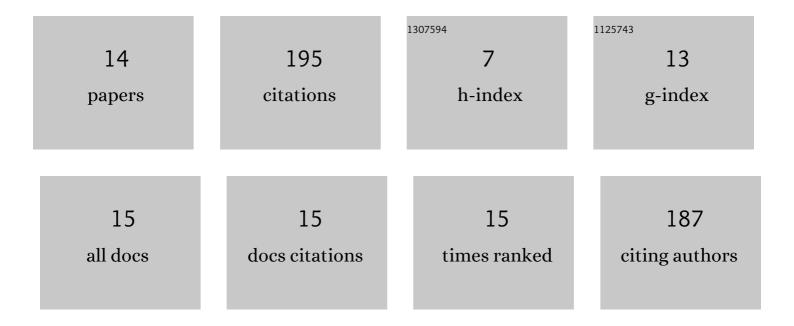
## Neha Mulchandani

List of Publications by Year in descending order

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| #  | Article  | IF                | CITATIONS          |
|----|--|-------------------|--------------------|
| 1  | Effects of chain microstructure on the thermal, mechanical and crystallization behaviors of poly(ε-caprolactone-co-lactide) copolymers: Processable biomaterials with tunable properties. Materials Today Communications, 2022, 33, 104040.                    | 1.9               | 2                  |
| 2  | Toughened PLA- <i>b</i> -PCL- <i>b</i> -PLA triblock copolymer based biomaterials: effect of<br>self-assembled nanostructure and stereocomplexation on the mechanical properties. Polymer<br>Chemistry, 2021, 12, 3806-3824.                                   | 3.9               | 22                 |
| 3  | Curcumin loaded iron functionalized biopolymeric nanofibre reinforced edible nanocoatings for improved shelf life of cut pineapples. Food Packaging and Shelf Life, 2021, 28, 100658.  | 7.5               | 13                 |
| 4  | Valorization of a CO <sub>2</sub> â€Derived Lactone by Acyclic Diene Metathesis Polymerization.<br>ChemistrySelect, 2021, 6, 13947-13954.  | 1.5               | 2                  |
| 5  | Synthesis Strategies for Biomedical Grade Polymers. Materials Horizons, 2020, , 1-20.  | 0.6               | 3                  |
| 6  | Polymers from Carbon Dioxide—A Route Towards a Sustainable Future. Materials Horizons, 2020, ,<br>35-49.   | 0.6               | 5                  |
| 7  | Generalized kinetics for thermal degradation and melt rheology for poly (lactic acid)/poly (butylene) Tj ETQq1 1 C<br>Biological Macromolecules, 2019, 141, 831-842.   | ).784314 r<br>7.5 | gBT /Overloc<br>17 |
| 8  | Resorbable polymers in bone repair and regeneration. , 2019, , 87-125.   |                   | 9                  |
| 9  | Effect of Block Length and Stereocomplexation on the Thermally Processable Poly(Îμ-caprolactone) and<br>Poly(Lactic acid) Block Copolymers for Biomedical Applications. ACS Applied Polymer Materials, 2019, 1,<br>3354-3365.                                  | 4.4               | 17                 |
| 10 | Polylactic Acid-Based Hydrogels and Its Renewable Characters: Tissue Engineering Applications.<br>Polymers and Polymeric Composites, 2019, , 1537-1559.  | 0.6               | 1                  |
| 11 | Functionalized chitosan mediated stereocomplexation of poly(lactic acid): Influence on<br>crystallization, oxygen permeability, wettability and biocompatibility behavior. Polymer, 2018, 142,<br>196-208.   | 3.8               | 23                 |
| 12 | Silk nanoâ $\in$ discs: A natural material for cancer therapy. Biopolymers, 2018, 109, e23231.   | 2.4               | 24                 |
| 13 | Polylactic Acid Based Hydrogels and Its Renewable Characters: Tissue Engineering Applications.<br>Polymers and Polymeric Composites, 2018, , 1-24.   | 0.6               | 1                  |
| 14 | Multifunctional Nanohydroxyapatite-Promoted Toughened High-Molecular-Weight Stereocomplex<br>Poly(lactic acid)-Based Bionanocomposite for Both 3D-Printed Orthopedic Implants and<br>High-Temperature Engineering Applications. ACS Omega, 2017, 2, 4039-4052. | 3.5               | 54                 |