

Egemen Avcu

List of Publications by Year in descending order

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34
papers

1,502
citations

623574

14
h-index

414303

32
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34
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docs citations

34
times ranked

1644
citing authors

#	ARTICLE	IF	CITATIONS
1	A review: Fibre metal laminates, background, bonding types and applied test methods. <i>Materials & Design</i> , 2011, 32, 3671-3685.	5.1	731
2	Electrophoretic deposition of chitosan-based composite coatings for biomedical applications: A review. <i>Progress in Materials Science</i> , 2019, 103, 69-108.	16.0	237
3	Electrophoretic co-deposition of PEEK-hydroxyapatite composite coatings for biomedical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 169, 176-182.	2.5	81
4	The influences of ECAP on the dry sliding wear behaviour of AA7075 aluminium alloy. <i>Tribology International</i> , 2017, 110, 173-184.	3.0	51
5	Tailoring the surface characteristics of electrophoretically deposited chitosan-based bioactive glass composite coatings on titanium implants via grit blasting. <i>Progress in Organic Coatings</i> , 2018, 123, 362-373.	1.9	43
6	Fracture strengths of endocrown restorations fabricated with different preparation depths and CAD/CAM materials. <i>Dental Materials Journal</i> , 2018, 37, 256-265.	0.8	36
7	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
8	Effect of heat treatment on erosive wear behaviour of Ti6Al4V alloy. <i>Materials Science and Technology</i> , 2013, 29, 1088-1094.	0.8	28
9	Solid particle erosion behaviour of Ti6Al4V alloy. <i>Tribology - Materials, Surfaces and Interfaces</i> , 2013, 7, 201-210.	0.6	26
10	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
11	Solid Particle Erosive Wear Behavior of Glass Mat Reinforced PPS Composites: Influence of Eroding Particle Size, Pressure, Particle Impingement Angle, and Velocity. <i>Advances in Polymer Technology</i> , 2013, 32, .	0.8	22
12	Surface, Subsurface and Tribological Properties of Ti6Al4V Alloy Shot Peened under Different Parameters. <i>Materials</i> , 2020, 13, 4363.	1.3	19
13	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
14	Effects of the residential built environment on remote work productivity and satisfaction during COVID-19 lockdowns: An analysis of workers' perceptions. <i>Building and Environment</i> , 2022, 219, 109234.	3.0	15
15	Evaluation of Dentin Defect Formation during Retreatment with Hand and Rotary Instruments: A Micro-CT Study. <i>Scanning</i> , 2017, 2017, 1-7.	0.7	14
16	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
17	Mechanical and Thermal Properties of Pumice Powder Filled PPS Composites. <i>Acta Physica Polonica A</i> , 2014, 125, 518-520.	0.2	13
18	Solid particle erosion behavior of thermal barrier coatings produced by atmospheric plasma spray technique. <i>Mechanics of Advanced Materials and Structures</i> , 2019, 26, 1606-1612.	1.5	12

#	ARTICLE	IF	CITATIONS
19	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
20	Dry sliding wear behaviour of additive manufactured CrC-rich WC-Co cemented carbides. <i>Wear</i> , 2021, 486-487, 204127.	1.5	11
21	Modification of Surface and Subsurface Properties of AA1050 Alloy by Shot Peening. <i>Materials</i> , 2021, 14, 6575.	1.3	11
22	A Study on the Derivation of Parametric Cutting Force Equations in Drilling of GFRP Composites. <i>Strojnicki Vestnik/Journal of Mechanical Engineering</i> , 2013, 59, 97-105.	0.6	10
23	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
24	Micro-computerized tomography analysis of cement voids and pull-out strength of glass fiber posts luted with self-adhesive and glass-ionomer cements in the root canal. <i>Journal of Adhesion Science and Technology</i> , 2016, 30, 1585-1595.	1.4	7
25	Dry Sliding Wear Behaviour of Shot Peened Ti6Al4V Alloys at Different Peening Times. <i>Acta Physica Polonica A</i> , 2018, 134, 349-353.	0.2	7
26	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
27	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
28	Bilyal Dönme Parametrelerinin AA7075 Al ₃ /4minyum Ala ₂ m ₂ n ₂ n Y ₄ zey Alt ₂ zelliklerine Etkileri. <i>Gazi Üni-versitesi Fen Bilimleri Dergisi</i> , 0, , .	0.2	4
29	3D Imaging of Indentation Damage in Bone. <i>Materials</i> , 2018, 11, 2533.	1.3	3
30	Investigation of the Effects of Erosion Test Parameters on the Particle Impengement Velocity by Using CFD Analysis. <i>Acta Physica Polonica A</i> , 2015, 127, 1225-1229.	0.2	3
31	Optimization of Surface Properties of Shot Peened Ti6Al4V Alloy. <i>Acta Physica Polonica A</i> , 2015, 127, 984-986.	0.2	3
32	TAILORING SURFACE MORPHOLOGY AND TOPOGRAPHY OF SHOT-PEENED Ti6Al4V VIA GRIT BLASTING. <i>Materiali in Tehnologije</i> , 2021, 55, .	0.3	1
33	Effect of micro blasting process parameters on 3D surface topography and surface properties of zirconia (ZrO ₂) ceramics. <i>Engineering Reports</i> , 2021, 3, e12358.	0.9	1
34	Surface Properties of Titanium Alloys Grit Blasted at Various Particle Impingement Angles. <i>Materials Today: Proceedings</i> , 2020, 32, 18-26.	0.9	0