

# Harsha Ramaraju

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2132693/publications.pdf>

Version: 2024-02-01

15  
papers

202  
citations

1040056

9  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

236  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Designing Biodegradable Shape Memory Polymers for Tissue Repair. <i>Advanced Functional Materials</i> , 2020, 30, 2002014.  | 14.9 | 49        |
| 2  | Dual-functioning peptides discovered by phage display increase the magnitude and specificity of BMSC attachment to mineralized biomaterials. <i>Biomaterials</i> , 2017, 134, 1-12.   | 11.4 | 31        |
| 3  | 3D bioprinting of a trachea-mimetic cellular construct of a clinically relevant size. <i>Biomaterials</i> , 2021, 279, 121246.  | 11.4 | 25        |
| 4  | Degradation properties of a biodegradable shape memory elastomer, poly(glycerol dodecanoate), for soft tissue repair. <i>PLoS ONE</i> , 2020, 15, e0229112.   | 2.5  | 19        |
| 5  | Dual-functioning phage-derived peptides encourage human bone marrow cell-specific attachment to mineralized biomaterials. <i>Connective Tissue Research</i> , 2014, 55, 160-163.  | 2.3  | 15        |
| 6  | Development of Photocrosslinked Poly(glycerol dodecanedioate)â€™A Biodegradable Shape Memory Polymer for 3Dâ€™Printed Tissue Engineering Applications. <i>Advanced Engineering Materials</i> , 2021, 23, 2100219.                           | 3.5  | 14        |
| 7  | Cell and Materialâ€™Specific Phage Display Peptides Increase iPSâ€™MSC Mediated Bone and Vasculature Formation In Vivo. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801356.   | 7.6  | 12        |
| 8  | Modulating nonlinear elastic behavior of biodegradable shape memory elastomer and small intestinal submucosa(SIS) composites for soft tissue repair. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 110, 103965. | 3.1  | 12        |
| 9  | Inhibition of osteoblast mineralization by phosphorylated phage-derived apatite-specific peptide. <i>Biomaterials</i> , 2015, 73, 120-130.  | 11.4 | 11        |
| 10 | Paediatric devices that grow up. <i>Nature Biomedical Engineering</i> , 2017, 1, 777-778.   | 22.5 | 5         |
| 11 | Evaluation of human nasal cartilage nonlinear and rate dependent mechanical properties. <i>Journal of Biomechanics</i> , 2020, 100, 109549.   | 2.1  | 5         |
| 12 | Evaluating Directional Dependency of Selective Laser Sintered Patient Specific Biodegradable Devices to Improve Predictive Modeling and Design Verification. <i>Annals of Biomedical Engineering</i> , 2021, 49, 2579-2589.                 | 2.5  | 2         |
| 13 | Early preclinical evaluation of a novel, computer aided designed, 3D printed, bioresorbable posterior cricoid scaffold. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2021, 150, 110892.                                  | 1.0  | 1         |
| 14 | Finite element analysis of esophageal atresia repair with biodegradable polymer sleeves. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 133, 105349.   | 3.1  | 1         |
| 15 | Selective Binding of pVTK Peptide- and Bisphosphonate-Functionalized Micelles to Prostate Cancer Cells, Osteoblasts, and Osteoclasts. <i>Precision Nanomedicine</i> , 2022, 5, .  | 0.8  | 0         |