

# Yaakov Unigovski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1584403/publications.pdf>

Version: 2024-02-01

14  
papers

286  
citations

1163117

8  
h-index

1199594

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

138  
citing authors

#	ARTICLE	IF	CITATIONS
1	Corrosion fatigue of extruded magnesium alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2003, 360, 132-139.	5.6	66
2	Corrosion fatigue of die-cast and extruded magnesium alloys. Journal of Light Metals, 2001, 1, 179-186.	0.8	64
3	Influence of technological parameters of permanent mold casting and die casting on creep and strength of Mg alloy AZ91D. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1997, 234-236, 880-883.	5.6	39
4	Mechano-electrochemical behavior and creep corrosion of magnesium alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2001, 302, 63-67.	5.6	35
5	Creep behavior of pure magnesium and Mg-Al alloys in active environments. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2005, 398, 188-197.	5.6	28
6	Title is missing!. Journal of Materials Synthesis and Processing, 2000, 8, 133-138.	0.3	12
7	Electrochemically enhanced surface plasticity of steels. Applied Surface Science, 2016, 388, 49-56.	6.1	11
8	Development of a High Performance Gas Thermoelectric Generator (TEG) with Possible Use of Waste Heat. Energies, 2022, 15, 3960.	3.1	9
9	Effect of processing on stress-corrosion behavior of die-cast Mg-Al alloy. Journal of Materials Processing Technology, 2008, 208, 395-399.	6.3	5
10	Corrosion creep of magnesium-based alloys. Journal of Materials Science Letters, 2001, 20, 1541-1543.	0.5	3
11	Effect of Gas Tungsten Arc Welding Parameters on Hydrogen-Assisted Cracking of Type 321 Stainless Steel. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2016, 47, 2010-2023.	2.2	3
12	Corrosion Fatigue and Corrosion Creep of Magnesium Alloys. , 2006, , 499-505.		2
13	Corrosion Creep of Magnesium and Die-cast Magnesium Alloys. , 2006, , 519-524.		1
14	A Novel Method to Significantly Improve the Mechanical Properties of n-Type Bi(1-x)Sbx Thermoelectrics Due to Plastic Deformation. Electronic Materials, 2021, 2, 511-526.	1.9	0