

# Ilchat Sabirov

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/101302/ilchat-sabirov-publications-by-year.pdf>

**Version:** 2024-04-17

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17  
papers

511  
citations

8  
h-index

18  
g-index

18  
ext. papers

563  
ext. citations

3.9  
avg, IF

3.28  
L-index

#	Paper	IF	Citations
17	Physical Simulation of Investment Casting of Complex Shape Parts. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , <b>2015</b> , 46, 2227-2237	2.3	3
16	Superior Mechanical Properties of Nanostructured Light Metallic Materials and Their Innovation Potential <b>2015</b> , 17-33		
15	Fatigue Behavior of an Ultrafine-Grained Al-Mg-Si Alloy Processed by High-Pressure Torsion. <i>Metals</i> , <b>2015</b> , 5, 578-590	2.3	22
14	Effect of Q&P parameters on microstructure development and mechanical behaviour of Q&P steels. <i>Revista De Metalurgia</i> , <b>2015</b> , 51, e035	0.4	7
13	Nanostructured titanium-based materials for medical implants: Modeling and development. <i>Materials Science and Engineering Reports</i> , <b>2014</b> , 81, 1-19	30.9	166
12	Physical Simulation of Hot Rolling of Ultra-fine Grained Pure Titanium. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , <b>2014</b> , 45, 2315-2326	2.5	3
11	A physical simulation study of the effect of thermal variations on the secondary dendrite arm spacing in a Ni-based superalloy. <i>Philosophical Magazine Letters</i> , <b>2014</b> , 94, 86-94	1	5
10	Investment casting of nozzle guide vanes from nickel-based superalloys: part I Thermal calibration and porosity prediction. <i>Integrating Materials and Manufacturing Innovation</i> , <b>2014</b> , 3, 344-368	2.9	8
9	A Novel High-throughput Technique for Establishing the Solidification-Microstructure Relationships. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , <b>2014</b> , 45, 482-488	2.5	5
8	Microstructure and hardness evolution in MAR-M247 Ni-based superalloy processed by controlled cooling and double heat treatment. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 550, 339-344	5.7	30
7	Deformation Behaviour of a Commercial Pure Titanium Alloy during Hot Compression Testing. <i>Materials Science Forum</i> , <b>2013</b> , 773-774, 281-286	0.4	0
6	Effect of the cooling rate on microstructure and hardness of MAR-M247 Ni-based superalloy. <i>Materials Letters</i> , <b>2012</b> , 73, 216-219	3.3	48
5	Bulk Nanostructured Metals for Innovative Applications. <i>Jom</i> , <b>2012</b> , 64, 1134-1142	2.1	96
4	Cyclic deformation response of UFG 2024 Al alloy. <i>International Journal of Fatigue</i> , <b>2011</b> , 33, 700-709	5	30
3	Deformation modes and anisotropy in magnesium alloy AZ31. <i>International Journal of Materials Research</i> , <b>2009</b> , 100, 556-563	0.5	38
2	Deformation mechanisms in an ultra-fine grained Al alloy. <i>International Journal of Materials Research</i> , <b>2009</b> , 100, 1679-1685	0.5	5
1	Role of grain boundary sliding in the anisotropy of magnesium alloys. <i>Scripta Materialia</i> , <b>2009</b> , 61, 277-280	306	45

