

# Vladimir Lebedev

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8565889/publications.pdf>

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15  
papers

22  
citations

2258059

3  
h-index

2053705

5  
g-index

18  
all docs

18  
docs citations

18  
times ranked

26  
citing authors

#	ARTICLE	IF	CITATIONS
1	Burns of Tempering While Grinding Hardened Steels. Lecture Notes in Mechanical Engineering, 2022, , 180-187.	0.4	0
2	Penetration Depth of the Critical Temperature into the Workpiece Material During Grinding. Lecture Notes in Mechanical Engineering, 2021, , 453-462.	0.4	0
3	AUTOMATIC CONTROL OF TEMPERATURE AND POWER CONDITIONS DURING ROUGH GRINDING OF SLABS. Cutting & Tools in Technological System, 2021, , 85-91.	0.2	0
4	Analysis of cutting forces during grinding of titanium alloy and corrosion-resistant steel by diamond, electrocorundum and cubic borine nitrid wheels. Technology Audit and Production Reserves, 2021, 3, 27-33.	0.2	0
5	Cutting forces when grinding parts from martensite aging steels with highporous abrasive, borazon and diamond wheels. ScienceRise, 2021, , 11-16.	0.1	0
6	Experimental and Analytical Study of CBN Grinding of Welded Martensitic Aging Steel. Lecture Notes in Mechanical Engineering, 2020, , 180-187.	0.4	1
7	Mathematical Modeling of the Process of the Interaction of the Cutting Diamond Disk with the Environment. Lecture Notes in Mechanical Engineering, 2020, , 3-14.	0.4	0
8	Experimental Study of the Process of Borazon Grinding of Thermal Barrier Coating of ZrO. Lecture Notes in Mechanical Engineering, 2020, , 177-185.	0.4	0
9	Mechanisms of structural-phase transformations during crystallization of a solder melt. Ukrainian Journal of Mechanical Engineering and Materials Science, 2020, 6, 27-34.	0.4	0
10	Provision of the Quality of Manufacturing Gear Wheels in Energy Engineering. Lecture Notes in Mechanical Engineering, 2019, , 89-96.	0.4	6
11	Increasing efficiency of plasma hardening by local cooling of surface by air with negative temperature. Eastern-European Journal of Enterprise Technologies, 2019, 4, 52-57.	0.5	3
12	Definition of the amount of heat released during metal cutting by abrasive grain and the contact temperature of the ground surface. Eastern-European Journal of Enterprise Technologies, 2016, 5, 43-50.	0.5	9
13	Measurement of crack propagation rate by fracture sensors connected in series. Strength of Materials, 1979, 11, 351-353.	0.5	0
14	Method of exciting vibrations in the study of the damping power of materials. Strength of Materials, 1978, 10, 117-119.	0.5	0
15	Higher-accuracy measuring instruments with rotating thermoreceivers. Measurement Techniques, 1975, 18, 1053-1055.	0.6	0