

# Advenit Makaya

## List of Publications by Year in descending order

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

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171  
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#	ARTICLE	IF	CITATIONS
1	Towards out of earth manufacturing: overview of the ESA materials and processes activities on manufacturing in space. CEAS Space Journal, 2023, 15, 69-75.	2.3	15
2	Development of Ni-base metal matrix composites by powder metallurgy hot isostatic pressing for space applications. Advanced Powder Technology, 2022, 33, 103411.	4.1	21
3	Powder HIP of pure Nb and C-103 alloy: The influence of powder characteristics on mechanical properties. International Journal of Refractory Metals and Hard Materials, 2022, 104, 105803.	3.8	7
4	Additive manufacturing of lunar regolith structures. Open Ceramics, 2021, 5, 100058.	2.0	32
5	Iron can be microbially extracted from Lunar and Martian regolith simulants and 3D printed into tough structural materials. PLoS ONE, 2021, 16, e0249962.	2.5	12
6	A new planetary structure fabrication process using phosphoric acid. Acta Astronautica, 2018, 143, 272-284.	3.2	34
7	Challenges in Additive Manufacturing of Space Parts: Powder Feedstock Cross-Contamination and Its Impact on End Products. Materials, 2017, 10, 522.	2.9	34