

# Serena Mandla

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9314051/publications.pdf>

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15  
papers

1,018  
citations

840776

11  
h-index

1058476

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docs citations

15  
times ranked

2085  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gold Nanocomposite Bioink for Printing 3D Cardiac Constructs. <i>Advanced Functional Materials</i> , 2017, 27, 1605352.	14.9	278
2	Organ-on-a-Chip Platforms: A Convergence of Advanced Materials, Cells, and Microscale Technologies. <i>Advanced Healthcare Materials</i> , 2018, 7, 1700506.	7.6	227
3	Electrically Driven Microengineered Bioinspired Soft Robots. <i>Advanced Materials</i> , 2018, 30, 1704189.	21.0	140
4	Engineered 3D Cardiac Fibrotic Tissue to Study Fibrotic Remodeling. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601434.	7.6	85
5	Nanostructured Fibrous Membranes with Rose Spike-Like Architecture. <i>Nano Letters</i> , 2017, 17, 6235-6240.	9.1	72
6	Advanced Strategies for Modulation of the Material-Macrophage Interface. <i>Advanced Functional Materials</i> , 2020, 30, 1909331.	14.9	69
7	Review: Multimodal bioactive material approaches for wound healing. <i>APL Bioengineering</i> , 2018, 2, 021503.	6.2	46
8	Chaotic printing: using chaos to fabricate densely packed micro- and nanostructures at high resolution and speed. <i>Materials Horizons</i> , 2018, 5, 813-822.	12.2	28
9	Cardiovascular signatures of COVID-19 predict mortality and identify barrier stabilizing therapies. <i>EBioMedicine</i> , 2022, 78, 103982.	6.1	17
10	Biomechanics of Wound Healing in an Equine Limb Model: Effect of Location and Treatment with a Peptide-Modified Collagen-Chitosan Hydrogel. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 265-278.	5.2	16
11	Flexible and Stretchable PEDOT-Embedded Hybrid Substrates for Bioengineering and Sensory Applications. <i>ChemNanoMat</i> , 2019, 5, 729-737.	2.8	15
12	Macrophage Immunomodulation Through New Polymers that Recapitulate Functional Effects of Itaconate as a Power House of Innate Immunity. <i>Advanced Functional Materials</i> , 2021, 31, 2003341.	14.9	12
13	Macrophage Polarization with Angiopoietin-1 Peptide QHREDGS. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 4542-4550.	5.2	10
14	Tissue Engineering: Gold Nanocomposite Bioink for Printing 3D Cardiac Constructs (Adv. Funct.)	14.9	278
15	Tissue Engineering: Engineered 3D Cardiac Fibrotic Tissue to Study Fibrotic Remodeling (Adv.)	7.6	85