

Waterloo Tsutsui

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/308747/publications.pdf>

Version: 2024-02-01

13
papers

197
citations

1478458

6
h-index

1474186

9
g-index

14
all docs

14
docs citations

14
times ranked

211
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and thermomechanical analysis of a cell-integrated, tapered channel heat sink concept for prismatic battery cells. Applied Thermal Engineering, 2021, 189, 116676.	6.0	7
2	Enhancing surface characteristics of additively manufactured fiber reinforced thermoplastic mold using thermoset coating with ceramic particles. Surface and Coatings Technology, 2021, 422, 127536.	4.8	5
3	State-of-Charge and Deformation-Rate Dependent Mechanical Behavior of Electrochemical Cells. Experimental Mechanics, 2018, 58, 627-632.	2.0	16
4	Investigating the effects of fluid intrusion on Nomex® honeycomb sandwich structures with carbon fiber facesheets. Composite Structures, 2018, 206, 535-549.	5.8	28
5	Effect of projectile nose geometry on the critical velocity and failure of yarn subjected to transverse impact. Textile Research Journal, 2017, 87, 953-972.	2.2	39
6	Bi-objective optimal design of a damage-tolerant multifunctional battery system. Materials and Design, 2016, 105, 51-65.	7.0	20
7	Mechanical Energy Dissipation in a Multifunctional Battery System. MRS Advances, 2016, 1, 381-388.	0.9	8
8	Crash analysis of a conceptual electric vehicle with a damage tolerant battery pack. Extreme Mechanics Letters, 2016, 9, 371-378.	4.1	65
9	The impact of supervised homework sessions and SAT-Math scores on academic performance in an advanced undergraduate course. , 2016, , .		1
10	A single crystal silicon low-g switch tolerant to impact accelerations up to 24,000 g. , 2015, , .		1
11	Shaping Our Future With Sustainable Energy: A Direction From Young Engineers. , 2012, , .		1
12	The Effectiveness of Weekly Supervised Homework Sessions in an Aerospace Structural Mechanics Course. , 0, , .		2
13	The Implementation of Virtual Labs in Aerospace Structures Education. , 0, , .		2