

# G Janani

## List of Publications by Year in descending order

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Version: 2024-02-01

9  
papers

212  
citations

1307594

7  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

151  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mimicking Native Liver Lobule Microarchitecture In Vitro with Parenchymal and Non-parenchymal Cells Using 3D Bioprinting for Drug Toxicity and Drug Screening Applications. ACS Applied Materials & Interfaces, 2022, 14, 10167-10186.	8.0	38
2	Surface Modification of Decellularized Natural Cellulose Scaffolds with Organosilanes for Bone Tissue Regeneration. ACS Biomaterials Science and Engineering, 2022, 8, 2000-2015.	5.2	10
3	Mimicking Physiologically Relevant Hepatocyte Zonation Using Immunomodulatory Silk Liver Extracellular Matrix Scaffolds toward a Bioartificial Liver Platform. ACS Applied Materials & Interfaces, 2021, 13, 24401-24421.	8.0	22
4	Bioactive three-dimensional silk composite in vitro tumoroid model for high throughput screening of anticancer drugs. Journal of Colloid and Interface Science, 2021, 589, 438-452.	9.4	12
5	Functionalized Silk Vascular Grafts with Decellularized Human Wharton's Jelly Improves Remodeling via Immunomodulation in Rabbit Jugular Vein. Advanced Healthcare Materials, 2021, 10, e2100750.	7.6	7
6	A coumarin based visual and fluorometric probe for selective detection of Al(III), Cr(III) and Fe(III) ions through a "turn-on" response and its biological application. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 417, 113340.	3.9	31
7	Fiber-Reinforced Silk Composite for Enhanced Urokinase Production Using High-Density Perfusion Culture and Bioactive Molecule Supplementation. ACS Biomaterials Science and Engineering, 2019, 5, 6137-6151.	5.2	6
8	Functional hepatocyte clusters on bioactive blend silk matrices towards generating bioartificial liver constructs. Acta Biomaterialia, 2018, 67, 167-182.	8.3	56
9	An <i>in vitro</i> 3D model using collagen coated gelatin nanofibers for studying breast cancer metastasis. Biofabrication, 2017, 9, 015016.	7.1	30