

# Vitalii Panchuk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3470981/publications.pdf>

Version: 2024-02-01

13  
papers

114  
citations

1307594

7  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

47  
citing authors

#	ARTICLE	IF	CITATIONS
1	Principles of development of product lifecycle management system for threaded connections based on the Python programming language. Journal of Physics: Conference Series, 2020, 1426, 012033.	0.4	16
2	Theoretical investigation of the tapered thread joint surface contact pressure in the dependence on the profile and the geometric parameters of the threading turning tool. IOP Conference Series: Materials Science and Engineering, 2020, 749, 012007.	0.6	15
3	Computerized system based on FreeCAD for geometric simulation of the oil and gas equipment thread turning. IOP Conference Series: Materials Science and Engineering, 0, 477, 012032.	0.6	13
4	Analytical Study of Kinematic Rake Angles of Cutting Edge of Lathe Tool for Tapered Thread Manufacturing. Lecture Notes in Mechanical Engineering, 2020, , 236-245.	0.4	12
5	The Application of the Uncorrected Tool with a Negative Rake Angle for Tapered Thread Turning. Lecture Notes in Mechanical Engineering, 2020, , 149-158.	0.4	11
6	Formation of the Structure of Cr <sub>3</sub> C <sub>2</sub> -MnMts 60-20-20 Cermets. Materials Science, 2016, 52, 188-193.	0.9	10
7	Innovative methods of popularizing technical education. IOP Conference Series: Materials Science and Engineering, 2017, 200, 012023.	0.6	9
8	Kinematics of the Tapered Thread Machining by Lathe: Analytical Study. Lecture Notes in Mechanical Engineering, 2021, , 555-565.	0.4	7
9	Influence of Working Height of a Thread Profile on Quality Indicators of the Drill-String Tool-Joint. Lecture Notes in Mechanical Engineering, 2022, , 395-404.	0.4	7
10	Geometric Modeling of Lathe Cutters for Turning High-Precision Stainless Steel Tapered Threads. Lecture Notes in Mechanical Engineering, 2021, , 472-480.	0.4	6
11	Component-oriented acausal modeling of the dynamical systems in Python language on the example of the model of the sucker rod string. PeerJ Computer Science, 2019, 5, e227.	4.5	6
12	Impact of the Tool's Flank Clearance Angle on the Pitch Diameter Accuracy of the Tool-Joint Tapered Thread. Lecture Notes in Mechanical Engineering, 2022, , 312-321.	0.4	2
13	Analytical investigations of the accuracy of the small diameter tool-joint tapered thread made by a lathe machining. New Trends in Production Engineering, 2019, 2, 268-276.	0.3	0