

Tamer Sinmazcelik

List of Publications by Year in descending order

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66
papers

2,142
citations

361413
20
h-index

233421
45
g-index

67
all docs

67
docs citations

67
times ranked

1951
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of mussel shell reinforcement on mechanical and tribological behavior of polyphenylene sulfide composites. Journal of Thermoplastic Composite Materials, 2022, 35, 1279-1302.	4.2	9
2	Scratch and multi-pass scratch behavior of poly (methyl methacrylate) (PMMA). International Journal of Polymer Analysis and Characterization, 2022, 27, 359-377.	1.9	1
3	Effects of cutting temperature and process optimization in drilling of GFRP composites. Journal of Composite Materials, 2021, 55, 235-249.	2.4	28
4	Investigation of mechanical and tribological behaviour of expanded perlite particle reinforced polyphenylene sulphide. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2021, 235, 2356-2367.	1.1	4
5	Laser process parameter optimization of dimple created on oriented carbon fiber reinforced epoxy composites. Journal of Composite Materials, 2021, 55, 4029-4043.	2.4	4
6	TAILORING SURFACE MORPHOLOGY AND TOPOGRAPHY OF SHOT-PEENED Ti6Al4V VIA GRIT BLASTING. Materiali in Tehnologije, 2021, 55, .	0.5	1
7	Effects of 3D printed surface texture on erosive wear. Tribology International, 2020, 144, 106110.	5.9	16
8	Surface Properties of Titanium Alloys Grit Blasted at Various Particle Impingement Angles. Materials Today: Proceedings, 2020, 32, 18-26.	1.8	0
9	The Effects of Grit Size and Blasting Pressure on the Surface Properties of Grit Blasted Ti6Al4V Alloy. Materials Today: Proceedings, 2020, 32, 27-36.	1.8	5
10	Surface, Subsurface and Tribological Properties of Ti6Al4V Alloy Shot Peened under Different Parameters. Materials, 2020, 13, 4363.	2.9	19
11	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.	1.1	7
12	Mathematical modeling of heat distribution on carbon fiber Poly(ether-ether-ketone) (PEEK) composite during laser ablation. Optics and Laser Technology, 2020, 127, 106190.	4.6	7
13	Laser parameters optimization of surface treating of Al 6082-T6 with Taguchi method. Optics and Laser Technology, 2019, 120, 105714.	4.6	27
14	Influence of laser parameters in surface texturing of polyphenylene sulfide composites. Journal of Applied Polymer Science, 2019, 136, 47976.	2.6	3
15	Mathematical modelling of laser ablation of random oriented short glass fiber reinforced Polyphenylene sulphide (PPS) polymer composite. Optics and Laser Technology, 2019, 115, 481-486.	4.6	17
16	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.	4.6	6
17	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.	4.6	8
18	BIOMECHANICAL COMPARISON OF MEDIAL VERSUS LATERAL SIDED PLATING IN FEMORAL FRACTURES. Acta Ortopedica Brasileira, 2018, 26, 265-270.	0.5	2

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19	Dry Sliding Wear Behaviour of Shot Peened Ti6Al4V Alloys at Different Peening Times. Acta Physica Polonica A, 2018, 134, 349-353.	0.5	7
20	Effects of Terpolymer Addition on the Thermal and Thermomechanical Properties of Poly(Phenylene) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50	0.5	1
21	Olivine Particle Reinforced Polyphenylene Sulfide Matrix Composites. Acta Physica Polonica A, 2017, 131, 481-484.	0.5	0
22	The influence of different circular hole perforations on interlaminar shear strength of a novel fiber metal laminates. Polymer Composites, 2016, 37, 963-973.	4.6	9
23	Comparison of the mechanical, thermomechanical, thermal, and morphological properties of pumice and calcium carbonate filled poly(phenylene sulfide) composites. Polymer Composites, 2016, 37, 3160-3166.	4.6	16
24	Thermal, viscoelastic and mechanical properties' optimization of polyphenylene sulfide via optimal processing parameters using the Taguchi method. Journal of Applied Statistics, 2016, 43, 2661-2680.	1.3	4
25	Effect of mixed size particles reinforcing on the thermal and dynamic mechanical properties of <sc>A</sc>₂<sc>O</sc>₃/<sc>PPS</sc> composites. Polymer Composites, 2016, 37, 3219-3227.	4.6	6
26	Effect of Silane as Coupling Agent on Dynamic Mechanical Properties of Volcanic Ash Filled PPS Composites. Acta Physica Polonica A, 2016, 129, 492-494.	0.5	4
27	Surface Modification Effect of Volcanic Ash Particles Using Silane Coupling Agent on Mechanical Properties of Polyphenylene Sulfide Composites. Acta Physica Polonica A, 2016, 129, 495-497.	0.5	3
28	Improvement of the Toughness and Crack Propagation Resistance Properties of Poly(Phenylene) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50 3	0.5	3
29	Silane Coupling Efficiency on Thermal Properties of Volcanic Ash Filled PPS Composites. Acta Physica Polonica A, 2016, 129, 498-500.	0.5	4
30	Possible use of volcanic ash as a filler in polyphenylene sulfide composites: Thermal, mechanical, and erosive wear properties. Polymer Composites, 2014, 35, 1826-1833.	4.6	18
31	Solid Particle Erosive Wear Behavior of Glass Mat Reinforced PPS Composites: Influence of Erodent Particle Size, Pressure, Particle Impingement Angle, and Velocity. Advances in Polymer Technology, 2013, 32, .	1.7	22
32	The effect of TiO2 filler content on the mechanical, thermal, and tribological properties of TiO2 /PPS composites. Polymer Composites, 2013, 34, 1591-1599.	4.6	13
33	Effect of heat treatment on erosive wear behaviour of Ti6Al4V alloy. Materials Science and Technology, 2013, 29, 1088-1094.	1.6	28
34	A Study on the Derivation of Parametric Cutting Force Equations in Drilling of GFRP Composites. Strojniski Vestnik/Journal of Mechanical Engineering, 2013, 59, 97-105.	1.1	10
35	Detecting Impact Damages in an Aramid/Glass Fiber Reinforced Hybrid Composite with Micro Tomography. Advanced Materials Research, 2012, 445, 9-14.	0.3	6
36	Internal damage investigation of the impacted glass/glass+aramid fiber reinforced composites by micro-computerized tomography. NDT and E International, 2012, 51, 1-7.	3.7	30

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37	The influence of annealing on the crystallization and tribological behavior of MWNT/PEEK nanocomposites. <i>Polymer Composites</i> , 2011, 32, 1766-1771.	4.6	22
38	A review: Fibre metal laminates, background, bonding types and applied test methods. <i>Materials & Design</i> , 2011, 32, 3671-3685.	5.1	731
39	Erosive Wear Studies of Glass fiber- and Carbon Fiber-reinforced Polyetheretherketone Composites at Low Particle Speed. <i>Journal of Thermoplastic Composite Materials</i> , 2011, 24, 333-350.	4.2	16
40	Effect of fiber orientation on viscoelastic properties of polymer matrix composites subjected to thermal cycles. <i>Polymer Composites</i> , 2010, 31, 411-416.	4.6	10
41	Effects of hydrothermal aging on glass fiber/polyetherimide (PEI) composites. <i>Journal of Materials Science</i> , 2010, 45, 399-404.	3.7	44
42	Instrumented indentation and scratch testing evaluation of tribological properties of tin-based bearing materials. <i>Materials & Design</i> , 2010, 31, 2707-2715.	5.1	22
43	Effect of Fiber Orientation on Scratch Resistance in Unidirectional Carbon-Fiber-Reinforced Polymer Matrix Composites. <i>Journal of Reinforced Plastics and Composites</i> , 2010, 29, 1476-1490.	3.1	28
44	Erodent size effect on the erosion of polyphenylene sulfide composite. <i>Polymer Composites</i> , 2010, 31, 985-994.	4.6	26
45	Effects of Geometric Parameters on the Pin-bearing Strength of Glass/Polyphenylenesulphide Composites. <i>Journal of Composite Materials</i> , 2009, 43, 2239-2253.	2.4	10
46	On the life time prediction of repeatedly impacted thermoplastic matrix composites. <i>Materials & Design</i> , 2009, 30, 145-153.	5.1	26
47	Fracture characteristics of high impact polystyrene under impact fatigue loadings. <i>Journal of Materials Science</i> , 2009, 44, 4308-4314.	3.7	11
48	Bearing strength of pin-connected polymer composites subjected to dynamic loading. <i>Polymer Composites</i> , 2009, 31, NA-NA.	4.6	1
49	Characterization of the drilling alumina ceramic using Nd:YAG pulsed laser. <i>Journal of Materials Processing Technology</i> , 2009, 209, 2008-2014.	6.3	90
50	Laser welding of Ti6Al4V titanium alloys. <i>Journal of Materials Processing Technology</i> , 2009, 209, 3705-3713.	6.3	323
51	Fracture morphology and deformation characteristics of repeatedly impacted thermoplastic matrix composites. <i>Materials & Design</i> , 2009, 30, 628-634.	5.1	25
52	Residual mechanical properties of carbon/polyphenylenesulphide composites after solid particle erosion. <i>Materials & Design</i> , 2008, 29, 1419-1426.	5.1	37
53	The Effects of Thermal Cycles on the Impact Fatigue Properties of Thermoplastic Matrix Composites. <i>Applied Composite Materials</i> , 2008, 15, 99-113.	2.5	9
54	Erosive wear behaviour of carbon fibre/polyetherimide composites under low particle speed. <i>Materials & Design</i> , 2007, 28, 351-355.	5.1	64

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55	Geometric parameters and chemical corrosion effects on bearing strength of polyphenylenesulphide (PPS) composites. Materials & Design, 2007, 28, 1695-1698.	5.1	12
56	The effect of natural weathering on the mechanical, morphological and thermal properties of high impact polystyrene (HIPS). Materials & Design, 2007, 28, 2303-2309.	5.1	25
57	Erosive wear behaviour of polyphenylenesulphide (PPS) composites. Materials & Design, 2007, 28, 2471-2477.	5.1	42
58	Natural weathering effects on the mechanical and surface properties of polyphenylene sulphide (PPS) composites. Materials & Design, 2006, 27, 270-277.	5.1	31
59	Thermal cycles effects on interlaminar shear strength (ILSS) and impact behaviour of carbon/PEI composites. Journal of Materials Science, 2006, 41, 1233-1241.	3.7	12
60	Impact fatigue behaviour of unidirectional carbon fibre reinforced polyetherimide (PEI) composites. Journal of Materials Science, 2006, 41, 6237-6244.	3.7	26
61	Evaluation of Cyanoacrylate Augmentation of Transpedicular Screw Pullout Strength. Journal of Spinal Disorders and Techniques, 2005, 18, 511-514.	1.9	16
62	Effects of double passes of the tool on friction stir welding of polyethylene. Journal of Materials Science, 2005, 40, 3313-3316.	3.7	101
63	Influence of Annealing on the Performance of Short Glass Fiber-reinforced Polyphenylene Sulfide (PPS) Composites. Journal of Composite Materials, 2005, 39, 21-33.	2.4	20
64	Modification of polyolefins with silicone copolymers. II. Thermal, mechanical, and tribological behavior of PP and HDPE blended with silicone copolymers. Journal of Applied Polymer Science, 2002, 84, 535-540.	2.6	10
65	Title is missing!. Journal of Materials Science Letters, 2002, 21, 1809-1811.	0.5	3
66	Investigation of particle erosion of polytetrafluoroethylene and its composites. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 0, , 146442072210819.	1.1	1