

Sinan Fidan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9281323/publications.pdf>

Version: 2024-02-01

43
papers

453
citations

840585

11
h-index

794469

19
g-index

44
all docs

44
docs citations

44
times ranked

458
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of low velocity repeated impacts on residual compressive properties of honeycomb sandwich structures. <i>Composite Structures</i> , 2015, 125, 425-433.	3.1	80
2	Residual mechanical properties of carbon/polyphenylenesulphide composites after solid particle erosion. <i>Materials & Design</i> , 2008, 29, 1419-1426.	5.1	37
3	Internal damage investigation of the impacted glass/glass+aramid fiber reinforced composites by micro-computerized tomography. <i>NDT and E International</i> , 2012, 51, 1-7.	1.7	30
4	Effect of heat treatment on erosive wear behaviour of Ti6Al4V alloy. <i>Materials Science and Technology</i> , 2013, 29, 1088-1094.	0.8	28
5	Solid particle erosion behaviour of Ti6Al4V alloy. <i>Tribology - Materials, Surfaces and Interfaces</i> , 2013, 7, 201-210.	0.6	26
6	The effect of glazing and aging on the surface properties of CAD/CAM resin blocks. <i>Journal of Advanced Prosthodontics</i> , 2018, 10, 50.	1.1	23
7	Solid Particle Erosive Wear Behavior of Glass Mat Reinforced PPS Composites: Influence of Erodent Particle Size, Pressure, Particle Impingement Angle, and Velocity. <i>Advances in Polymer Technology</i> , 2013, 32, .	0.8	22
8	Possible use of volcanic ash as a filler in polyphenylene sulfide composites: Thermal, mechanical, and erosive wear properties. <i>Polymer Composites</i> , 2014, 35, 1826-1833.	2.3	18
9	Effects of 3D printed surface texture on erosive wear. <i>Tribology International</i> , 2020, 144, 106110.	3.0	16
10	The effect of TiO ₂ filler content on the mechanical, thermal, and tribological properties of TiO ₂ /PPS composites. <i>Polymer Composites</i> , 2013, 34, 1591-1599.	2.3	13
11	Mechanical and Thermal Properties of Pumice Powder Filled PPS Composites. <i>Acta Physica Polonica A</i> , 2014, 125, 518-520.	0.2	13
12	The Effects of Various Polishing Procedures on Surface Topography of CAD/CAM Resin Restoratives. <i>Journal of Prosthodontics</i> , 2021, 30, 481-489.	1.7	13
13	Effect of Particle Impact Angle, Erodent Particle Size and Acceleration Pressure on the Solid Particle Erosion Behavior of 3003 Aluminum Alloy. <i>Acta Physica Polonica A</i> , 2014, 125, 523-525.	0.2	11
14	Damage characterization of three point bended honeycomb sandwich structures under different temperatures with cone beam computed tomography technique. <i>Polymer Composites</i> , 2018, 39, 46-54.	2.3	11
15	Influences of Particle Impingement Angle and Velocity on Surface Roughness, Erosion Rate, and 3D Surface Morphology of Solid Particle Eroded Ti6Al4V Alloy. <i>Acta Physica Polonica A</i> , 2014, 125, 541-543.	0.2	8
16	Heat treatment effect on solid particle erosion properties of polyphenylene sulfide composites reinforced with silane coupled volcanic ash particles. <i>Polymer Composites</i> , 2018, 39, 1638-1646.	2.3	8
17	Scratch behavior of glass fiber reinforced polyester matrix composite after solid particle erosion. <i>Polymer Composites</i> , 2015, 36, 1958-1966.	2.3	7
18	Investigation of erosive wear behaviors of AA6082-T6 aluminum alloy. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2020, 234, 520-530.	0.7	7

#	ARTICLE	IF	CITATIONS
19	Detecting Impact Damages in an Aramid/Glass Fiber Reinforced Hybrid Composite with Micro Tomography. <i>Advanced Materials Research</i> , 2012, 445, 9-14.	0.3	6
20	Heat treatment effect on thermal and thermomechanical properties of polyphenylene sulfide composites reinforced with silane-treated volcanic ash particles. <i>Polymer Composites</i> , 2018, 39, 1612-1619.	2.3	6
21	Effect of Calcium Carbonate Particle Size on the Scratch Resistance of Rapid Alkyd-Based Wood Coatings. <i>Coatings</i> , 2021, 11, 340.	1.2	6
22	The scratch behavior of accelerated aged carbon fiber-reinforced epoxy matrix composite. <i>Polymer Composites</i> , 2016, 37, 3527-3534.	2.3	5
23	Damage characterization of repeatedly impacted glass fiber reinforced polyester armor steel composites with cone beam computed tomography technique. <i>Polymer Composites</i> , 2016, 37, 583-593.	2.3	5
24	The influence of heat treatment process on mechanical properties of surface treated volcanic ash particles/polyphenylene sulfide composites. <i>Polymer Composites</i> , 2018, 39, 1604-1611.	2.3	5
25	Laser parameter optimization for surface texturing of inconel 625. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2021, 52, 289-307.	0.5	5
26	Tribological performance of polymethyl methacrylate as an aviation polymer. <i>Journal of Polymer Engineering</i> , 2014, 34, 569-579.	0.6	4
27	Thermal, viscoelastic and mechanical properties' optimization of polyphenylene sulfide via optimal processing parameters using the Taguchi method. <i>Journal of Applied Statistics</i> , 2016, 43, 2661-2680.	0.6	4
28	Laser process parameter optimization of dimple created on oriented carbon fiber reinforced epoxy composites. <i>Journal of Composite Materials</i> , 2021, 55, 4029-4043.	1.2	4
29	Effect of Silane as Coupling Agent on Dynamic Mechanical Properties of Volcanic Ash Filled PPS Composites. <i>Acta Physica Polonica A</i> , 2016, 129, 492-494.	0.2	4
30	Silane Coupling Efficiency on Thermal Properties of Volcanic Ash Filled PPS Composites. <i>Acta Physica Polonica A</i> , 2016, 129, 498-500.	0.2	4
31	Solid-particle erosion behavior of cast alloys used in the mining industry. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2015, 22, 1283-1292.	2.4	3
32	Influence of laser parameters in surface texturing of polyphenylene sulfide composites. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47976.	1.3	3
33	Surface Modification Effect of Volcanic Ash Particles Using Silane Coupling Agent on Mechanical Properties of Polyphenylene Sulfide Composites. <i>Acta Physica Polonica A</i> , 2016, 129, 495-497.	0.2	3
34	Solid Particle Erosion Behavior of Carbon Fiber - Metal Wire Hybrid Reinforced Polymer Composites. <i>El-Cezeri Journal of Science and Engineering</i> , 2018, 5, 182-190.	0.1	3
35	Evaluation of risk factors associated with first episode febrile seizure. <i>European Review for Medical and Pharmacological Sciences</i> , 2021, 25, 7089-7092.	0.5	3
36	Determination of plastic deformation rate after solid particle erosion in ductile materials. <i>Materialpruefung/Materials Testing</i> , 2021, 63, 1142-1149.	0.8	2

#	ARTICLE	IF	CITATIONS
37	The Evaluation of Solid Particle Erosion in Polymethyl Methacrylate by Surface Topography Mapping. Acta Physica Polonica A, 2014, 125, 494-496.	0.2	1
38	3 Boyutlu Yazıcı ile Üretilen Parçaların Yüzeylerini Toz Kaplama ve Kaplama Erozyon Davranışlarının Karakterizasyonu. European Journal of Science and Technology, 0, , 1106-1115.	0.5	1
39	Solid Particle Erosion Effects on Surface Plastic Deformation of Al ^{1/4} minum Alloy. El-Cezeri Journal of Science and Engineering, 2018, 5, 243-250.	0.1	1
40	Scratch and multi-pass scratch behavior of poly (methyl methacrylate) (PMMA). International Journal of Polymer Analysis and Characterization, 2022, 27, 359-377.	0.9	1
41	Volcanic Ash Reinforcement Concentration Effect on Thermal Properties of Polyvinyl Chloride Composites. Acta Physica Polonica A, 2015, 127, 1002-1003.	0.2	0
42	Comparison of Solid Particle Erosive Wear Rate At Room Temperature of Flexicord Flame Sprayed Different Oxide Coatings. Sakarya University Journal of Science, 2018, 22, 1477-1481.	0.3	0
43	Effect of particle flow direction in particle erosion of macro texturized polymer surfaces. Progress in Additive Manufacturing, 0, , .	2.5	0