

# Elia Zgheib

## List of Publications by Year in descending order

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Version: 2024-02-01

7  
papers

70  
citations

1684188  
5  
h-index

1720034  
7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

47  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship between structure, surface topography and tribo-mechanical behavior of Ti-N thin films elaborated at different N <sub>2</sub> flow rates. <i>Thin Solid Films</i> , 2021, 724, 138598.	1.8	24
2	Evolution of microstructure, mechanical and tribological properties of vanadium carbonitride coatings sputtered at different nitrogen partial pressures. <i>Surface and Coatings Technology</i> , 2019, 374, 531-540.	4.8	20
3	Determination of single-crystal elasticity constants of the beta phase in a multiphase tungsten thin film using impulse excitation technique, X-ray diffraction and micro-mechanical modeling. <i>Acta Materialia</i> , 2019, 175, 348-360.	7.9	10
4	Multilayered models for determining the Young's modulus of thin films by means of Impulse Excitation Technique. <i>Mechanics of Materials</i> , 2019, 137, 103143.	3.2	6
5	Effect of carbon content on structural, mechanical and tribological properties of Cr-V-C-N coatings. <i>Thin Solid Films</i> , 2021, 732, 138782.	1.8	6
6	Elastic behavior of anisotropic coatings sputter-deposited at oblique incidence. <i>International Journal of Mechanical Sciences</i> , 2021, 191, 106050.	6.7	3
7	Nanoindentation characterization of nanocomposites coating based on graphene and siloxane matrix deposited by dielectric barrier discharge plasma. <i>Surfaces and Interfaces</i> , 2022, 32, 102093.	3.0	1