

# G Janani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10522521/publications.pdf>

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9  
papers

212  
citations

1307594

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1474206

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docs citations

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times ranked

151  
citing authors

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