

# Yasin Akgul

## List of Publications by Year in descending order

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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	A novel approach on production of carbon steels using graphene via powder metallurgy. Canadian Metallurgical Quarterly, 2022, 61, 85-93.	1.2	4
2	Using a new sustainable carbon reinforcement in magnesium matrix composites. Materials Chemistry and Physics, 2022, 281, 125886.	4.0	9
3	Centrifugally spun micro-nanofibers based on lemon peel oil/gelatin as novel edible active food packaging: Fabrication, characterization, and application to prevent foodborne pathogens E. coli and S. aureus in cheese. Food Control, 2022, 139, 109081.	5.5	15
4	Solution blown nanofibrous air filters modified with glass microparticles. Journal of Industrial Textiles, 2021, 51, 821-834.	2.4	12
5	Mechanical and dynamic mechanical thermal properties of ensete fiber/woven glass fiber fabric hybrid composites. Composite Structures, 2021, 259, 113221.	5.8	35
6	Fabrication of $\text{PVDF}/\text{modacrylic}/\text{SiO}_2$ nanofibrous membrane: Composite separator for safe and high performance lithium-ion batteries. Journal of Applied Polymer Science, 2021, 138, 49835.	2.6	12
7	Submicron aerosol filtration performance of centrifugally spun nanofibrous polyvinylpyrrolidone media. Journal of Industrial Textiles, 2021, 50, 1545-1558.	2.4	11
8	Anti-wear behaviour of silver nanoparticles on Al-Si alloy. Surface Topography: Metrology and Properties, 2021, 9, 025031.	1.6	4
9	Investigation of the properties of Al7075-HTC composites produced by powder metallurgy. Journal of Composite Materials, 2021, 55, 2339-2348.	2.4	6
10	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
11	Characterization of solution blown thermoplastic polyurethane nanofibers modified with <i>Szygium aromaticum</i> extract. Journal of the Textile Institute, 2020, 111, 10-15.	1.9	8
12	Hydrothermal carbon effect on iron matrix composites produced by powder metallurgy. Materials Chemistry and Physics, 2020, 242, 122557.	4.0	14
13	Mechanical, tribological, and biological properties of carbon fiber/hydroxyapatite reinforced hybrid composites. Polymer Composites, 2020, 41, 2426-2432.	4.6	15
14	Sliding Wear Properties of Palm/Glass Fiber Hybrid Reinforced Vinylester Resin. Lecture Notes in Mechanical Engineering, 2020, , 103-114.	0.4	1
15	Influence of carbon fiber content on bio-tribological performances of high-density polyethylene. Materials Research Express, 2019, 6, 125307.	1.6	10
16	Centrifugally spun silica ( $\text{SiO}_2$ ) nanofibers for high-temperature air filtration. Aerosol Science and Technology, 2019, 53, 921-932.	3.1	35
17	Improved wear properties of magnesium matrix composite with the addition of fullerene using semi powder metallurgy. Fullerenes Nanotubes and Carbon Nanostructures, 2018, 26, 130-136.	2.1	28
18	Optimization of centrifugally spun thermoplastic polyurethane nanofibers for air filtration applications. Aerosol Science and Technology, 2018, 52, 515-523.	3.1	26

#	ARTICLE	IF	CITATIONS
19	Mechanical, tribological and corrosion properties of fullerene reinforced magnesium matrix composites fabricated by semi powder metallurgy. Journal of Alloys and Compounds, 2018, 740, 1149-1158.	5.5	98
20	Influence of multi-wall carbon nanotube content on dry and corrosive wear performances of pure magnesium. Journal of Composite Materials, 2018, 52, 3127-3135.	2.4	31
21	Antibakteriyel Nanolif Yapıların Üretimden Ölçümlere Sistemleri ile Ölçümü ve Karakterizasyonu. Tekstil Ve Muhendis, 2018, 25, 78-25.	0.3	1
22	Polivinil Alkol (PVA) Nanoliflerin Üretiminde Yenilikçi Bir Yaklaşım: Santrifüjli Lif Üretimi. Tekstil Ve Muhendis, 2018, 25, 30-36.	0.3	3
23	The effect of GNPs on wear and corrosion behaviors of pure magnesium. Journal of Alloys and Compounds, 2017, 724, 14-23.	5.5	117
24	A review on non-electro nanofibre spinning techniques. RSC Advances, 2016, 6, 83783-83801.	3.6	101