

# Mostafa Yourdkhani

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

935  
citations

566801

15  
h-index

642321

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

985  
citing authors

#	ARTICLE	IF	CITATIONS
1	Proanthocyanidin encapsulation for sustained bioactivity in dentin bioadhesion: A two-year study. <i>Dental Materials</i> , 2022, 38, 421-430.	1.6	3
2	Electrothermal Performance of Heaters Based on Laser-Induced Graphene on Aramid Fabric. <i>ACS Omega</i> , 2022, 7, 3746-3757.	1.6	12
3	3D Printing of Short-Carbon-Fiber-Reinforced Thermoset Polymer Composites via Frontal Polymerization. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 16694-16702.	4.0	44
4	Self-Regulative Direct Ink Writing of Frontally Polymerizing Thermoset Polymers. <i>Advanced Materials Technologies</i> , 2022, 7, .	3.0	22
5	Rapid synchronized fabrication of vascularized thermosets and composites. <i>Nature Communications</i> , 2021, 12, 2836.	5.8	30
6	Effect of resin staging on frontal polymerization of dicyclopentadiene. <i>Journal of Polymer Science</i> , 2021, 59, 1732-1739.	2.0	13
7	Frontal polymerization of unidirectional carbon-fiber-reinforced composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 130, 105689.	3.8	45
8	Photothermal Initiation of Frontal Polymerization Using Carbon Nanoparticles. <i>ACS Applied Polymer Materials</i> , 2020, 2, 4690-4696.	2.0	34
9	Fabrication of pH-responsive monodisperse microcapsules using interfacial tension of immiscible phases. <i>Soft Matter</i> , 2020, 16, 5139-5147.	1.2	10
10	Fully Recyclable Metastable Polymers and Composites. <i>Chemistry of Materials</i> , 2019, 31, 398-406.	3.2	53
11	Carbon nanotube-reinforced carbon fibre-epoxy composites manufactured by resin film infusion. <i>Composites Science and Technology</i> , 2018, 166, 169-175.	3.8	35
12	Nanoreinforced epoxy and adhesive joints incorporating boron nitride nanotubes. <i>International Journal of Adhesion and Adhesives</i> , 2018, 84, 194-201.	1.4	27
13	Rapid energy-efficient manufacturing of polymers and composites via frontal polymerization. <i>Nature</i> , 2018, 557, 223-227.	13.7	312
14	Encapsulation of grape seed extract in polylactide microcapsules for sustained bioactivity and time-dependent release in dental material applications. <i>Dental Materials</i> , 2017, 33, 630-636.	1.6	12
15	Low-Ceiling-Temperature Polymer Microcapsules with Hydrophobic Payloads via Rapid Emulsion-Solvent Evaporation. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 20115-20123.	4.0	28
16	Efficient cross-section preparation method for high-resolution imaging of hard polymer composites with a scanning electron microscope. <i>Journal of Microscopy</i> , 2015, 260, 117-124.	0.8	10
17	A systematic study on dispersion stability of carbon nanotube-modified epoxy resins. <i>Carbon</i> , 2015, 81, 251-259.	5.4	25
18	Thermal, oxygen barrier and mechanical properties of polylactide-organoclay nanocomposites. <i>Composites Science and Technology</i> , 2013, 82, 47-53.	3.8	52

#	ARTICLE	IF	CITATIONS
19	Quantitative Dispersion Analysis of Inclusions in Polymer Composites. ACS Applied Materials & Interfaces, 2013, 5, 35-41.	4.0	34
20	Influence of the reaction stoichiometry on the mechanical and thermal properties of SWCNT-modified epoxy composites. Nanotechnology, 2013, 24, 265701.	1.3	13
21	Dispersion stability in carbon nanotube modified polymers and its effect on the fracture toughness. Nanotechnology, 2012, 23, 315701.	1.3	17
22	Multiscale mechanics and optimization of gastropod shells. Journal of Bionic Engineering, 2011, 8, 357-368.	2.7	37
23	Vibrations and stability of axially traveling laminated beams. Applied Mathematics and Computation, 2010, 217, 545-556.	1.4	67