Rhea P Liem

List of Publications by Year
in descending order

13 papers	458 citations	1307594 7 h-index	1720034 7 g-index
14 all docs	14 docs citations	14 times ranked	295 citing authors

#	Article	IF	Citations
1	Navigating kernel selections in kernel-based methods: The issues and possible solutions. , 2022, , .		0
2	Flight performance analysis with data-driven mission parameterization: mapping flight operational data to aircraft performance analysis. Transportation Engineering, 2020, 2, 100035.	4.2	13
3	Gradient-Enhanced Universal Kriging with Polynomial Chaos as Trend Function. , 2020, , .		0
4	Data-Driven Approach for Aircraft Arrival Flow Investigation at Terminal Maneuvering Area. , 2020, , .		2
5	Data-driven Operation-based Aircraft Design Optimization. , 2020, , .		0
6	Aircraft Reserve Fuel Study with High-fidelity Fuel Approximation Model. , 2019, , .		1
7	Decomposed-coordinated surrogate modeling strategy for compound function approximation in a turbine-blisk reliability evaluation. Aerospace Science and Technology, 2019, 95, 105466.	4.8	50
8	Improved Kriging with extremum response surface method for structural dynamic reliability and sensitivity analyses. Aerospace Science and Technology, 2018, 76, 164-175.	4.8	77
9	Aircraft fuel burn performance study: A data-enhanced modeling approach. Transportation Research, Part D: Transport and Environment, 2018, 65, 574-595.	6.8	39
10	Expected drag minimization for aerodynamic design optimization based on aircraft operational data. Aerospace Science and Technology, 2017, 63, 344-362.	4.8	47
11	Efficient Fast Approximation for Aircraft Fuel Consumption for Decision-Making and Policy Analysis. , 2017, , .		4
12	Surrogate models and mixtures of experts in aerodynamic performance prediction for aircraft mission analysis. Aerospace Science and Technology, 2015, 43, 126-151.	4.8	102
13	Multimission Aircraft Fuel-Burn Minimization via Multipoint Aerostructural Optimization. AIAA Journal, 2015, 53, 104-122.	2.6	123