

# uday kiran Roopavath

## List of Publications by Year in descending order

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7  
papers

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1478505

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7  
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docs citations

7  
times ranked

420  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of extrusion based ceramic 3D printing process for complex bony designs. Materials and Design, 2019, 162, 263-270.	7.0	84
2	Valorization of discarded Marine Eel fish skin for collagen extraction as a 3D printable blue biomaterial for tissue engineering. Journal of Cleaner Production, 2019, 230, 412-419.	9.3	76
3	3D printable SiO <sub>2</sub> nanoparticle ink for patient specific bone regeneration. RSC Advances, 2019, 9, 23832-23842.	3.6	54
4	Mechanochemically synthesized phase stable and biocompatible $\beta$ -tricalcium phosphate from avian eggshell for the development of tissue ingrowth system. Ceramics International, 2019, 45, 12910-12919.	4.8	29
5	Coordinative Crystallization of ZrSiO <sub>4</sub> and $\beta$ -Fe <sub>2</sub> O <sub>3</sub> Composites and Their Resultant Structural, Morphological, and Mechanical Characteristics. Crystal Growth and Design, 2015, 15, 4075-4086.	3.0	28
6	Modulation of 3D Printed Calcium-Deficient Apatite Constructs with Varying Mn Concentrations for Osteochondral Regeneration via Endochondral Differentiation. ACS Applied Materials & Interfaces, 2022, 14, 23245-23259.	8.0	11
7	Sodium alginate/gelatin with silica nanoparticles a novel hydrogel for 3D printing. AIP Conference Proceedings, 2018, , .	0.4	3