

Sinan Fidan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	The Effects of Various Polishing Procedures on Surface Topography of CAD/CAM Resin Restoratives. Journal of Prosthodontics, 2021, 30, 481-489.	1.7	13
3	Laser parameter optimization for surface texturing of inconel 625. Materialwissenschaft Und Werkstofftechnik, 2021, 52, 289-307.	0.5	5
4	Effect of Calcium Carbonate Particle Size on the Scratch Resistance of Rapid Alkyd-Based Wood Coatings. Coatings, 2021, 11, 340.	1.2	6
5	Laser process parameter optimization of dimple created on oriented carbon fiber reinforced epoxy composites. Journal of Composite Materials, 2021, 55, 4029-4043.	1.2	4
6	Determination of plastic deformation rate after solid particle erosion in ductile materials. Materialpruefung/Materials Testing, 2021, 63, 1142-1149.	0.8	2
7	Evaluation of risk factors associated with first episode febrile seizure. European Review for Medical and Pharmacological Sciences, 2021, 25, 7089-7092.	0.5	3
8	Effects of 3D printed surface texture on erosive wear. Tribology International, 2020, 144, 106110.	3.0	16
9	Investigation of erosive wear behaviors of AA6082-T6 aluminum alloy. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2020, 234, 520-530.	0.7	7
10	Influence of laser parameters in surface texturing of polyphenylene sulfide composites. Journal of Applied Polymer Science, 2019, 136, 47976.	1.3	3
11	Damage characterization of three point bended honeycomb sandwich structures under different temperatures with cone beam computed tomography technique. Polymer Composites, 2018, 39, 46-54.	2.3	11
12	The influence of heat treatment process on mechanical properties of surface treated volcanic ash particles/polyphenylene sulfide composites. Polymer Composites, 2018, 39, 1604-1611.	2.3	5
13	Heat treatment effect on thermal and thermomechanical properties of polyphenylene sulfide composites reinforced with silane-treated volcanic ash particles. Polymer Composites, 2018, 39, 1612-1619.	2.3	6
14	Heat treatment effect on solid particle erosion properties of polyphenylene sulfide composites reinforced with silane coupled volcanic ash particles. Polymer Composites, 2018, 39, 1638-1646.	2.3	8
15	The effect of glazing and aging on the surface properties of CAD/CAM resin blocks. Journal of Advanced Prosthodontics, 2018, 10, 50.	1.1	23
16	Solid Particle Erosion Behavior of Carbon Fiber - Metal Wire Hybrid Reinforced Polymer Composites. El-Cezeri Journal of Science and Engineering, 2018, 5, 182-190.	0.1	3
17	Solid Particle Erosion Effects on Surface Plastic Deformation of Al ^{1/4} uminum Alloy. El-Cezeri Journal of Science and Engineering, 2018, 5, 243-250.	0.1	1
18	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

#	ARTICLE	IF	CITATIONS
19	The scratch behavior of accelerated aged carbon fiber-reinforced epoxy matrix composite. <i>Polymer Composites</i> , 2016, 37, 3527-3534.	2.3	5
20	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
21	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
22	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
23	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
24	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
25	Scratch behavior of glass fiber reinforced polyester matrix composite after solid particle erosion. <i>Polymer Composites</i> , 2015, 36, 1958-1966.	2.3	7
26	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
27	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
28	Volcanic Ash Reinforcement Concentration Effect on Thermal Properties of Polyvinyl Chloride Composites. <i>Acta Physica Polonica A</i> , 2015, 127, 1002-1003.	0.2	0
29	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
30	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
31	The Evaluation of Solid Particle Erosion in Polymethyl Methacrylate by Surface Topography Mapping. <i>Acta Physica Polonica A</i> , 2014, 125, 494-496.	0.2	1
32	Mechanical and Thermal Properties of Pumice Powder Filled PPS Composites. <i>Acta Physica Polonica A</i> , 2014, 125, 518-520.	0.2	13
33	Tribological performance of polymethyl methacrylate as an aviation polymer. <i>Journal of Polymer Engineering</i> , 2014, 34, 569-579.	0.6	4
34	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
35	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
36	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

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37	Effect of heat treatment on erosive wear behaviour of Ti6Al4V alloy. Materials Science and Technology, 2013, 29, 1088-1094.	0.8	28
38	Solid particle erosion behaviour of Ti6Al4V alloy. Tribology - Materials, Surfaces and Interfaces, 2013, 7, 201-210.	0.6	26
39	Detecting Impact Damages in an Aramid/Glass Fiber Reinforced Hybrid Composite with Micro Tomography. Advanced Materials Research, 2012, 445, 9-14.	0.3	6
40	Internal damage investigation of the impacted glass/glass+aramid fiber reinforced composites by micro-computerized tomography. NDT and E International, 2012, 51, 1-7.	1.7	30
41	Residual mechanical properties of carbon/polyphenylenesulphide composites after solid particle erosion. Materials & Design, 2008, 29, 1419-1426.	5.1	37
42	3 Boyutlu Yazımla ile Ėceritilen ParĖsa YĖzeylerini Toz Kaplama ve Kaplama Erozyon Davranımları Ėn Karakterizasyonu. European Journal of Science and Technology, 0, , 1106-1115.	0.5	1
43	Effect of particle flow direction in particle erosion of macro texturized polymer surfaces. Progress in Additive Manufacturing, 0, , .	2.5	0