

# Huseyin Kurtuldu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7600773/publications.pdf>

Version: 2024-02-01

12  
papers

215  
citations

1478505

6  
h-index

1588992

8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

286  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of an optical measurement system for surface depth measurements and study of focus effect on determination of steel inclusion content by EN-10247. <i>Optical Engineering</i> , 2021, 60, .	1.0	0
2	A portable microfluidic platform for rapid determination of microbial load and somatic cell count in milk. <i>Biomedical Microdevices</i> , 2019, 21, 49.	2.8	11
3	The Effect of Constant Magnetic Fields on Programmable Shunts. <i>Natural and Applied Sciences Journal</i> , 2018, 1, 8-15.	0.2	1
4	Smartphones and Programmable Shunts: Are These Indispensable Phones Safe and Smart?. <i>World Neurosurgery</i> , 2017, 102, 518-525.	1.3	6
5	A Specific Image Processing Code in MatLab to Perform Advanced Nodularity and Nodule Count Analysis of Austempered Ductile Iron Castings. <i>Microscopy and Microanalysis</i> , 2017, 23, 232-233.	0.4	0
6	Wear resistance performance of boron nitride coatings on end milling cutters. <i>International Journal of Mechatronics and Manufacturing Systems</i> , 2017, 10, 206.	0.1	0
7	A medical waste management model for public private partnership hospitals. , 2016, , .		4
8	Particle control challenges in process chemicals and ultra-pure water for sub-10nm technology nodes. <i>Proceedings of SPIE</i> , 2014, , .	0.8	4
9	Extensive Scaling from Computational Homology and Karhunen-Loève Decomposition Analysis of Rayleigh-Bénard Convection Experiments. <i>Physical Review Letters</i> , 2011, 107, 034503.	7.8	13
10	Enhancement of biomixing by swimming algal cells in two-dimensional films. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10391-10395.	7.1	129
11	State and parameter estimation of spatiotemporally chaotic systems illustrated by an application to Rayleigh-Bénard convection. <i>Chaos</i> , 2009, 19, 013108.	2.5	20
12	Homology and symmetry breaking in Rayleigh-Bénard convection: Experiments and simulations. <i>Physics of Fluids</i> , 2007, 19, 117105.	4.0	27