

# Yasin Akgul

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

602  
citations

840776

11  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

620  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of GNPs on wear and corrosion behaviors of pure magnesium. <i>Journal of Alloys and Compounds</i> , 2017, 724, 14-23.	5.5	117
2	A review on non-electro nanofibre spinning techniques. <i>RSC Advances</i> , 2016, 6, 83783-83801.	3.6	101
3	Mechanical, tribological and corrosion properties of fullerene reinforced magnesium matrix composites fabricated by semi powder metallurgy. <i>Journal of Alloys and Compounds</i> , 2018, 740, 1149-1158.	5.5	98
4	Centrifugally spun silica (SiO <sub>2</sub> ) nanofibers for high-temperature air filtration. <i>Aerosol Science and Technology</i> , 2019, 53, 921-932.	3.1	35
5	Mechanical and dynamic mechanical thermal properties of ensete fiber/woven glass fiber fabric hybrid composites. <i>Composite Structures</i> , 2021, 259, 113221.	5.8	35
6	Influence of multi-wall carbon nanotube content on dry and corrosive wear performances of pure magnesium. <i>Journal of Composite Materials</i> , 2018, 52, 3127-3135.	2.4	31
7	Improved wear properties of magnesium matrix composite with the addition of fullerene using semi powder metallurgy. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2018, 26, 130-136.	2.1	28
8	Optimization of centrifugally spun thermoplastic polyurethane nanofibers for air filtration applications. <i>Aerosol Science and Technology</i> , 2018, 52, 515-523.	3.1	26
9	Mechanical, tribological, and biological properties of carbon fiber/hydroxyapatite reinforced hybrid composites. <i>Polymer Composites</i> , 2020, 41, 2426-2432.	4.6	15
10	Centrifugally spun micro-nanofibers based on lemon peel oil/gelatin as novel edible active food packaging: Fabrication, characterization, and application to prevent foodborne pathogens <i>E. coli</i> and <i>S. aureus</i> in cheese. <i>Food Control</i> , 2022, 139, 109081.	5.5	15
11	Hydrothermal carbon effect on iron matrix composites produced by powder metallurgy. <i>Materials Chemistry and Physics</i> , 2020, 242, 122557.	4.0	14
12	Solution blown nanofibrous air filters modified with glass microparticles. <i>Journal of Industrial Textiles</i> , 2021, 51, 821-834.	2.4	12
13	Fabrication of $\text{PVDF}/\text{modacrylic}/\text{SiO}_2$ nanofibrous membrane: Composite separator for safe and high performance lithium-ion batteries. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49835.	2.6	12
14	Submicron aerosol filtration performance of centrifugally spun nanofibrous polyvinylpyrrolidone media. <i>Journal of Industrial Textiles</i> , 2021, 50, 1545-1558.	2.4	11
15	Influence of carbon fiber content on bio-tribological performances of high-density polyethylene. <i>Materials Research Express</i> , 2019, 6, 125307.	1.6	10
16	Using a new sustainable carbon reinforcement in magnesium matrix composites. <i>Materials Chemistry and Physics</i> , 2022, 281, 125886.	4.0	9
17	Characterization of solution blown thermoplastic polyurethane nanofibers modified with <i>Szygium aromaticum</i> extract. <i>Journal of the Textile Institute</i> , 2020, 111, 10-15.	1.9	8
18	Investigation of the properties of Al7075-HTC composites produced by powder metallurgy. <i>Journal of Composite Materials</i> , 2021, 55, 2339-2348.	2.4	6

#	ARTICLE	IF	CITATIONS
19	Effect of TiC, TiN, and TiCN on microstructural, mechanical and tribological properties of PM steels. Science of Sintering, 2021, 53, 497-508.	1.4	6
20	Anti-wear behaviour of silver nanoparticles on Al-Si alloy. Surface Topography: Metrology and Properties, 2021, 9, 025031.	1.6	4
21	A novel approach on production of carbon steels using graphene via powder metallurgy. Canadian Metallurgical Quarterly, 2022, 61, 85-93.	1.2	4
22	Polivinil Alkol (PVA) Nanoliflerin Āceretiminde YenilikĀŖi Bir YaklaĀŖm: SantrifĀ¼l Lif Āceretimi. Tekstil Ve Muhendis, 2018, 25, 30-36.	0.3	3
23	Antibakteriyel Nanolif YapĀlarĀn Āzeltiden Āefleme Sistemi ile Āceretimi ve Karakterizasyonu. Tekstil Ve Muhendis, 2018, 25, 78-25.	0.3	1
24	Sliding Wear Properties of Palm/Glass Fiber Hybrid Reinforced Vinylester Resin. Lecture Notes in Mechanical Engineering, 2020, , 103-114.	0.4	1