

# Serkan Nohut

## List of Publications by Year in descending order

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23  
papers

290  
citations

1040056

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996975

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23  
all docs

23  
docs citations

23  
times ranked

216  
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview of wire arc additive manufacturing (WAAM) in shipbuilding industry. Ships and Offshore Structures, 0, , 1-18.	1.9	61
2	Fracture statistics of dental ceramics: Discrimination of strength distributions. Ceramics International, 2012, 38, 4979-4990.	4.8	31
3	Influence of sample size on strength distribution of advanced ceramics. Ceramics International, 2014, 40, 4285-4295.	4.8	29
4	Failure probability of ceramic coil springs. Journal of the European Ceramic Society, 2009, 29, 1013-1019.	5.7	24
5	Prediction of crack-tip toughness of alumina for given residual stresses with parallel-bonded-particle model. Computational Materials Science, 2011, 50, 1509-1519.	3.0	23
6	Vat Photopolymerization Additive Manufacturing of Functionally Graded Materials: A Review. Journal of Manufacturing and Materials Processing, 2022, 6, 17.	2.2	18
7	Determination of the multiaxial failure criteria for alumina ceramics under tension-torsion test. Journal of the European Ceramic Society, 2010, 30, 3339-3349.	5.7	17
8	Predicting air permeability and porosity of nonwovens with image processing and artificial intelligence methods. Journal of the Textile Institute, 2020, 111, 1641-1651.	1.9	14
9	A general formulation for strength prediction of advanced ceramics by ball-on-three-balls (B3B)-test with different multiaxial failure criteria. Ceramics International, 2012, 38, 2411-2420.	4.8	13
10	Effects of process parameters on the properties of wet-spun solid PVDF fibers. Textile Research Journal, 2014, 84, 2214-2225.	2.2	13
11	Three-parameter (3P) weibull distribution for characterization of strength of ceramics showing R-Curve behavior. Ceramics International, 2021, 47, 2270-2279.	4.8	12
12	Production and characterization of recycled polyester (r-PET) blend vortex and ring spun yarns. Journal of the Textile Institute, 2020, 111, 1705-1712.	1.9	11
13	Optimal Linear Regression Estimator in the Fitting of Weibull Strength Distribution. Journal of Testing and Evaluation, 2014, 42, 1396-1407.	0.7	7
14	Fatigue analysis of ship structures with hinged deck design by finite element method. A case study: Fatigue analysis of the primary supporting members of 4900 PCTC. Marine Structures, 2012, 25, 1-12.	3.8	5
15	INVESTIGATION OF MICRO-MACROSCALE INTERACTION OF HETEROGENEOUS MATERIALS BY A PARALLEL-BONDED PARTICLE MODEL AND INTRODUCTION OF NEW MICROPARAMETER DETERMINATION FORMULATIONS. International Journal for Multiscale Computational Engineering, 2014, 12, 1-21.	1.2	3
16	Estimation of Areal Weight, Grab Tensile Strength, and Elongation at Break of PP Spunbond Nonwovens using Digital Image Analysis and Artificial Neural Networks. Journal of Engineered Fibers and Fabrics, 2015, 10, 155892501501000.	1.0	2
17	Melt-spun talc-filled polypropylene fibers and yarns with higher thermal shock resistance. Textile Research Journal, 2017, 87, 31-45.	2.2	2
18	Data-Driven Generative Design Integrated with Hybrid Additive Subtractive Manufacturing (HASM) for Smart Cities. Advanced Sciences and Technologies for Security Applications, 2021, , 205-228.	0.5	2

#	ARTICLE	IF	CITATIONS
19	Lithography-based additive manufacturing of porosity graded alumina. Additive Manufacturing Letters, 2022, 3, 100060.	2.1	2
20	DEVELOPMENT OF AN ALGORITHM TO DETERMINE THE LIQUID SPREADING AREA OF AIRLAID NONWOVEN FABRICS BY IMAGE PROCESSING METHOD. Tekstil Ve Konfeksiyon, 0, , .	0.8	1
21	Influence of Surface Treatment on Strength Distribution of Vita VMK 68 Dental Porcelains. Advances in Materials Science and Engineering, 2013, 2013, 1-7.	1.8	0
22	Analytical and Numerical Analysis of the Strength Performance of a Novel Ship Construction Profile. Journal of ETA Maritime Science, 2021, 9, 200-209.	0.9	0
23	Effect of Thermal Stresses on Crack-Tip Toughness of Polycrystalline Ceramics. , 2014, , 1148-1155.		0