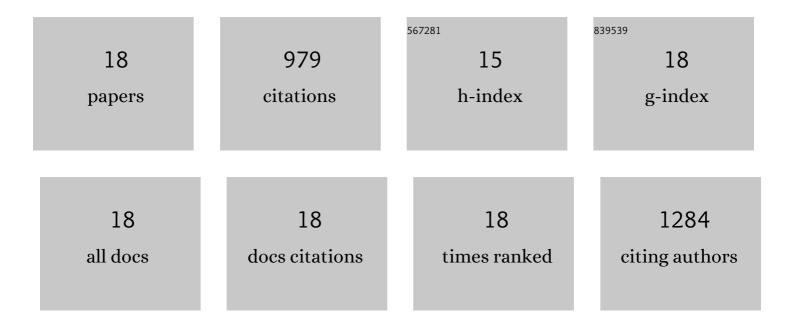
## Nikola A Dudukovic

List of Publications by Year in descending order

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| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | 3Dâ€Printed Transparent Glass. Advanced Materials, 2017, 29, 1701181.   | 21.0 | 177       |
| 2  | Field responsive mechanical metamaterials. Science Advances, 2018, 4, eaau6419.   | 10.3 | 154       |
| 3  | Cellular fluidics. Nature, 2021, 595, 58-65.  | 27.8 | 106       |
| 4  | 3D Printed Optical Quality Silica and Silica–Titania Glasses from Sol–Gel Feedstocks. Advanced<br>Materials Technologies, 2018, 3, 1700323.   | 5.8  | 74        |
| 5  | 3D printed gradient index glass optics. Science Advances, 2020, 6, .  | 10.3 | 70        |
| 6  | 3Dâ€Printable Fluoropolymer Gas Diffusion Layers for CO <sub>2</sub> Electroreduction. Advanced Materials, 2021, 33, e2003855.  | 21.0 | 65        |
| 7  | Mechanical Properties of Self-Assembled Fmoc-Diphenylalanine Molecular Gels. Langmuir, 2014, 30,<br>4493-4500.  | 3.5  | 64        |
| 8  | Colloidal Materials for 3D Printing. Annual Review of Chemical and Biomolecular Engineering, 2019, 10, 17-42.   | 6.8  | 47        |
| 9  | Predicting Nanoparticle Suspension Viscoelasticity for Multimaterial 3D Printing of Silica–Titania<br>Glass. ACS Applied Nano Materials, 2018, 1, 4038-4044.                                | 5.0  | 39        |
| 10 | Additive Manufacturing of Optical Quality Germania–Silica Glasses. ACS Applied Materials &<br>Interfaces, 2020, 12, 6736-6741.  | 8.0  | 39        |
| 11 | Self-assembly pathways and polymorphism in peptide-based nanostructures. Nanoscale, 2018, 10, 1508-1516.  | 5.6  | 31        |
| 12 | Evidence for equilibrium gels of valence-limited particles. Soft Matter, 2014, 10, 7849-7856.   | 2.7  | 28        |
| 13 | 3D Printing of High Viscosity Reinforced Silicone Elastomers. Polymers, 2021, 13, 2239.   | 4.5  | 24        |
| 14 | Gelation of Fmoc-diphenylalanine is a first order phase transition. Soft Matter, 2015, 11, 7663-7673.   | 2.7  | 23        |
| 15 | 3D Printing of Compositional Gradients Using the Microfluidic Circuit Analogy. Advanced Materials<br>Technologies, 2019, 4, 1900784.  | 5.8  | 20        |
| 16 | Nanoscale dynamics and aging of fibrous peptide-based gels. Journal of Chemical Physics, 2014, 141, 164905.   | 3.0  | 10        |
| 17 | Refractive Index and Abbe Number Tuning via 3D Printable Optical Quality Silica–Titania–Germania<br>Glasses. Advanced Photonics Research, 2022, 3, .  | 3.6  | 6         |
| 18 | Methods—Design Guidelines for Tubular Flow-through Electrodes for Use in Electroanalytical<br>Studies of Redox Reaction Kinetics, Journal of the Electrochemical Society, 2021, 168, 043505 | 2.9  | 2         |