

# Sergei Chekurov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8731675/publications.pdf>

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15  
papers

348  
citations

1040056

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h-index

1125743

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g-index

15  
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15  
docs citations

15  
times ranked

392  
citing authors

#	ARTICLE	IF	CITATIONS
1	The perceived value of additively manufactured digital spare parts in industry: An empirical investigation. <i>International Journal of Production Economics</i> , 2018, 205, 87-97.	8.9	99
2	Design-dependent shrinkage compensation modeling and mechanical property targeting of metal FFF. <i>Progress in Additive Manufacturing</i> , 2020, 5, 51-57.	4.8	54
3	Evaluating the Readiness Level of Additively Manufactured Digital Spare Parts: An Industrial Perspective. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1837.	2.5	37
4	Additive Manufacturing in Offsite Repair of Consumer Electronics. <i>Physics Procedia</i> , 2017, 89, 23-30.	1.2	34
5	Implications of lattice structures on economics and productivity of metal powder bed fusion. <i>Additive Manufacturing</i> , 2020, 31, 100947.	3.0	32
6	Digital manufacturing applicability of a laser sintered component for automotive industry: a case study. <i>Rapid Prototyping Journal</i> , 2018, 24, 1203-1211.	3.2	20
7	Additively manufactured high-performance counterflow heat exchanger. <i>Progress in Additive Manufacturing</i> , 2019, 4, 55-61.	4.8	18
8	Selective Laser Melted Digital Hydraulic Valve System. <i>3D Printing and Additive Manufacturing</i> , 2017, 4, 215-221.	2.9	16
9	Assessing industrial barriers of additively manufactured digital spare part implementation in the machine-building industry: a cross-organizational focus group interview study. <i>Journal of Manufacturing Technology Management</i> , 2021, 32, 909-931.	6.4	11
10	Post-processing opportunities of professional and consumer grade 3D printing equipment: a comparative study. <i>International Journal of Rapid Manufacturing</i> , 2015, 5, 58.	0.5	7
11	Development, Implementation, and Assessment of a Creative Additive Manufacturing Design Assignment: Interpreting Improvements in Student Performance. <i>Education Sciences</i> , 2020, 10, 156.	2.6	7
12	The Applicability of the 40 TRIZ Principles in Design for Additive Manufacturing. <i>Annals of DAAAM &amp; Proceedings</i> , 2018, , 0888-0893.	0.1	7
13	Effect of build orientation in 3D printing production for material extrusion, material jetting, binder jetting, sheet object lamination, vat photopolymerisation, and powder bed fusion. <i>International Journal of Collaborative Enterprise</i> , 2016, 5, 218.	0.2	4
14	Additive Manufacturing Validation Methods, Technology Transfer Based on Case Studies. , 2019, , 99-112.		2
15	The Perceived Value of Additively Manufactured Digital Spare Parts in the Industry: An Empirical Investigation. , 2020, , 351-377.		0