradable calcium-modified carboxymethyl starch as a topical hemostat. <i>Materialia</i> , 2019, 7, 100373.	2.7	18
8	A bioinspired, ice-templated multifunctional 3D cryogel composite crosslinked through in situ reduction of GO displayed improved mechanical, osteogenic and antimicrobial properties. <i>Materials Science and Engineering C</i> , 2021, 119, 111584.	7.3	15
9	Mechanical Integrity in a Dynamic Interpenetrating Hydrogel Network of Supramolecular Peptide-Polysaccharide Supports Enhanced Chondrogenesis. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 5798-5809.	5.2	15
10	An injectable hydrogel having proteoglycan-like hierarchical structure supports chondrocytes delivery and chondrogenesis. <i>International Journal of Biological Macromolecules</i> , 2021, 190, 474-486.	7.5	13
11	Actin-binding carbon dots selectively target glioblastoma cells while sparing normal cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 200, 111572.	5.0	12
12	In-vitro and in-vivo evaluation of modified sodium starch glycolate for exploring its haemostatic potential. <i>Carbohydrate Polymers</i> , 2020, 235, 115975.	10.2	8
13	Gelatin Nanofibers Loaded with Zinc-Doped Hydroxyapatite for Osteogenic Differentiation of Mesenchymal Stem Cells. <i>ACS Applied Nano Materials</i> , 2022, 5, 2414-2428.	5.0	7
14	A drug-free strategy to combat bacterial infections with magnetic nanoparticles biosynthesized in bacterial pathogens. <i>Nanoscale</i> , 2022, 14, 1713-1722.	5.6	3