

# Angel Muoz

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/3155172/angel-munoz-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

121  
papers

3,749  
citations

31  
h-index

58  
g-index

139  
ext. papers

4,137  
ext. citations

3.6  
avg, IF

4.68  
L-index

#	Paper	IF	Citations
121	Recent progress in research on tungsten materials for nuclear fusion applications in Europe. <i>Journal of Nuclear Materials</i> , <b>2013</b> , 432, 482-500	3.3	494
120	Magnetic structure of hexagonal RMnO <sub>3</sub> (R=Y, Sc): Thermal evolution from neutron powder diffraction data. <i>Physical Review B</i> , <b>2000</b> , 62, 9498-9510	3.3	258
119	Complex Magnetism and Magnetic Structures of the Metastable HoMnO <sub>3</sub> Perovskite. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 1020-1028	5.1	197
118	Review on the EFDA programme on tungsten materials technology and science. <i>Journal of Nuclear Materials</i> , <b>2011</b> , 417, 463-467	3.3	139
117	Crystallographic and magnetic structure of SrCoO <sub>2.5</sub> brownmillerite: Neutron study coupled with band-structure calculations. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	139
116	Evolution of the Magnetic Structure of Hexagonal HoMnO <sub>3</sub> from Neutron Powder Diffraction Data. <i>Chemistry of Materials</i> , <b>2001</b> , 13, 1497-1505	9.6	131
115	The magnetic structure of YMnO <sub>3</sub> perovskite revisited. <i>Journal of Physics Condensed Matter</i> , <b>2002</b> , 14, 3285-3294	1.8	128
114	Magnetic structure and properties of BiMn <sub>2</sub> O <sub>5</sub> oxide: A neutron diffraction study. <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	109
113	Preparation, Crystal Structure, and Magnetic and Magnetotransport Properties of the Double Perovskite Ca <sub>2</sub> FeMoO <sub>6</sub> . <i>Chemistry of Materials</i> , <b>2000</b> , 12, 161-168	9.6	101
112	Magnetic structure evolution of NdMnO <sub>3</sub> derived from neutron diffraction data. <i>Journal of Physics Condensed Matter</i> , <b>2000</b> , 12, 1361-1376	1.8	90
111	Mechanical properties and corrosion behavior of Mg-HAP composites. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2014</b> , 39, 238-46	4.1	75
110	A brief summary of the progress on the EFDA tungsten materials program. <i>Journal of Nuclear Materials</i> , <b>2013</b> , 442, S173-S180	3.3	63
109	Microstructure and mechanical behavior of ODS and non-ODS Fe-4Cr model alloys produced by spark plasma sintering. <i>Journal of Nuclear Materials</i> , <b>2013</b> , 436, 68-75	3.3	61
108	Review on the EFDA work programme on nano-structured ODS RAF steels. <i>Journal of Nuclear Materials</i> , <b>2011</b> , 417, 149-153	3.3	60
107	Role of halogens in the mechanism of sensitization of uncooled PbSe infrared photodetectors. <i>Journal of Applied Physics</i> , <b>2003</b> , 93, 1778-1784	2.5	59
106	The IFMIF-DONES project: preliminary engineering design. <i>Nuclear Fusion</i> , <b>2018</b> , 58, 105002	3.3	56
105	Mechanical and microstructural behaviour of Y <sub>2</sub> O <sub>3</sub> ODS EUROFER 97. <i>Journal of Nuclear Materials</i> , <b>2007</b> , 367-370, 196-201	3.3	53

104	Magnetic structures of LaMnO <sub>3</sub> + $\delta$ perovskites ( $\delta = 0.11, 0.15, 0.26$ ). <i>Solid State Communications</i> , <b>1997</b> , 102, 7-12	1.6	51
103	Magnetic structure of LaCrO <sub>3</sub> perovskite under high pressure from in situ neutron diffraction. <i>Physical Review Letters</i> , <b>2011</b> , 106, 057201	7.4	50
102	Mechanical dispersion of Y <sub>2</sub> O <sub>3</sub> nanoparticles in steel EUROFER 97: process and optimisation. <i>Journal of Nuclear Materials</i> , <b>2003</b> , 322, 228-234	3.3	50
101	PbSe photodetector arrays for IR sensors. <i>Thin Solid Films</i> , <b>1998</b> , 317, 425-428	2.2	49
100	La <sub>2</sub> O <sub>3</sub> -reinforced W and W/W alloys produced by hot isostatic pressing. <i>Journal of Nuclear Materials</i> , <b>2011</b> , 417, 508-511	3.3	44
99	Preparation, crystal and magnetic structures of two new double perovskites: Ca <sub>2</sub> CoTeO <sub>6</sub> and Sr <sub>2</sub> CoTeO <sub>6</sub> . <i>Journal of Materials Chemistry</i> , <b>2005</b> , 15, 993-1001		44
98	High-Pressure Preparation, Crystal Structure, Magnetic Properties, and Phase Transitions in GdNiO <sub>3</sub> and DyNiO <sub>3</sub> Perovskites. <i>Chemistry of Materials</i> , <b>1999</b> , 11, 2463-2469	9.6	44
97	Microstructure and tensile properties of Y <sub>2</sub> O <sub>3</sub> -dispersed titanium produced by arc melting. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2006</b> , 422, 189-197	5.3	42
96	Microstructural characterization of Y <sub>2</sub> O <sub>3</sub> ODS Fe/Cr model alloys. <i>Journal of Nuclear Materials</i> , <b>2009</b> , 386-388, 449-452	3.3	39
95	Magnetic Interactions in the Double Perovskites R <sub>2</sub> NiMnO <sub>6</sub> (R = Tb, Ho, Er, Tm) Investigated by Neutron Diffraction. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 10890-900	5.1	37
94	Microstructure and tensile properties of oxide dispersion strengthened Fe <sub>14</sub> Cr <sub>0.3</sub> Y <sub>2</sub> O <sub>3</sub> and Fe <sub>14</sub> Cr <sub>0.3</sub> Ti <sub>0.3</sub> Y <sub>2</sub> O <sub>3</sub> . <i>Journal of Nuclear Materials</i> , <b>2013</b> , 442, S142-S147	3.3	34
93	Fabrication and characterization of Y <sub>2</sub> O <sub>3</sub> dispersion strengthened copper alloys. <i>Journal of Nuclear Materials</i> , <b>2014</b> , 455, 655-659	3.3	31
92	Microstructure and mechanical properties of ultrafine-grained Fe <sub>14</sub> Cr and ODS Fe <sub>14</sub> Cr model alloys. <i>Journal of Nuclear Materials</i> , <b>2011</b> , 417, 213-216	3.3	31
91	Crystallographic and magnetic transitions in CeVO <sub>3</sub> : A neutron diffraction study. <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	31
90	A Study of the Magnetic Structure of LaMn <sub>2</sub> O <sub>5</sub> from Neutron Powder Diffraction Data. <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 685-691	2.3	30
89	Synthesis, Structural, and Magnetic Characterization of a New Ferrimagnetic Oxide: YFeMnO <sub>5</sub> . <i>Chemistry of Materials</i> , <b>2004</b> , 16, 4087-4094	9.6	29
88	An original polymorph sequence in the high-temperature evolution of the perovskite Pb <sub>2</sub> TmSbO <sub>6</sub> . <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 14470-80	16.4	27
87	Development of oxide dispersion strengthened W alloys produced by hot isostatic pressing. <i>Fusion Engineering and Design</i> , <b>2011</b> , 86, 2534-2537	1.7	26

86	Consolidation of W/Cu composites: Hot isostatic pressing and spark and pulse plasma sintering. <i>Fusion Engineering and Design</i> , <b>2015</b> , 98-99, 1950-1955	1.7	25
85	The magnetic structures of Ce <sub>3</sub> Al <sub>11</sub> : a single crystal study. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1995</b> , 148, 397-408	2.8	25
84	Mechanical behavior of tungsten-vanadium-niobium alloys as function of temperature. <i>Journal of Nuclear Materials</i> , <b>2013</b> , 442, S277-S281	3.3	24
83	Positron annihilation characteristics of ODS and non-ODS EUROFER isochronally annealed. <i>Journal of Nuclear Materials</i> , <b>2008</b> , 376, 222-228	3.3	24
82	Structural and magnetic transition in YbVO <sub>3</sub> : a neutron diffraction study. <i>Journal of Materials Chemistry</i> , <b>2003</b> , 13, 1234-1240		24
81	Mechanical characterisation of tungsten-x wt.% yttrium oxide as a function of temperature and atmosphere. <i>Journal of Nuclear Materials</i> , <b>2014</b> , 454, 455-461	3.3	23
80	Mechanical characteristics of porous hydroxyapatite/oxide composites produced by post-sintering hot isostatic pressing. <i>Ceramics International</i> , <b>2009</b> , 35, 2373-2380	5.1	23
79	Crystal and magnetic structure of the complex oxides Sr <sub>2</sub> MnMoO <sub>6</sub> , Sr <sub>2</sub> MnWO <sub>6</sub> and Ca <sub>2</sub> MnWO <sub>6</sub> : a neutron diffraction study. <i>Journal of Physics Condensed Matter</i> , <b>2002</b> , 14, 8817-8830	1.8	23
78	Processing and mechanical characteristics of magnesium-hydroxyapatite metal matrix biocomposites. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2017</b> , 69, 135-143	4.1	22
77	Microstructural and mechanical characteristics of W-Ti and W-TiC processed by hot isostatic pressing. <i>Journal of Nuclear Materials</i> , <b>2014</b> , 455, 306-310	3.3	22
76	Synthesis and study of the crystallographic and magnetic structure of the ferrimagnetic oxide ErFeMnO <sub>5</sub> . <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	22
75	On the magnetic structure of DyNiO <sub>3</sub> . <i>Journal of Solid State Chemistry</i> , <b>2009</b> , 182, 1982-1989	3.3	21
74	Void formation in ODS EUROFER produced by hot isostatic pressing. <i>Journal of Nuclear Materials</i> , <b>2009</b> , 386-388, 462-465	3.3	20
73	SANS evidence for the dispersion of nanoparticles in W-Y <sub>2</sub> O <sub>3</sub> and W-La <sub>2</sub> O <sub>3</sub> processed by hot isostatic pressing. <i>International Journal of Refractory Metals and Hard Materials</i> , <b>2012</b> , 33, 6-9	4.1	19
72	High pressure synthesis, crystal, magnetic structure and magnetotransport of SrFe <sub>0.5</sub> Co <sub>0.5</sub> O <sub>3</sub> □. <i>Journal of Solid State Chemistry</i> , <b>2006</b> , 179, 3365-3370	3.3	19
71	Crystal and magnetic structure of the double perovskite Sr <sub>2</sub> CoUO <sub>6</sub> : a neutron diffraction study. <i>Dalton Transactions</i> , <b>2005</b> , 447-51	4.3	19
70	Peculiar Magnetic Behavior of the TbCu <sub>3</sub> Mn <sub>4</sub> O <sub>12</sub> Complex Perovskite. <i>Chemistry of Materials</i> , <b>2005</b> , 17, 5070-5076	9.6	19
69	Synthesis and study of the crystallographic and magnetic structure of SeCoO <sub>3</sub> . <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	19

68	Structural and magnetic characterization of the double perovskites R <sub>2</sub> NiRuO <sub>6</sub> (R'=Pr-Er): A neutron diffraction study. <i>Acta Materialia</i> , <b>2017</b> , 126, 114-123	8.4	18
67	LaMn <sub>3</sub> Ni <sub>2</sub> Mn <sub>2</sub> O <sub>12</sub> : An A- and B-Site Ordered Quadruple Perovskite with A-Site Tuning Orthogonal Spin Ordering. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 8988-8996	9.6	18
66	The effects of tantalum addition on the microtexture and mechanical behaviour of tungsten for ITER applications. <i>Journal of Nuclear Materials</i> , <b>2015</b> , 467, 949-955	3.3	18
65	Thermal Evolution of the Crystallographic and Magnetic Structure in LuVO <sub>3</sub> : A Neutron Diffraction Study. <i>Chemistry of Materials</i> , <b>2004</b> , 16, 1544-1550	9.6	18
64	Magnetic Properties and Neutron Diffraction Measurements of Dense-Kondo Compound CeNi <sub>2</sub> Al <sub>5</sub> . <i>Journal of the Physical Society of Japan</i> , <b>1994</b> , 63, 2349-2358	1.5	18
63	Microstructure and temperature dependence of the microhardness of W <sub>25</sub> V <sub>75</sub> La <sub>2</sub> O <sub>3</sub> and W <sub>40</sub> Ti <sub>60</sub> La <sub>2</sub> O <sub>3</sub> . <i>Journal of Nuclear Materials</i> , <b>2013</b> , 442, S229-S232	3.3	17
62	High-pressure synthesis and study of the crystal and magnetic structure of the distorted SeNiO <sub>3</sub> and SeMnO <sub>3</sub> perovskites. <i>Dalton Transactions</i> , <b>2006</b> , 4936-43	4.3	17
61	Ferromagnetic behavior in La(Cu <sub>3-x</sub> Mnx)Mn <sub>4</sub> O <sub>12</sub> (x=1,2) perovskites. <i>Journal of Applied Physics</i> , <b>2008</b> , 104, 083911	2.5	16
60	Synthesis and Study of the Crystallographic and Magnetic Structure of HoFeMnO <sub>5</sub> . <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 1972-1979	2.3	14
59	Discontinuously reinforced titanium matrix composites for fusion applications. <i>Journal of Nuclear Materials</i> , <b>2002</b> , 307-311, 691-695	3.3	13
58	Microstructure and mechanical properties of an ITER-grade Cu <sub>10</sub> Cr <sub>70</sub> Zr alloy processed by equal channel angular pressing. <i>Fusion Engineering and Design</i> , <b>2015</b> , 98-99, 1978-1981	1.7	12
57	Magnetic Structures of HoCoO <sub>3</sub> and TbCoO <sub>3</sub> . <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 5825-5830	5.3	12
56	Relationship between hardness and tensile tests in titanium reinforced with yttria nanoparticles. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2005</b> , 400-401, 345-348	5.3	12
55	Processing, microstructure and mechanical characterization of dispersion strengthened Cu-1%Y. <i>Fusion Engineering and Design</i> , <b>2019</b> , 138, 321-331	1.7	12
54	Towards the EU fusion-oriented neutron source: The preliminary engineering design of IFMIF-DONES. <i>Fusion Engineering and Design</i> , <b>2019</b> , 146, 261-268	1.7	11
53	Thermal stability of the grain structure in the W-2V and W-2V-0.5Y <sub>2</sub> O <sub>3</sub> alloys produced by hot isostatic pressing. <i>Fusion Engineering and Design</i> , <b>2013</b> , 88, 2636-2640	1.7	11
52	Effect of yttrium addition on the microstructure and mechanical properties of ODS RAF steels. <i>Journal of Nuclear Materials</i> , <b>2014</b> , 455, 600-604	3.3	11
51	Crystal growth of NdNiO <sub>3</sub> perovskite under high oxygen pressure. <i>Journal of Physics Condensed Matter</i> , <b>2004</b> , 16, S1277-S1281	1.8	11

50	Small-angle neutron scattering study of the nano-sized features in an oxide dispersion-strengthened Fe <sub>12</sub> Cr alloy. <i>Philosophical Magazine</i> , <b>2015</b> , 95, 2450-2465	1.6	10
49	Crystal and magnetic study of the disordered perovskites Ca(Mn <sub>0.5</sub> Sb <sub>0.5</sub> )O <sub>3</sub> and Ca(Fe <sub>0.5</sub> Sb <sub>0.5</sub> )O <sub>3</sub> . <i>Materials Research Bulletin</i> , <b>2010</b> , 45, 1449-1454	5.1	10
48	Thermal conductivity and diffusivity of Cu-Y alloys produced by different powder metallurgy routes. <i>Fusion Engineering and Design</i> , <b>2017</b> , 124, 1156-1160	1.7	9
47	Low-temperature crystal and magnetic structures of the magnetoelectric material Fe <sub>4</sub> Nb <sub>2</sub> O <sub>9</sub> . <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	9
46	Large linear magnetoelectric effect and field-induced ferromagnetism and ferroelectricity in DyCrO <sub>4</sub> . <i>NPG Asia Materials</i> , <b>2019</b> , 11,	10.3	9
45	Influence of yttria additions on the oxidation behaviour of titanium prepared by powder metallurgy. <i>Scripta Materialia</i> , <b>2009</b> , 60, 1008-1011	5.6	9
44	Cytocompatibility, biofilm assembly and corrosion behavior of Mg-HAP composites processed by extrusion. <i>Materials Science and Engineering C</i> , <b>2017</b> , 78, 667-673	8.3	8
43	Influence of processing route and yttria additions on the oxidation behavior of tungsten. <i>Journal of Nuclear Materials</i> , <b>2013</b> , 442, S214-S218	3.3	8
42	High-temperature behavior and polymorphism in novel members of the perovskite family Pb <sub>2</sub> LnSbO <sub>6</sub> (Ln=Ho, Er, Yb, Lu). <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 5545-57	5.1	8
41	Annealing-Induced Enhancement of the Gas Diffusivity in Coextruded LLDPE Films Investigated by Positron Lifetime Spectroscopy. <i>Macromolecules</i> , <b>2002</b> , 35, 8088-8092	5.5	8
40	Magnetic structure evolution of Pr <sub>1-x</sub> MnO <sub>3</sub> perovskite from neutron powder diffraction data. <i>Solid State Communications</i> , <b>1999</b> , 113, 227-231	1.6	8
39	Synthesis, structural study and magnetic properties of TbFeMnO <sub>5</sub> . <i>Solid State Communications</i> , <b>2010</b> , 150, 1831-1836	1.6	7
38	Magnetic structures of Ce-rich compounds Ce <sub>5</sub> Sn <sub>3</sub> and Ce <sub>5</sub> Sn <sub>4</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>1992</b> , 116, 419-431	2.8	6
37	SANS characterization of particle dispersions in W-Ti and W-V alloys. <i>International Journal of Refractory Metals and Hard Materials</i> , <b>2016</b> , 61, 173-178	4.1	6
36	Microstructural and mechanical characterization of Cu-0.8 wt.%Y. <i>Fusion Engineering and Design</i> , <b>2015</b> , 98-99, 1941-1944	1.7	5
35	On the magnetic structure of PrMn <sub>2</sub> O <sub>5</sub> : a neutron diffraction study. <i>Journal of Physics Condensed Matter</i> , <b>2012</b> , 24, 076003	1.8	5
34	Tribological study of vanadium-based alloys ion implanted at low energy and high temperature. <i>Vacuum</i> , <b>2002</b> , 67, 543-550	3.7	5
33	Unusual magnetic structures in Ce <sub>3</sub> Al <sub>11</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>1995</b> , 140-144, 1229-1230	2.8	5

32	Oxidation behaviour of tungsten with vanadium additions. <i>Fusion Engineering and Design</i> , <b>2019</b> , 146, 783-786	1.7	4
31	High-pressure synthesis and study of the crystal and magnetic structures of the distorted $\text{SeMO}_3$ (M= Mn, Co, Ni, Zn) perovskites. <i>Journal of Physics: Conference Series</i> , <b>2008</b> , 121, 032004	0.3	4
30	Moderate-pressure Synthesis and Neutron Diffraction Study of New Metastable Oxides. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2006</b> , 61, 1507-1514	1	4
29	A neutron diffraction study of the crystallographic and magnetic structure of $\text{LuVO}_3$ . <i>Journal of Magnetism and Magnetic Materials</i> , <b>2004</b> , 272-276, 2163-2164	2.8	4
28	Study of the incommensurate-commensurate magnetic transition in $\text{HoMnO}_3$ perovskite. <i>Journal of Alloys and Compounds</i> , <b>2001</b> , 323-324, 486-489	5.7	4
27	Effect of Ti solute on the recovery of cold-rolled $\text{V}_{95}\text{Ti}_5$ alloys. <i>Journal of Nuclear Materials</i> , <b>1999</b> , 275, 138-145	3.5	4
26	Thermal Stability Study of Vacancy-Type Defects in Commercial Pure Titanium Using Positron Annihilation Spectroscopy . <i>Advanced Engineering Materials</i> , <b>2017</b> , 19, 1500649	3.5	3
25	Fabrication and characterization of dispersion strengthened $\text{Cu-0.8\%Y}$ . <i>Fusion Engineering and Design</i> , <b>2020</b> , 154, 111548	1.7	3
24	Grain boundary misorientation and positron annihilation characteristics in steel Eurofer processed by equal channel angular pressing. <i>Journal of Materials Science</i> , <b>2014</b> , 49, 6722-6733	4.3	3
23	Influence of the $\text{Bi}^{3+}$ electron lone pair in the evolution of the crystal and magnetic structure of $\text{La}_{(1-x)}\text{Bi}_x\text{Mn}_2\text{O}_5$ oxides. <i>Journal of Physics Condensed Matter</i> , <b>2013</b> , 25, 216002	1.8	3
22	Serrated flow in powder metallurgy $\text{Al}_{85}\text{Mg}_{10}\text{Cr}_5$ alloy processed by equal channel angular pressing. <i>Materials Characterization</i> , <b>2012</b> , 73, 16-30	3.9	3
21	Raman and infrared spectroscopy of $\text{Sr}_2\text{B}'\text{UO}_6$ ( $\text{B}' = \text{Ni}; \text{Co}$ ) double perovskites. <i>Vibrational Spectroscopy</i> , <b>2010</b> , 54, 142-147	2.1	3
20	Microstructure and mechanical properties of hot rolled ODS copper. <i>Nuclear Materials and Energy</i> , <b>2020</b> , 24, 100754	2.1	2
19	Crystal Growth of $\text{RNiO}_3$ Perovskites Under High Oxygen Pressure and Hydrothermal Conditions.. <i>Materials Research Society Symposia Proceedings</i> , <b>2005</b> , 878, 1		2
18	Titanium segregation mechanism in deformed vanadium-titanium alloys. <i>Philosophical Magazine Letters</i> , <b>2001</b> , 81, 259-264	1	2
17	Magnetization density in $\text{Ce}_3\text{Al}_{11}$ . <i>Journal of Physics Condensed Matter</i> , <b>1995</b> , 7, 8821-8831	1.8	2
16	Neutron diffraction study of dense-Kondo compound $\text{CeNi}_2\text{Al}_5$ . <i>Physica B: Condensed Matter</i> , <b>1994</b> , 194-196, 373-374	2.8	2
15	Fabrication and characterization of Cu reinforced with Y-enriched particles following a novel powder metallurgy route. <i>Nuclear Materials and Energy</i> , <b>2021</b> , 29, 101075	2.1	2



14	Effects of heat treatment conditions on the microstructure and impact properties of EUROFER 97 ODS steel. <i>Physica Scripta</i> , <b>2011</b> , T145, 014083	2.6	1
13	Magnetic properties and magnetic structure of. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 310, 1575-1577	2.8	1
12	Intergranular Coulomb barriers in thin films of magnetoresistive manganites. <i>Thin Solid Films</i> , <b>2000</b> , 373, 94-97	2.2	1
11	Magnetization spin reversal and neutron diffraction study of polycrystalline Tb <sub>0.55</sub> Sr <sub>0.45</sub> MnO <sub>3</sub> . <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 845, 156355	5.7	1
10	Exploring CuCrFeVTi system to produce high entropy alloys for high heat flux applications. <i>Nuclear Materials and Energy</i> , <b>2021</b> , 29, 101065	2.1	1
9	Mechanical properties and microstructure of W/CuY and W/CuCrZr composites produced by hot isostatic pressing. <i>Fusion Engineering and Design</i> , <b>2019</b> , 146, 1829-1833	1.7	0
8	High-heat flux Cu-0.8Y alloys investigated by positron annihilation spectroscopy. <i>Journal of Alloys and Compounds</i> , <b>2022</b> , 900, 163430	5.7	0
7	Influence of 1 and 5 wt% TiC additions on the oxidation behaviour of pure tungsten. <i>Nuclear Materials and Energy</i> , <b>2020</b> , 24, 100780	2.1	0
6	Enhancing the N <sub>B1</sub> temperature in 3d/5d R <sub>2</sub> NiR <sub>0</sub> O <sub>6</sub> (R=La, Pr and Nd) double perovskites by reducing the R <sub>3+</sub> ionic radii. <i>Acta Materialia</i> , <b>2021</b> , 207, 116684	8.4	0
5	Production and characterization of the Cr <sub>35</sub> Fe <sub>35</sub> V <sub>16.5</sub> Mo <sub>6</sub> Ti <sub>7.5</sub> high entropy alloy. <i>Nuclear Materials and Energy</i> , <b>2022</b> , 30, 101148	2.1	0
4	Characterization and evaluation of CuCrFeV(Ti, Ta, W) system for High Heat Flux applications. <i>Nuclear Materials and Energy</i> , <b>2022</b> , 101187	2.1	0
3	Stress strain curves for thick electroformed Cu pieces. <i>Fusion Engineering and Design</i> , <b>2018</b> , 127, 17-22	1.7	
2	The materials production and processing facility at the Spanish National Centre for fusion technologies (TechnoFusi <sup>3</sup> ). <i>Fusion Engineering and Design</i> , <b>2011</b> , 86, 2538-2540	1.7	
1	Microstructure of a new ODS Cu <sub>0.7</sub> wt-%Cr <sub>0.11</sub> wt-%Zr material produced by a novel powder metallurgical method. <i>Powder Metallurgy</i> , 1-7	1.9	