

# Svyatoslav Chugunov

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

191  
citations

1307594

7  
h-index

1281871

11  
g-index

12  
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12  
docs citations

12  
times ranked

136  
citing authors

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