

Tamer Sinmazcelik

List of Publications by Year in descending order

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66
papers

2,142
citations

411340

20
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263392

45
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all docs

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docs citations

67
times ranked

2129
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of mussel shell reinforcement on mechanical and tribological behavior of polyphenylene sulfide composites. <i>Journal of Thermoplastic Composite Materials</i> , 2022, 35, 1279-1302.	2.6	9
2	Scratch and multi-pass scratch behavior of poly (methyl methacrylate) (PMMA). <i>International Journal of Polymer Analysis and Characterization</i> , 2022, 27, 359-377.	0.9	1
3	Effects of cutting temperature and process optimization in drilling of GFRP composites. <i>Journal of Composite Materials</i> , 2021, 55, 235-249.	1.2	28
4	Investigation of mechanical and tribological behaviour of expanded perlite particle reinforced polyphenylene sulphide. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2021, 235, 2356-2367.	0.7	4
5	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
6	TAILORING SURFACE MORPHOLOGY AND TOPOGRAPHY OF SHOT-PEENED Ti6Al4V VIA GRIT BLASTING. <i>Materiali in Tehnologije</i> , 2021, 55, .	0.3	1
7	Effects of 3D printed surface texture on erosive wear. <i>Tribology International</i> , 2020, 144, 106110.	3.0	16
8	Surface Properties of Titanium Alloys Grit Blasted at Various Particle Impingement Angles. <i>Materials Today: Proceedings</i> , 2020, 32, 18-26.	0.9	0
9	The Effects of Grit Size and Blasting Pressure on the Surface Properties of Grit Blasted Ti6Al4V Alloy. <i>Materials Today: Proceedings</i> , 2020, 32, 27-36.	0.9	5
10	Surface, Subsurface and Tribological Properties of Ti6Al4V Alloy Shot Peened under Different Parameters. <i>Materials</i> , 2020, 13, 4363.	1.3	19
11	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
12	Mathematical modeling of heat distribution on carbon fiber Poly(ether-ether-ketone) (PEEK) composite during laser ablation. <i>Optics and Laser Technology</i> , 2020, 127, 106190.	2.2	7
13	Laser parameters optimization of surface treating of Al 6082-T6 with Taguchi method. <i>Optics and Laser Technology</i> , 2019, 120, 105714.	2.2	27
14	Influence of laser parameters in surface texturing of polyphenylene sulfide composites. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47976.	1.3	3
15	Mathematical modelling of laser ablation of random oriented short glass fiber reinforced Polyphenylene sulphide (PPS) polymer composite. <i>Optics and Laser Technology</i> , 2019, 115, 481-486.	2.2	17
16	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
17	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
18	BIOMECHANICAL COMPARISON OF MEDIAL VERSUS LATERAL SIDED PLATING IN FEMORAL FRACTURES. <i>Acta Ortopedica Brasileira</i> , 2018, 26, 265-270.	0.2	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.	0.2	7
20	Effects of Terpolymer Addition on the Thermal and Thermomechanical Properties of Poly(Phenylene) Tj ETQq0 0 0 rgBT ₂ /Overlock 10 Tf 50	0.2	1
21	Olivine Particle Reinforced Polyphenylene Sulfide Matrix Composites. Acta Physica Polonica A, 2017, 131, 481-484.	0.2	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.	2.3	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.	2.3	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.	0.6	4
25	Effect of mixed size particles reinforcing on the thermal and dynamic mechanical properties of poly(phenylene sulfide) composites. Polymer Composites, 2016, 37, 3219-3227.	2.3	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.	0.2	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.	0.2	3
28	Improvement of the Toughness and Crack Propagation Resistance Properties of Poly(Phenylene) Tj ETQq0 0 0 rgBT ₂ /Overlock 10 Tf 50	0.2	3
29	Silane Coupling Efficiency on Thermal Properties of Volcanic Ash Filled PPS Composites. Acta Physica Polonica A, 2016, 129, 498-500.	0.2	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.	2.3	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, .	0.8	22
32	The effect of TiO ₂ filler content on the mechanical, thermal, and tribological properties of TiO ₂ /PPS composites. Polymer Composites, 2013, 34, 1591-1599.	2.3	13
33	Effect of heat treatment on erosive wear behaviour of Ti6Al4V alloy. Materials Science and Technology, 2013, 29, 1088-1094.	0.8	28
34	A Study on the Derivation of Parametric Cutting Force Equations in Drilling of GFRP Composites. Strojnicki Vestnik/Journal of Mechanical Engineering, 2013, 59, 97-105.	0.6	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.	1.7	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.	2.3	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.	2.6	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.	2.3	10
41	Effects of hydrothermal aging on glass fiber/polyetherimide (PEI) composites. <i>Journal of Materials Science</i> , 2010, 45, 399-404.	1.7	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.	1.6	28
44	Erodent size effect on the erosion of polyphenylene sulfide composite. <i>Polymer Composites</i> , 2010, 31, 985-994.	2.3	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.	1.2	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.	1.7	11
48	Bearing strength of pin-connected polymer composites subjected to dynamic loading. <i>Polymer Composites</i> , 2009, 31, NA-NA.	2.3	1
49	Characterization of the drilling alumina ceramic using Nd:YAG pulsed laser. <i>Journal of Materials Processing Technology</i> , 2009, 209, 2008-2014.	3.1	90
50	Laser welding of Ti6Al4V titanium alloys. <i>Journal of Materials Processing Technology</i> , 2009, 209, 3705-3713.	3.1	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.	1.3	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. <i>Materials & Design</i> , 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). <i>Materials & Design</i> , 2007, 28, 2303-2309.	5.1	25
57	Erosive wear behaviour of polyphenylenesulphide (PPS) composites. <i>Materials & Design</i> , 2007, 28, 2471-2477.	5.1	42
58	Natural weathering effects on the mechanical and surface properties of polyphenylene sulphide (PPS) composites. <i>Materials & Design</i> , 2006, 27, 270-277.	5.1	31
59	Thermal cycles effects on interlaminar shear strength (ILSS) and impact behaviour of carbon/PEI composites. <i>Journal of Materials Science</i> , 2006, 41, 1233-1241.	1.7	12
60	Impact fatigue behaviour of unidirectional carbon fibre reinforced polyetherimide (PEI) composites. <i>Journal of Materials Science</i> , 2006, 41, 6237-6244.	1.7	26
61	Evaluation of Cyanoacrylate Augmentation of Transpedicular Screw Pullout Strength. <i>Journal of Spinal Disorders and Techniques</i> , 2005, 18, 511-514.	1.8	16
62	Effects of double passes of the tool on friction stir welding of polyethylene. <i>Journal of Materials Science</i> , 2005, 40, 3313-3316.	1.7	101
63	Influence of Annealing on the Performance of Short Glass Fiber-reinforced Polyphenylene Sulfide (PPS) Composites. <i>Journal of Composite Materials</i> , 2005, 39, 21-33.	1.2	20
64	Modification of polyolefins with silicone copolymers. II. Thermal, mechanical, and tribological behavior of PP and HDPE blended with silicone copolymers. <i>Journal of Applied Polymer Science</i> , 2002, 84, 535-540.	1.3	10
65	Title is missing!. <i>Journal of Materials Science Letters</i> , 2002, 21, 1809-1811.	0.5	3
66	Investigation of particle erosion of polytetrafluoroethylene and its composites. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 0, , 146442072210819.	0.7	1