

# Angel Vicente-Escuder

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

219  
citations

1040056

9  
h-index

1125743

13  
g-index

30  
all docs

30  
docs citations

30  
times ranked

226  
citing authors

#	ARTICLE	IF	CITATIONS
1	Corrosion behaviour of Ti6Al4V ELI nanotubes for biomedical applications. Journal of Materials Research and Technology, 2019, 8, 5548-5556.	5.8	21
2	Effects of Long-term Exposure on E-glass Composite Material Subjected to Stress Corrosion in a Saline Medium. Journal of Composite Materials, 2007, 41, 2119-2128.	2.4	19
3	Comparative study between high-velocity oxygen fuel and flame spraying using MCrAlY coats on a 304 stainless steel substrate. Journal of Materials Research and Technology, 2019, 8, 4253-4263.	5.8	17
4	Mechanical Properties and the Microstructure of $\hat{\text{T}}^2$ Ti-35Nb-10Ta-xFe Alloys Obtained by Powder Metallurgy for Biomedical Applications. Metals, 2019, 9, 76.	2.3	14
5	Effect of alloying elements on laser surface modification of powder metallurgy to improve surface mechanical properties of beta titanium alloys for biomedical application. Journal of Materials Research and Technology, 2021, 14, 1222-1234.	5.8	14
6	Effect of the microstructure generated by Repetitive Corrugation and Straightening (RCS) process on the mechanical properties and stress corrosion cracking of Al-7075 alloy. Journal of Materials Research and Technology, 2021, 15, 4564-4572.	5.8	12
7	Development of Ti $\hat{\text{a}}$ In alloys by powder metallurgy for application as dental biomaterial. Journal of Materials Research and Technology, 2021, 11, 1719-1729.	5.8	11
8	Development of Ti $\hat{\text{a}}$ Zr alloys by powder metallurgy for biomedical applications. Powder Metallurgy, 2022, 65, 31-38.	1.7	11
9	Evolution of the Microstructure and Mechanical Properties of a Ti35Nb2Sn Alloy Post-Processed by Hot Isostatic Pressing for Biomedical Applications. Metals, 2021, 11, 1027.	2.3	9
10	Desarrollo de las aleaciones de titanio y tratamientos superficiales para incrementar la vida $\hat{\text{a}}$ til de los implantes. Revista De Metalurgia, 2016, 52, 084.	0.5	9
11	In vitro retention capacity of two overdenture attachment systems: Locator and Equator. Journal of Clinical and Experimental Dentistry, 2018, 10, 0-0.	1.2	8
12	Mechanical properties of duplex stainless steel laser joints. Welding International, 2006, 20, 361-366.	0.7	7
13	In vitro experimental $\hat{\text{a}}$ study of bonding between aluminium oxide ceramics and resin cements. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2009, 15, e95-e100.	1.7	7
14	Evaluation of the influence of low Mg content on the mechanical and microstructural properties of $\hat{\text{T}}^2$ titanium alloy. Journal of Materials Research and Technology, 2021, 10, 916-925.	5.8	7
15	Electrochemical corrosion behavior of Ti $\hat{\text{a}}$ 35Nb $\hat{\text{a}}$ 7Zr $\hat{\text{a}}$ 5Ta powder metallurgic alloys after Hot Isostatic Process in fluorinated artificial saliva. Journal of Materials Research and Technology, 2022, 16, 1435-1444.	5.8	7
16	Cure effects on post-impact tensile characteristics of 2D epoxy composites. Journal of Materials Processing Technology, 2003, 143-144, 209-213.	6.3	6
17	Laser Surface Modification in Ti-xNb-yMo Alloys Prepared by Powder Metallurgy. Metals, 2021, 11, 367.	2.3	6
18	Effect of debris size on the tribological performance of thermally sprayed coatings. Tribology International, 2020, 143, 106025.	5.9	5

#	ARTICLE	IF	CITATIONS
19	Study of the current density of the electrical resistance sintering technique on microstructural and mechanical properties in a $\text{Ti-Nb-Sn}$ ternary alloy. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	2.3	5
20	Study of Electrochemical and Biological Characteristics of As-Cast Ti-Nb-Zr-Ta System Based on Its Microstructure. <i>Metals</i> , 2022, 12, 476.	2.3	5
21	Investigations of Ti Binary Alloys Manufactured by Powder Metallurgy for Biomaterial Applications. <i>Acta Physica Polonica A</i> , 2018, 134, 415-418.	0.5	4
22	Influencia del tratamiento HIP en la distribución de los carburos en $\text{pr}^3\text{tesis Co-Cr-Mo}$ . <i>Boletín De La Sociedad Española De Cerámica Y Vidrio</i> , 2004, 43, 573-577.	1.9	4
23	Fatigue behaviour of GMAW welded aluminium alloy AA7020. <i>Welding International</i> , 2009, 23, 773-777.	0.7	2
24	Influence of Heat Treatment and UV Irradiation on the Wettability of $\text{Ti}_{35}\text{Nb}_{10}\text{Ta}$ Nanotubes. <i>Metals</i> , 2018, 8, 37.	2.3	2
25	Effect on Procrastination and Learning of Mistakes in the Design of the Formative and Summative Assessments: A Case Study. <i>Education Sciences</i> , 2021, 11, 428.	2.6	2
26	Estudio microestructural y de resistencia de uniones soldadas de la aleación AW7020 por procedimiento MIG en función de la preparación de bordes. <i>Revista De Metalurgia</i> , 2000, 36, 33-39.	0.5	2
27	Fatigue behavior of GMAW welded Aluminium alloy AA7020. <i>Revista De Metalurgia</i> , 2007, 43, .	0.5	2
28	Microstructural and strength study of MIG welded joints of AW7020 aluminium alloy, as a function of joint geometry. <i>Welding International</i> , 2000, 14, 970-974.	0.7	1
29	Efecto de las variables de proceso sobre el comportamiento a flexión de aleaciones Ti - 3% at. X (X = Nb, Zr, Ta). <i>ETQq</i> 1,1 0.7843 14 rgBT 0.5	0.5	0