

# Francisco Javier Gil Mur

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

663  
citations

623734

14  
h-index

642732

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1031  
citing authors

#	ARTICLE	IF	CITATIONS
1	On-Growth and In-Growth Osseointegration Enhancement in PM Porous Ti-Scaffolds by Two Different Bioactivation Strategies: Alkali Thermochemical Treatment and RGD Peptide Coating. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1750.	4.1	10
2	Direct extrusion of individually encapsulated endothelial and smooth muscle cells mimicking blood vessel structures and vascular native cell alignment. <i>Biofabrication</i> , 2021, 13, 015003.	7.1	19
3	Control of stem cell response and bone growth on biomaterials by fully non-peptidic integrin selective ligands. <i>Biomaterials Science</i> , 2019, 7, 1281-1285.	5.4	13
4	All-in-one trifunctional strategy: A cell adhesive, bacteriostatic and bactericidal coating for titanium implants. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 169, 30-40.	5.0	48
5	Antimicrobial Peptides: Powerful Biorecognition Elements to Detect Bacteria in Biosensing Technologies. <i>Molecules</i> , 2018, 23, 1683.	3.8	61
6	Surface guidance of stem cell behavior: Chemically tailored co-presentation of integrin-binding peptides stimulates osteogenic differentiation in vitro and bone formation in vivo. <i>Acta Biomaterialia</i> , 2016, 43, 269-281.	8.3	51
7	Tuning Mesenchymal Stem Cell Response onto Titanium–Niobium–Hafnium Alloy by Recombinant Fibronectin Fragments. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 2517-2525.	8.0	30
8	Relevant aspects in the surface properties in titanium dental implants for the cellular viability. <i>Materials Science and Engineering C</i> , 2016, 64, 1-10.	7.3	77
9	Mimicking bone extracellular matrix: Integrin-binding peptidomimetics enhance osteoblast-like cells adhesion, proliferation, and differentiation on titanium. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 128, 191-200.	5.0	82
10	Mechanical and physicochemical characterization along with biological interactions of a new Ti25Nb21Hf alloy for bone tissue engineering. <i>Journal of Biomaterials Applications</i> , 2015, 30, 171-181.	2.4	8
11	Low modulus Ti–Nb–Hf alloy for biomedical applications. <i>Materials Science and Engineering C</i> , 2014, 42, 691-695.	7.3	41
12	Implant–abutment connections: influence of the design on the microgap and their fatigue and fracture behavior of dental implants. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 1825-1830.	3.6	52
13	Influence of Soft Drinks with Low pH on Different Ni-Ti Orthodontic Archwire Surface Patterns. <i>Journal of Materials Engineering and Performance</i> , 2013, 22, 759-766.	2.5	6
14	Corrosion and corrosion-fatigue behavior of cp-Ti and Ti–Al–4V laser-marked biomaterials. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 885-890.	3.6	12
15	Variation of the superelastic properties and nickel release from original and reused NiTi orthodontic archwires. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2012, 6, 113-119.	3.1	21
16	Characterization of Two Ti-Nb-Hf-Zr Alloys Under Different Cold Rolling Conditions. <i>Journal of Materials Engineering and Performance</i> , 2011, 20, 653-657.	2.5	10
17	Design and Characterization of New Ti-Nb-Hf Alloys. <i>Journal of Materials Engineering and Performance</i> , 2009, 18, 490-495.	2.5	23
18	Optimization of the Ti-16.2Hf-24.8Nb-1Zr Alloy by Cold Working. <i>Journal of Materials Engineering and Performance</i> , 2009, 18, 506-510.	2.5	18

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19	Bioactive Star Gels. Chemistry of Materials, 2006, 18, 5696-5703.	6.7	48
20	Fracture and Fatigue Behavior of Shot-Blasted Titanium Dental Implants. Implant Dentistry, 2002, 11, 28-32.	1.3	12
21	Effect of Oxygen Content on Grain Growth Kinetics of Titanium. Journal of Materials Synthesis and Processing, 2002, 10, 263-266.	0.3	16
22	Effect of porosity and environment on the mechanical behavior of acrylic bone cement modified with acrylonitrile-butadiene-styrene particles: I. Fracture toughness. Journal of Biomedical Materials Research Part B, 1999, 48, 121-127.	3.1	1
23	Effect of saline solution environment on the cyclic deformation of Ti-6Al-4V alloy. Journal of Materials Science: Materials in Medicine, 1996, 7, 131-134.	3.6	4