Burak Birgoren

List of Publications by Year
in descending order

18	343	1307594	1058476
18 papers	**343** citations	**7** h-index	**14** g-index
18 all docs	**18** docs citations	**18** times ranked	**285** citing authors

#	Article	IF	Citations
1	Design optimization of cutting parameters when turning hardened AISI 4140 steel (63 HRC) with Al2O3+TiCN mixed ceramic tool. Materials & Design, 2007, 28, 1618-1622.	5.1	167
2	A Decision Support System for Dynamic Job-Shop Scheduling Using Real-Time Data with Simulation. Mathematics, 2019, 7, 278.	2.2	33
3	A spreadsheet-based decision support tool for blending problems in brass casting industry. Computers and Industrial Engineering, 2009, 56, 724-735.	6.3	26
4	A possibilistic aggregate production planning model for brass casting industry. Production Planning and Control, 2010, 21, 319-338.	8.8	23
5	Stochastic optimization for blending problem in brass casting industry. Annals of Operations Research, 2011, 186, 141-157.	4.1	18
6	A computer simulation for estimating lower bound fracture strength of composites using Weibull distribution. Composites Part B: Engineering, 2004, 35, 263-266.	12.0	16
7	Confidence interval estimation of Weibull lower percentiles in small samples via Bayesian inference. Journal of the European Ceramic Society, 2017, 37, 2983-2990.	5.7	13
8	Detection of Gear Wear and Faults in Spur Gear Systems Using Statistical Parameters and Univariate Statistical Process Control Charts. Arabian Journal for Science and Engineering, 0, , 1.	3.0	11
9	A clone-based graphical modeler and mathematical model generator for optimal production planning in process industries. European Journal of Operational Research, 2002, 137, 483-496.	5.7	10
10	Calculation Challenges and Solution Suggestions for Risk Factors in the Risk Analysis Method in the Fine Kinney Risk Analysis Method. UluslararasÄ± Muhendislik Arastirma Ve Gelistirme Dergisi, 2017, 9, 19-25.	0.2	10
11	A statistical design optimization study of a multi-chamber reactive type silencer using simplex centroid mixture design. Journal of Low Frequency Noise Vibration and Active Control, 2021, 40, 623-638.	2.9	7
12	Analysis of the Studies on E-learning Acceptance of Learners in the Middle East and the Proposal of an Extended Technology Acceptance Model. Kastamonu EÄŸitim Dergisi, 2020, 28, 1977-1986.	0.3	3
13	Estimating confidence lower bounds for Weibull percentiles. Journal of Materials Science Letters, 2003, 22, 1121-1124.	0.5	2
14	Joint optimization of quality and cost in brass casting using stochastic programming. Engineering Optimization, 2020, 52, 1645-1657.	2.6	1
15	KULLANICI TÄ°PÄ°, BÄ°LGE, KÃœLTÃœR, REFAH VE GELÄ°ÅžMÄ°ÅžLÄ°K SEVÄ°YELERÄ°NE GÃ–RE KULLANICILARIN E-Ã–ÄžRENME KABULÃœNÃœ ETKÄ°LEYEN FAKTÃ–RLERÄ°N ANALÄ°ZÄ°. MANAS Sosyal AraÅŸtÄ±rmalar Dergisi, 2019, 8, 2214-2242.	0.7	1
16	Kalite ve maliyet perspektiflerinden pirinÃ§ alaÅŸÄ±mÄ± harmanlama problemi: Ã§ok amaÃ§lÄ± bir optimizasyon yaklaÅŸÄ±mÄ±. Journal of the Faculty of Engineering and Architecture of Gazi University, 0, , .	0.8	1
17	Bayesian Confidence Interval Estimation of Weibull Modulus Under Increasing Failure Rate. Gazi University Journal of Science, 2021, 34, 290-309.	1.2	1
18	Shortest Confidence Intervals for Weibull Modulus for Small Samples in Materials Reliability Analysis. Gazi University Journal of Science, 0, , .	1.2	0