Dimos Paraskevas

List of Publications by Year
in descending order

19	816	759233 12	888059 17
papers	citations	h-index	g-index

19	19	19	855
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluating the material resource efficiency of secondary aluminium production: A Monte Carlo-based decision-support tool. Journal of Cleaner Production, 2019, 215, 488-496.	9.3	12
2	Environmental modelling of aluminium based components manufacturing routes: Additive manufacturing versus machining versus forming. Journal of Cleaner Production, 2018, 176, 261-275.	9.3	104
3	Sustainable aluminium recycling of end-of-life products: A joining techniques perspective. Journal of Cleaner Production, 2018, 178, 119-132.	9.3	61
4	Complex deformation routes for direct recycling aluminium alloy scrap via industrial hot extrusion. AIP Conference Proceedings, 2018, , .	0.4	2
5	Environmental Impact of Additive Manufacturing Processes: Does AM Contribute to a More Sustainable Way of Part Manufacturing?. Procedia CIRP, 2017, 61, 582-587.	1.9	167
6	Incorporating denitrification-decomposition method to estimate field emissions for Life Cycle Assessment. Science of the Total Environment, 2017, 593-594, 65-74.	8.0	9
7	Environmental screening of novel technologies to increase material circularity: A case study on aluminium cans. Resources, Conservation and Recycling, 2017, 127, 96-106.	10.8	31
8	Solid state recycling of aluminium alloys via a porthole die hot extrusion process: Scaling up to production. AIP Conference Proceedings, 2017, , .	0.4	4
9	Current Status, Future Expectations and Mitigation Potential Scenarios for China's Primary Aluminium Industry. Procedia CIRP, 2016, 48, 295-300.	1.9	13
10	Solid state recycling of pure Mg and AZ31 Mg machining chips via spark plasma sintering. Materials and Design, 2016, 109, 520-529.	7.0	30
11	Life cycle assessment of flax-fibre reinforced epoxidized linseed oil composite with a flame retardant for electronic applications. Journal of Cleaner Production, 2016, 133, 427-438.	9.3	61
12	Environmental Impact Analysis of Primary Aluminium Production at Country Level. Procedia CIRP, 2016, 40, 209-213.	1.9	49
13	Environmental Comparison of Metal Coating Processes. Procedia CIRP, 2015, 29, 420-425.	1.9	4
14	Environmental assessment of solid state recycling routes for aluminium alloys: Can solid state processes significantly reduce the environmental impact of aluminium recycling?. CIRP Annals - Manufacturing Technology, 2015, 64, 37-40.	3.6	90
15	The Use of Spark Plasma Sintering to Fabricate a Two-phase Material from Blended Aluminium Alloy Scrap and Gas Atomized Powder. Procedia CIRP, 2015, 26, 455-460.	1.9	12
16	Environmental modelling of aluminium recycling: a Life Cycle Assessment tool for sustainable metal management. Journal of Cleaner Production, 2015, 105, 357-370.	9.3	101
17	Spark Plasma Sintering As a Solid-State Recycling Technique: The Case of Aluminum Alloy Scrap Consolidation. Materials, 2014, 7, 5664-5687.	2.9	49
18	Sustainable Metal Management and Recycling Loops: Life Cycle Assessment for Aluminium Recycling Strategies. , 2013, , 403-408.		8

#	Article	IF	Citations
19	Solid State Recycling of Aluminium Sheet Scrap by Means of Spark Plasma Sintering. Key Engineering Materials, 0, 639, 493-498.	0.4	9