

# Iryna Hren

## List of Publications by Year in descending order

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20  
papers

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citations

1937685

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1872680

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docs citations

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times ranked

39  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical and Structural Analysis of Newly Prepared Co-W-Al Alloy by Aluminothermic Reaction. <i>Materials</i> , 2022, 15, 658.	2.9	0
2	Analysis of Composite Coating of Deep Drawing Tool. <i>Coatings</i> , 2022, 12, 863.	2.6	4
3	Comprehensive Research and Analysis of a Coated Machining Tool with a New TiAlN Composite Microlayer Using Magnetron Sputtering. <i>Materials</i> , 2021, 14, 3633.	2.9	2
4	Comprehensive analysis of the coated component from a FORD engine. <i>Manufacturing Technology</i> , 2021, 21, 464-470.	1.4	6
5	PTFE Based Multilayer Micro-Coatings for Aluminum AlMg3 Forms Used in Tire Production. <i>Coatings</i> , 2021, 11, 119.	2.6	3
6	The formation and elimination of the negative influence of porosity on the properties of the alloy castings AlSi10Mg. <i>Manufacturing Technology</i> , 2020, 20, 170-176.	1.4	3
7	The Research of the Different Properties and Production Parameters having Influence on Deep-Drawing Sheets made of AlMg3 Alloy. <i>Manufacturing Technology</i> , 2020, 20, 347-354.	1.4	3
8	Laser micro-coating of stainless steel on an al-si cast alloy. , 2020, , .		1
9	Investigation in structure and mechanical properties of A356 alloy with micro 100 agent additions. , 2020, , .		0
10	EFFECT OF AlTi3B1 INOCULANT ON THE MICROSTRUCTURE AND HARDNESS OF THE AlCu4Mg1 ALLOY. , 2020, , .		0
11	Design of cam driving test equipment. <i>MATEC Web of Conferences</i> , 2019, 254, 02030.	0.2	0
12	The Manganese Influence on the AlSi12 Alloy Alfinal Bath Mechanical Properties Change. <i>Manufacturing Technology</i> , 2019, 19, 54-63.	1.4	3
13	The Research of the Effect of High Fe Content on AlSi9NiCuMg0.5 Alloy. <i>Manufacturing Technology</i> , 2019, 19, 107-113.	1.4	5
14	Dependence of mechanical properties on porosity of AlSi7Mg0.3 alloy during gravity casting. , 2019, , .		2
15	Microstructure Study of the Stainless Steel Layer on AlSi Cast Alloy Prepared by Laser Deposition. <i>Manufacturing Technology</i> , 2019, 19, 644-646.	1.4	0
16	Influence of AlSi7Mg0.3 Alloy Modification on Corrosion Behaviour in the Salt Environment. <i>Manufacturing Technology</i> , 2019, 19, 802-806.	1.4	3
17	Analysis of torque cam mechanism. <i>MATEC Web of Conferences</i> , 2018, 157, 06004.	0.2	4
18	Fractographic Analysis of Strontium-Modified Al-Si Alloys. <i>Manufacturing Technology</i> , 2018, 18, 900-905.	1.4	5

#	ARTICLE	IF	CITATIONS
19	Research of the Influence on the Modification of Beryllium in Al-Si Alloy. Metallofizika I Noveishie Tekhnologii, 2018, 40, 1637-1647.	0.5	4
20	Fractographic Analysis of Castings from Al-Si Alloy Produced by Low-Pressure Casting. Materials Science Forum, 0, 994, 3-10.	0.3	0