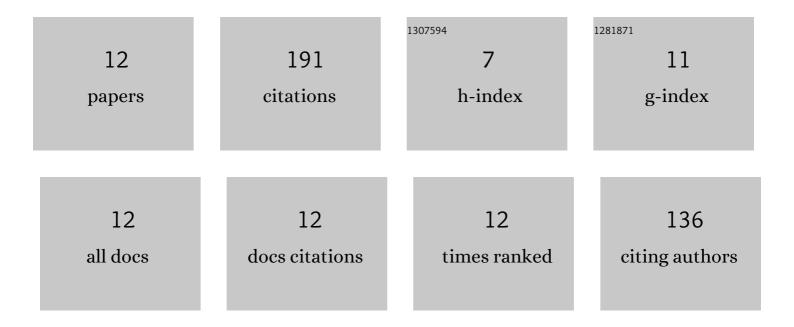
## Svyatoslav Chugunov

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2715922/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Regolith-based additive manufacturing for sustainable development of lunar infrastructure – An overview. Acta Astronautica, 2021, 180, 650-678.	3.2	71
2	Characterization of novel lunar highland and mare simulants for ISRU research applications. Icarus, 2022, 376, 114873.	2.5	30
3	Numerical simulation of sintering for 3D-printed ceramics via SOVS model. Ceramics International, 2019, 45, 19027-19035.	4.8	16
4	Design and Fabrication of Complex-Shaped Ceramic Bone Implants via 3D Printing Based on Laser Stereolithography. Applied Sciences (Switzerland), 2020, 10, 7138.	2.5	16
5	Progress and challenges of 3D-printing technologies in the manufacturing of piezoceramics. Ceramics International, 2021, 47, 10478-10511.	4.8	16
6	The Fabrication and Characterization of BaTiO3 Piezoceramics Using SLA 3D Printing at 465 nm Wavelength. Materials, 2022, 15, 960.	2.9	15
7	Evolution of SLA-Based Al2O3 Microstructure During Additive Manufacturing Process. Materials, 2020, 13, 3928.	2.9	9
8	Modeling Water Droplet Freezing and Collision with a Solid Surface. Energies, 2021, 14, 1020.	3.1	5
9	Evaluation of Stereolithography-Based Additive Manufacturing Technology for BaTiO3 Ceramics at 465 nm. Applied Sciences (Switzerland), 2022, 12, 412.	2.5	5
10	Towards Creation of Ceramic-Based Low Permeability Reference Standards. Materials, 2019, 12, 3886.	2.9	4
11	An Accelerated Slicing Algorithm for Frep Models. Applied Sciences (Switzerland), 2021, 11, 6767.	2.5	3
12	Computer-Aided Modeling and Additive Manufacturing of Promising Protective Layer Materials for Catalytic Reactors. Petroleum Chemistry, 2021, 61, 1207-1216.	1.4	1