

Eleonora Balducci

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Knock induced erosion on Al pistons: Examination of damage morphology and its causes. Engineering Failure Analysis, 2018, 92, 12-31.	1.8	15
2	High Temperature Tensile Tests of the Lightweight 2099 and 2055 Al-Cu-Li Alloy: A Comparison. Jom, 2018, 70, 2716-2725.	0.9	12
3	Thermal stability of the lightweight 2099 Al-Cu-Li alloy: Tensile tests and microstructural investigations after overaging. Materials and Design, 2017, 119, 54-64.	3.3	65
4	Effects of overaging on microstructure and tensile properties of the 2055 Al-Cu-Li-Ag alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 707, 221-231.	2.6	36
5	Experimental observations of engine piston damage induced by knocking combustion. Materials and Design, 2017, 114, 312-325.	3.3	34
6	EN AW-4032 T6 Piston Alloy After High-Temperature Exposure: Residual Strength and Microstructural Features. Journal of Materials Engineering and Performance, 2017, 26, 3802-3812.	1.2	7
7	Analysis of Pre-ignition Combustions Triggered by Heavy Knocking Events in a Turbocharged GDI Engine. Energy Procedia, 2016, 101, 893-900.	1.8	9
8	High Temperature Behavior of the EN AW-2618A Piston Alloy Containing 0.12wt% Zr: Influence of Heat Treatment. Materials Today: Proceedings, 2015, 2, 5037-5044.	0.9	5
9	Investigation of Knock Damage Mechanisms on a GDI TC Engine. , 0, , .		9