

# Volodymyr Kopei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7185314/publications.pdf>

Version: 2024-02-01

14  
papers

108  
citations

1307594

7  
h-index

1372567

10  
g-index

16  
all docs

16  
docs citations

16  
times ranked

25  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of the Thread Profile Accuracy on Contact Pressure in Oil and Gas Pipes Connectors. Lecture Notes in Mechanical Engineering, 2020, , 432-441.	0.4	18
2	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
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	Computer Studies of the Tightness of the Drill String Connector Depending on the Profile of Its Tapered Thread. Lecture Notes in Networks and Systems, 2020, , 720-729.	0.7	8
7	Development of the Technique for Designing Rational Routes of the Functional Surfaces Processing of Products. Lecture Notes in Networks and Systems, 2022, , 135-143.	0.7	8
8	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
9	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
10	Investigation of the Influence of Tapered Thread Profile Accuracy on the Mechanical Stress, Fatigue Safety Factor and Contact Pressure. Lecture Notes in Networks and Systems, 2021, , 177-185.	0.7	5
11	Improving the fatigue life of the tool-joint of drill pipes by optimizing the variable pitch of the box thread. IOP Conference Series: Materials Science and Engineering, 2021, 1166, 012017.	0.6	3
12	Investigation of the Influence of tapered Thread Pitch Deviation on the Drill-String Tool-Joint Fatigue Life. Lecture Notes in Networks and Systems, 2022, , 144-154.	0.7	1
13	RATIONALE FOR THE USE OF DOUBLE SHOULDER THREADED CONNECTIONS OF HOLLOW SUCKER RODS. Scientific Bulletin of Ivano-Frankivsk National Technical University of Oil and Gas, 2019, , 7-15.	0.1	0
14	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