

Dimos Paraskevas

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

816
citations

759233

12
h-index

888059

17
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19
all docs

19
docs citations

19
times ranked

855
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental Impact of Additive Manufacturing Processes: Does AM Contribute to a More Sustainable Way of Part Manufacturing?. <i>Procedia CIRP</i> , 2017, 61, 582-587.	1.9	167
2	Environmental modelling of aluminium based components manufacturing routes: Additive manufacturing versus machining versus forming. <i>Journal of Cleaner Production</i> , 2018, 176, 261-275.	9.3	104
3	Environmental modelling of aluminium recycling: a Life Cycle Assessment tool for sustainable metal management. <i>Journal of Cleaner Production</i> , 2015, 105, 357-370.	9.3	101
4	Environmental assessment of solid state recycling routes for aluminium alloys: Can solid state processes significantly reduce the environmental impact of aluminium recycling?. <i>CIRP Annals - Manufacturing Technology</i> , 2015, 64, 37-40.	3.6	90
5	Life cycle assessment of flax-fibre reinforced epoxidized linseed oil composite with a flame retardant for electronic applications. <i>Journal of Cleaner Production</i> , 2016, 133, 427-438.	9.3	61
6	Sustainable aluminium recycling of end-of-life products: A joining techniques perspective. <i>Journal of Cleaner Production</i> , 2018, 178, 119-132.	9.3	61
7	Spark Plasma Sintering As a Solid-State Recycling Technique: The Case of Aluminum Alloy Scrap Consolidation. <i>Materials</i> , 2014, 7, 5664-5687.	2.9	49
8	Environmental Impact Analysis of Primary Aluminium Production at Country Level. <i>Procedia CIRP</i> , 2016, 40, 209-213.	1.9	49
9	Environmental screening of novel technologies to increase material circularity: A case study on aluminium cans. <i>Resources, Conservation and Recycling</i> , 2017, 127, 96-106.	10.8	31
10	Solid state recycling of pure Mg and AZ31 Mg machining chips via spark plasma sintering. <i>Materials and Design</i> , 2016, 109, 520-529.	7.0	30
11	Current Status, Future Expectations and Mitigation Potential Scenarios for China's Primary Aluminium Industry. <i>Procedia CIRP</i> , 2016, 48, 295-300.	1.9	13
12	The Use of Spark Plasma Sintering to Fabricate a Two-phase Material from Blended Aluminium Alloy Scrap and Gas Atomized Powder. <i>Procedia CIRP</i> , 2015, 26, 455-460.	1.9	12
13	Evaluating the material resource efficiency of secondary aluminium production: A Monte Carlo-based decision-support tool. <i>Journal of Cleaner Production</i> , 2019, 215, 488-496.	9.3	12
14	Solid State Recycling of Aluminium Sheet Scrap by Means of Spark Plasma Sintering. <i>Key Engineering Materials</i> , 0, 639, 493-498.	0.4	9
15	Incorporating denitrification-decomposition method to estimate field emissions for Life Cycle Assessment. <i>Science of the Total Environment</i> , 2017, 593-594, 65-74.	8.0	9
16	Sustainable Metal Management and Recycling Loops: Life Cycle Assessment for Aluminium Recycling Strategies. , 2013, , 403-408.		8
17	Environmental Comparison of Metal Coating Processes. <i>Procedia CIRP</i> , 2015, 29, 420-425.	1.9	4
18	Solid state recycling of aluminium alloys via a porthole die hot extrusion process: Scaling up to production. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	4

#	ARTICLE	IF	CITATIONS
19	Complex deformation routes for direct recycling aluminium alloy scrap via industrial hot extrusion. AIP Conference Proceedings, 2018, , .	0.4	2