

# Advenit Makaya

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4317682/publications.pdf>

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7  
papers

157  
citations

1478505

6  
h-index

1720034

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g-index

8  
all docs

8  
docs citations

8  
times ranked

171  
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges in Additive Manufacturing of Space Parts: Powder Feedstock Cross-Contamination and Its Impact on End Products. <i>Materials</i> , 2017, 10, 522.	2.9	34
2	A new planetary structure fabrication process using phosphoric acid. <i>Acta Astronautica</i> , 2018, 143, 272-284.	3.2	34
3	Additive manufacturing of lunar regolith structures. <i>Open Ceramics</i> , 2021, 5, 100058.	2.0	32
4	Development of Ni-base metal matrix composites by powder metallurgy hot isostatic pressing for space applications. <i>Advanced Powder Technology</i> , 2022, 33, 103411.	4.1	21
5	Towards out of earth manufacturing: overview of the ESA materials and processes activities on manufacturing in space. <i>CEAS Space Journal</i> , 2023, 15, 69-75.	2.3	15
6	Iron can be microbially extracted from Lunar and Martian regolith simulants and 3D printed into tough structural materials. <i>PLoS ONE</i> , 2021, 16, e0249962.	2.5	12
7	Powder HIP of pure Nb and C-103 alloy: The influence of powder characteristics on mechanical properties. <i>International Journal of Refractory Metals and Hard Materials</i> , 2022, 104, 105803.	3.8	7