

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