

Yevheniia Basova

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

251
citations

1040056

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15
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29
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times ranked

220
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Lifecycle Management of Modular Machine Tools. Lecture Notes in Mechanical Engineering, 2022, , 127-137. | 0.4 | 5 |
| 2 | The Effect of Blade Angle Deviation on Mixed Inflow Turbine Performances. Applied Sciences (Switzerland), 2022, 12, 3781. | 2.5 | 3 |
| 3 | TECHNOLOGICAL PROVISION OF THE ACCURACY FOR THE THREAD FORM OF ROD PUMPS. Cutting & Tools in Technological System, 2021, , 126-134. | 0.2 | 0 |
| 4 | Determination of Parameters of Cylindrical Grinding with Additional Intermediate Dressing. Lecture Notes in Mechanical Engineering, 2020, , 330-340. | 0.4 | 3 |
| 5 | Numerical Deflections Analysis of Variable Low Stiffness of Thin-Walled Parts During Milling. Lecture Notes in Mechanical Engineering, 2020, , 43-53. | 0.4 | 5 |
| 6 | Parameter Identification of Cutting Forces in Crankshaft Grinding Using Artificial Neural Networks. Materials, 2020, 13, 5357. | 2.9 | 41 |
| 7 | Structural Optimization of Technological Layout of Modular Machine Tools. Lecture Notes in Mechanical Engineering, 2020, , 352-363. | 0.4 | 10 |
| 8 | Concept of the Software for Materials Selection Using .NET Technologies. Lecture Notes in Mechanical Engineering, 2020, , 32-43. | 0.4 | 11 |
| 9 | Big Challenges of Small Manufacturing Enterprises in Industry 4.0. Lecture Notes in Mechanical Engineering, 2020, , 118-127. | 0.4 | 9 |
| 10 | Simulation of Thin-Walled Parts End Milling with Fluid Jet Support. Lecture Notes in Mechanical Engineering, 2020, , 380-389. | 0.4 | 1 |
| 11 | Simulation of the contact temperature in the cylindrical plunge grinding process. Diagnostyka, 2020, 21, 77-86. | 0.8 | 4 |
| 12 | DEFLECTIONS AND FREQUENCY ANALYSIS IN THE MILLING OF THIN-WALLED PARTS WITH VARIABLE LOW STIFFNESS. Acta Polytechnica, 2019, 59, 283-291. | 0.6 | 7 |
| 13 | Technological Assurance of Machining Accuracy of Crankshaft. Lecture Notes in Mechanical Engineering, 2019, , 37-51. | 0.4 | 7 |
| 14 | PARTICULARS OF ADSORBENT REGENERATION WITH THE USE OF MICROWAVE ENERGY. Acta Polytechnica, 2019, 59, 12-23. | 0.6 | 2 |
| 15 | Integrated Approach to Determine Operational Integrity of Crane Metal Structure. Periodica Polytechnica, Mechanical Engineering, 2019, 63, 319-325. | 1.4 | 3 |
| 16 | Increasing of Equipment Efficiency by Intensification of Technological Processes. Periodica Polytechnica, Mechanical Engineering, 2018, 63, 67-73. | 1.4 | 44 |
| 17 | Prospects of Using Hydrodynamic Cavitation for Enhancement of Efficiency of Fluid Working Medium Preparation Technologies. Periodica Polytechnica, Mechanical Engineering, 2018, 62, 269-276. | 1.4 | 24 |
| 18 | EFFECT OF THE APPLICATION OF MICROWAVE ENERGY ON THE REGENERATION OF THE ADSORBENT. Acta Polytechnica, 2018, 58, 217. | 0.6 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Forecasting of the productivity of parts machining by high-speed milling with the method of half-overlap. Diagnostyka, 2018, 19, 37-42. | 0.8 | 11 |
| 20 | Design and numerical simulation of the new design of the gripper for manipulating of the rotational parts. Diagnostyka, 2018, 19, 11-18. | 0.8 | 9 |
| 21 | Ensuring the reliability and performance criterias of crankshafts. Diagnostyka, 2018, 20, 23-32. | 0.8 | 14 |
| 22 | Diagnostics of Uneven Heating of the Adsorbent by Microwave Radiation and Measures to Increase the Uniformity of Its Heating. Periodica Polytechnica: Chemical Engineering, 0, , . | 1.1 | 2 |