

# Nikola A Dudukovic

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

979  
citations

567281

15  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1284  
citing authors

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