

# Apostolos N Chamos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5095996/publications.pdf>

Version: 2024-02-01

12  
papers

161  
citations

1307594

7  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

172  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tensile and fatigue behaviour of wrought magnesium alloys AZ31 and AZ61. Fatigue and Fracture of Engineering Materials and Structures, 2008, 31, 812-821.	3.4	54
2	A critical consideration for the use of Al-cladding for protecting aircraft aluminum alloy 2024 against corrosion. Theoretical and Applied Fracture Mechanics, 2012, 57, 36-42.	4.7	26
3	Mechanical Performance Evaluation of Cast Magnesium Alloys for Automotive and Aeronautical Applications. Journal of Engineering Materials and Technology, Transactions of the ASME, 2007, 129, 422-430.	1.4	24
4	Corrosion damage evolution of the aircraft aluminum alloy 2024 T3. International Journal of Structural Integrity, 2016, 7, 25-46.	3.3	12
5	Tensile Behavior and Formability Evaluation of Titanium-40 Material Based on the Forming Limit Diagram Approach. Journal of Materials Engineering and Performance, 2013, 22, 2253-2260.	2.5	11
6	An investigation on the high stress sensitivity of fatigue life of rolled AZ31 magnesium alloy under constant amplitude fatigue loading. Fatigue and Fracture of Engineering Materials and Structures, 2010, 33, 252-265.	3.4	10
7	Fatigue behavior of precipitation strengthened Cu-Ni-Si alloy modified by Cr and Zr addition. International Journal of Structural Integrity, 2020, 11, 861-873.	3.3	10
8	Tolerable corrosion damage on aircraft aluminum structures: Local cladding patterns. Theoretical and Applied Fracture Mechanics, 2012, 58, 55-64.	4.7	6
9	Fatigue Performance of Pre-corroded 6xxx Aluminum Alloy Laser Beam Welds with Dissimilar Heat Treatment. Procedia Engineering, 2014, 74, 22-26.	1.2	4
10	Fatigue Induced Alteration of the Superficial Strength Properties of 2024 Aluminum Alloy. Journal of Materials Science and Technology, 2011, 27, 776-784.	10.7	3
11	Effect of corrosion and sandblasting on the high cycle fatigue behavior of reinforcing B500C steel bars. Frattura Ed Integrita Strutturale, 2017, 11, 9-22.	0.9	1
12	Characterization of fatigue failed aged Cu-Ni-Si alloys. MATEC Web of Conferences, 2018, 188, 02011.	0.2	0