

# F Ternero

## List of Publications by Year in descending order

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30  
papers

744  
citations

933447

10  
h-index

552781

26  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1204  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modifying the Size of Nickel Metallic Particles by H <sub>2</sub> /CO Treatment in Ni/ZrO <sub>2</sub> Methane Dry Reforming Catalysts. ACS Catalysis, 2011, 1, 82-88.	11.2	128
2	In Situ XAS Study of Synergic Effects on Ni-Co/ZrO <sub>2</sub> Methane Reforming Catalysts. Journal of Physical Chemistry C, 2012, 116, 2919-2926.	3.1	126
3	Study of nanostructured Ni/CeO <sub>2</sub> catalysts prepared by combustion synthesis in dry reforming of methane. Applied Catalysis A: General, 2010, 384, 1-9.	4.3	112
4	Effect of thermal treatments on the catalytic behaviour in the CO preferential oxidation of a CuO-CeO <sub>2</sub> -ZrO <sub>2</sub> catalyst with a flower-like morphology. Applied Catalysis B: Environmental, 2011, 102, 627-637.	20.2	98
5	Influence of the Total Porosity on the Properties of Sintered Materials—A Review. Metals, 2021, 11, 730.	2.3	54
6	Improvement of the balance between a reduced stress shielding and bone ingrowth by bioactive coatings onto porous titanium substrates. Surface and Coatings Technology, 2018, 338, 32-37.	4.8	39
7	Promotional Effect of the Base Metal on Bimetallic Au-Ni/CeO <sub>2</sub> Catalysts Prepared from Core-Shell Nanoparticles. ACS Catalysis, 2013, 3, 2169-2180.	11.2	36
8	Bioactive coatings on porous titanium for biomedical applications. Surface and Coatings Technology, 2018, 349, 584-592.	4.8	32
9	Synthesis and characterization of in situ-reinforced Al-AlN composites produced by mechanical alloying. Journal of Alloys and Compounds, 2017, 728, 640-644.	5.5	18
10	A Method to Determine the Electrical Resistance of a Metallic Powder Mass under Compression. Metals, 2017, 7, 479.	2.3	13
11	Amorphous Al-Ti Powders Prepared by Mechanical Alloying and Consolidated by Electrical Resistance Sintering. Metals, 2019, 9, 1140.	2.3	11
12	Medium-Frequency Electrical Resistance Sintering of Oxidized C.P. Iron Powder. Metals, 2018, 8, 426.	2.3	10
13	Capacitor Electrical Discharge Consolidation of Metallic Powders—A Review. Metals, 2021, 11, 616.	2.3	10
14	On the compressibility of metal powders. Powder Metallurgy, 2018, 61, 219-230.	1.7	9
15	Crystallisation of amorphous Al-Y-Ni-(Cu) alloys. Journal of Non-Crystalline Solids, 2019, 512, 15-24.	3.1	7
16	Modelling and Simulation of the Electrical Resistance Sintering Process of Iron Powders. Metals and Materials International, 2020, 26, 1045-1059.	3.4	7
17	Rigidity and/or Flexibility of Calixarenes. Effect of the p-Sulfonatocalix[n]arenes (n = 4, 6, and 8) on the Electron Transfer Process [Ru(NH <sub>3</sub> ) <sub>5</sub> pz] <sub>2</sub> <sup>+</sup> + Co(C <sub>2</sub> O <sub>4</sub> ) <sub>3</sub> <sup>3-</sup> . Journal of Physical Chemistry B, 2007, 111, 10697-10702.	2.6	6
18	Influence of Milling Atmosphere on the Controlled Formation of Ultrafine Dispersoids in Al-Based MMCs. Metals, 2016, 6, 224.	2.3	5

#	ARTICLE	IF	CITATIONS
19	In Situ Synthesis of Al-Based MMCs Reinforced with AlN by Mechanical Alloying under NH <sub>3</sub> Gas. Materials, 2018, 11, 823.	2.9	5
20	Evaluation of Wear Behaviour in Metallic Binders Employed in Diamond Tools for Cutting Stone. Materials, 2021, 14, 3988.	2.9	5
21	Amorphous Phase Formation and Heat Treating Evolution in Mechanically Alloyed Al-Ti Powders. Key Engineering Materials, 0, 772, 118-122.	0.4	3
22	Influence of Processing Parameters on the Conduct of Electrical Resistance Sintering of Iron Powders. Metals, 2020, 10, 540.	2.3	3
23	Nickel Porous Compacts Obtained by Medium-Frequency Electrical Resistance Sintering. Materials, 2020, 13, 2131.	2.9	2
24	Phenomenological equation for the thermal dependence of the activation energy of creep. Materials Letters, 2017, 196, 273-275.	2.6	1
25	Consolidation by MF-ERS of mechanically alloyed Al powder. Journal of Alloys and Compounds, 2019, 792, 529-535.	5.5	1
26	Influence of Temperature on Mechanical Properties of AMCs. Metals, 2020, 10, 783.	2.3	1
27	Medium-Frequency Electrical Resistance Sintering of Soft Magnetic Powder Metallurgy Iron Parts. Metals, 2021, 11, 994.	2.3	1
28	Mechanical Crystallization of Amorphous Ti <sub>50</sub> Al <sub>30</sub> Ni <sub>20</sub> Alloy Prepared by Mechanical Alloying. Materials Science Forum, 0, 1059, 3-8.	0.3	1
29	On the Densification Kinetics of Metallic Powders Under Hot Uniaxial Pressing. Metals and Materials International, 2019, 25, 723-732.	3.4	0
30	Nickel Porous Compacts Obtained by Electrical Discharge Consolidation. Materials Science Forum, 0, 1059, 9-14.	0.3	0