Jeongsu Lee

List of Publications by Year
in descending order

13	597	1163117 8	1372567 10
papers	citations	h-index	g-index

13	13	13	871
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Flutter-driven triboelectrification for harvesting wind energy. Nature Communications, 2014, 5, 4929.	12.8	338
2	Kinematic Condition for Maximizing the Thrust of a Robotic Fish Using a Compliant Caudal Fin. IEEE Transactions on Robotics, 2012, 28, 1216-1227.	10.3	84
3	Fault detection based on one-class deep learning for manufacturing applications limited to an imbalanced database. Journal of Manufacturing Systems, 2020, 57, 357-366.	13.9	46
4	Spontaneous Marangoni Mixing of Miscible Liquids at a Liquidâ€“Liquidâ€“Air Contact Line. Langmuir, 2015, 31, 8726-8731.	3.5	33
5	Migration from the traditional to the smart factory in the die-casting industry: Novel process data acquisition and fault detection based on artificial neural network. Journal of Materials Processing Technology, 2021, 290, 116972.	6.3	24
6	Hydrodynamic advantages of a low aspect-ratio flapping foil. Journal of Fluids and Structures, 2017, 71, 70-77.	3.4	21
7	A scaling law for the lift of hovering insects. Journal of Fluid Mechanics, 2015, 782, 479-490.	3.4	20
8	Wake and thrust of an angularly reciprocating plate. Journal of Fluid Mechanics, 2013, 720, 545-557.	3.4	10
9	The effect of compliant joint and caudal fin in thrust generation for robotic fish. , 2010, , .		8
10	Contact behavior of a fluttering flag with an adjacent plate. Physics of Fluids, 2021, 33, .	4.0	7
11	Deep neural network and meta-learning-based reactive sputtering with small data sample counts. Journal of Manufacturing Systems, 2022, 62, 703-717.	13.9	6
12	Code generation and recognition using a modified ejection system in die-casting process. China Foundry, 2020, 17, 364-371.	1.4	0
13	Regime changes of industrial powder mixing in a stirred vessel. Powder Technology, 2021, 392, 306-316.	4.2	0