

Robin Schaeublin

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6405386/robin-schaeublin-publications-by-citations.pdf>

Version: 2024-04-26

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.

137
papers

4,136
citations

35
h-index

59
g-index

146
ext. papers

4,496
ext. citations

3.5
avg, IF

5.37
L-index

#	Paper	IF	Citations
137	Present development status of EUROFER and ODS-EUROFER for application in blanket concepts. <i>Fusion Engineering and Design</i> , 2005 , 75-79, 989-996	1.7	368
136	The microstructure and associated tensile properties of irradiated fcc and bcc metals. <i>Journal of Nuclear Materials</i> , 2000 , 276, 114-122	3.3	276
135	Deformation behaviour and microstructure of nanocrystalline electrodeposited and high pressure torsioned nickel. <i>Acta Materialia</i> , 2005 , 53, 2337-2349	8.4	164
134	Impact of irradiation on the microstructure of nanocrystalline materials. <i>Journal of Nuclear Materials</i> , 2004 , 329-333, 953-957	3.3	159
133	Review on the EFDA programme on tungsten materials technology and science. <i>Journal of Nuclear Materials</i> , 2011 , 417, 463-467	3.3	139
132	On the potentiality of using ferritic/martensitic steels as structural materials for fusion reactors. <i>Nuclear Fusion</i> , 2004 , 44, 56-61	3.3	104
131	Effect of helium on irradiation-induced hardening of iron: A simulation point of view. <i>Journal of Nuclear Materials</i> , 2007 , 362, 152-160	3.3	96
130	Microstructure and mechanical properties of two ODS ferritic/martensitic steels. <i>Journal of Nuclear Materials</i> , 2002 , 307-311, 778-782	3.3	93
129	Impact of He and Cr on defect accumulation in ion-irradiated ultrahigh-purity Fe(Cr) alloys. <i>Acta Materialia</i> , 2013 , 61, 6958-6971	8.4	84
128	Microstructural development under irradiation in European ODS ferritic/martensitic steels. <i>Journal of Nuclear Materials</i> , 2006 , 351, 247-260	3.3	81
127	Wwt.%Y2O3 composite: Microstructure and mechanical properties. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2012 , 538, 53-57	5.3	80
126	A method for simulating electron microscope dislocation images. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1993 , 164, 373-378	5.3	77
125	Effects of irradiation on the microstructure and mechanical properties of nanostructured materials. <i>Philosophical Magazine</i> , 2005 , 85, 723-735	1.6	74
124	Irradiation-induced stacking fault tetrahedra in fcc metals. <i>Philosophical Magazine</i> , 2005 , 85, 769-777	1.6	71
123	MD modeling of defects in Fe and their interactions. <i>Journal of Nuclear Materials</i> , 2003 , 323, 181-191	3.3	67
122	The EU programme for modelling radiation effects in fusion reactor materials: An overview of recent advances and future goals. <i>Journal of Nuclear Materials</i> , 2009 , 386-388, 1-7	3.3	66
121	Laser additive manufacturing of biodegradable magnesium alloy WE43: A detailed microstructure analysis. <i>Acta Biomaterialia</i> , 2019 , 98, 36-49	10.8	57

120	Methods for determining precise values of antiphase boundary energies in Ni ₃ Al. <i>Philosophical Magazine Letters</i> , 1991 , 64, 327-334	1	56
119	Microstructure of irradiated ferritic/martensitic steels in relation to mechanical properties. <i>Journal of Nuclear Materials</i> , 2002 , 307-311, 197-202	3.3	55
118	Molecular dynamics simulation of radiation damage in bcc tungsten. <i>Journal of Nuclear Materials</i> , 2009 , 386-388, 97-101	3.3	50
117	Mechanical behaviour of nanocrystalline electrodeposited Ni above room temperature. <i>Scripta Materialia</i> , 2005 , 53, 23-27	5.6	50
116	Vibrational contributions to the stability of point defects in bcc iron: A first-principles study. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2009 , 267, 3009-3012	1.2	48
115	Investigation of microstructure and mechanical properties of W ₁₈ and W ₁₈ O ₃ materials fabricated by powder metallurgy method. <i>International Journal of Refractory Metals and Hard Materials</i> , 2015 , 50, 210-216	4.1	47
114	Helium and point defect accumulation: (i) microstructure and mechanical behaviour. <i>Comptes Rendus Physique</i> , 2008 , 9, 389-400	1.4	47
113	State of a pressurized helium bubble in iron. <i>Europhysics Letters</i> , 2009 , 85, 60008	1.6	44
112	Effect of interatomic potential on the behavior of dislocation-defect interaction simulation in Fe. <i>Journal of Nuclear Materials</i> , 2008 , 382, 147-153	3.3	43
111	Modelling irradiation effects in fusion materials. <i>Fusion Engineering and Design</i> , 2007 , 82, 2413-2421	1.7	40
110	Comparison between bulk and thin foil ion irradiation of ultra high purity Fe. <i>Journal of Nuclear Materials</i> , 2013 , 442, S786-S789	3.3	39
109	Compositional Grading for Efficient and Narrowband Emission in CdSe-Based Core/Shell Nanoplatelets. <i>Chemistry of Materials</i> , 2019 , 31, 9567-9578	9.6	38
108	Tensile properties and microstructure of 590 MeV proton-irradiated pure Fe and a FeCr alloy. <i>Journal of Nuclear Materials</i> , 2000 , 283-287, 483-487	3.3	38
107	Influence of the stress field due to pressurized nanometric He bubbles on the mobility of an edge dislocation in iron. <i>Philosophical Magazine</i> , 2010 , 90, 1075-1100	1.6	36
106	Stability of helium bubbles in alpha-iron: A molecular dynamics study. <i>Journal of Nuclear Materials</i> , 2009 , 386-388, 360-362	3.3	36
105	The effects of irradiation and testing temperature on tensile behaviour of stainless steels. <i>Journal of Nuclear Materials</i> , 2000 , 283-287, 446-450	3.3	36
104	Weak beam transmission electron microscopy imaging of superdislocations in ordered Ni ₃ Al. <i>Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties</i> , 1996 , 74, 113-136		36
103	Microstructure and mechanical properties of a W ₁₈ wt.%Y ₂ O ₃ composite produced by sintering and hot forging. <i>Journal of Nuclear Materials</i> , 2013 , 442, S225-S228	3.3	35

102	Molecular dynamics simulation of radiation damage in bcc tungsten. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007 , 255, 27-31	1.2	35
101	Helium effects on displacement cascades in Iron. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 415206	1.8	34
100	Multiscale modelling of bi-crystal grain boundaries in bcc iron. <i>Journal of Nuclear Materials</i> , 2009 , 385, 262-267	3.3	33
99	Dislocation-Void interaction in Fe: A comparison between molecular dynamics and dislocation dynamics. <i>Journal of Nuclear Materials</i> , 2009 , 386-388, 102-105	3.3	33
98	Analysis of high temperature deformation mechanism in ODS EUROFER97 alloy. <i>Journal of Nuclear Materials</i> , 2008 , 382, 210-216	3.3	33
97	The microstructure and tensile properties of pure Ni single crystal irradiated with high energy protons. <i>Journal of Nuclear Materials</i> , 2002 , 307-311, 374-379	3.3	33
96	Microstructure assessment of the low activation ferritic/martensitic steel F82H. <i>Journal of Nuclear Materials</i> , 1998 , 258-263, 1178-1182	3.3	32
95	Differences in the microstructure of the F82H ferritic/martensitic steel after proton and neutron irradiation. <i>Journal of Nuclear Materials</i> , 2000 , 283-287, 339-343	3.3	32
94	Surface-induced vacancy loops and damage dispersion in irradiated Fe thin films. <i>Acta Materialia</i> , 2015 , 101, 22-30	8.4	31
93	Evolution of the mechanical properties of the F82H ferritic/martensitic steel after 590 MeV proton irradiation. <i>Journal of Nuclear Materials</i> , 1998 , 258-263, 1345-1349	3.3	31
92	Effect of mechanical alloying on the mechanical and microstructural properties of ODS EUROFER 97. <i>Fusion Engineering and Design</i> , 2007 , 82, 2543-2549	1.7	31
91	Analysis of hardening limits of oxide dispersion strengthened steel. <i>Journal of Nuclear Materials</i> , 2013 , 432, 323-333	3.3	30
90	Molecular dynamics modeling of cavity strengthening in irradiated iron. <i>Journal of Computer-Aided Materials Design</i> , 2007 , 14, 191-201		30
89	Strengthening due to Cr-rich precipitates in Fe-Cr alloys: Effect of temperature and precipitate composition. <i>Journal of Applied Physics</i> , 2010 , 107, 061806	2.5	29
88	-Loop characterization in Fe: comparison between experiments and modeling. <i>Journal of Nuclear Materials</i> , 2002 , 307-311, 871-875	3.3	29
87	Irradiation induced behavior of pure Ni single crystal irradiated with high energy protons. <i>Journal of Nuclear Materials</i> , 2003 , 323, 388-393	3.3	26
86	Effect of irradiation on the microstructure and the mechanical properties of oxide dispersion strengthened low activation ferritic/martensitic steel. <i>Journal of Nuclear Materials</i> , 2007 , 367-370, 217-221	3.3	23
85	The mechanical properties and microstructure of the OPTIMAX series of low activation ferritic-martensitic steels. <i>Journal of Nuclear Materials</i> , 2000 , 283-287, 731-735	3.3	23

84	On the lattice coherency of oxide particles dispersed in EUROFER97. <i>Journal of Nuclear Materials</i> , 2009 , 386-388, 515-519	3.3	22
83	Nanometric crystal defects in transmission electron microscopy. <i>Microscopy Research and Technique</i> , 2006 , 69, 305-16	2.8	22
82	Radiation damage in ferritic/martensitic steels for fusion reactors: a simulation point of view. <i>Nuclear Fusion</i> , 2007 , 47, 1690-1695	3.3	22
81	On the formation of stacking fault tetrahedra in irradiated austenitic stainless steels [A literature review]. <i>Journal of Nuclear Materials</i> , 2013 , 442, S761-S767	3.3	21
80	Chemical segregation behavior of the low activation ferritic/martensitic steel F82H. <i>Journal of Nuclear Materials</i> , 1998 , 258-263, 1350-1355	3.3	21
79	Cascade overlap induced amorphization and disordering in irradiated intermetallics nial and Ni3Al: A molecular dynamic study. <i>Radiation Effects and Defects in Solids</i> , 1997 , 141, 349-362	0.9	19
78	Towards refining microstructures of biodegradable magnesium alloy WE43 by spark plasma sintering. <i>Acta Biomaterialia</i> , 2019 , 98, 67-80	10.8	18
77	Atomistic simulations of nanometric dislocation loops in bcc tungsten. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2009 , 267, 3218-3222	1.2	18
76	Post-irradiation deformation in a Fe-9%Cr alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2001 , 309-310, 82-86	5.3	17
75	Microstructure and growth modes of stoichiometric NiAl and Ni3Al thin films deposited by r.f.-magnetron sputtering. <i>Thin Solid Films</i> , 2000 , 368, 26-34	2.2	17
74	Atomistic simulation of the a0 <100> binary junction formation and its unzipping in body-centered cubic iron. <i>Acta Materialia</i> , 2014 , 64, 24-32	8.4	16
73	Time-Resolved X-Ray Microtomography Observation of Intermetallic Formation Between Solid Fe and Liquid Al. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2013 , 44, 4119-4123	2.3	16
72	Structure of complex oxide nanoparticles in a Fe14Cr2W0.3Ti0.3Y2O3 ODS RAF steel. <i>Journal of Nuclear Materials</i> , 2013 , 442, S158-S163	3.3	16
71	Microstructure of Ti5Al2.5Sn and Ti6Al4V deformed in tensile and fatigue tests. <i>Journal of Nuclear Materials</i> , 2002 , 305, 52-59	3.3	16
70	Structure-mechanics relationships in proton irradiated pure titanium. <i>Journal of Nuclear Materials</i> , 2002 , 307-311, 696-700	3.3	16
69	Molecular dynamics study of strengthening by nanometric void and Cr alloying in Fe. <i>Journal of Nuclear Materials</i> , 2013 , 442, S643-S648	3.3	15
68	Interaction of irradiation-induced prismatic dislocation loops with free surfaces in tungsten. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2017 , 393, 186-189	1.2	15
67	Transmission electron microscopy contrast simulations of -superdislocations in the L12 ordered structure. <i>Scripta Materialia</i> , 1998 , 39, 1325-1332	5.6	15

66	Dislocation defect interaction in irradiated Cu. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2005 , 400-401, 251-255	5.3	15
65	Quantitative analysis of CTEM images of small dislocation loops in Al and stacking fault tetrahedra in Cu generated by molecular dynamics simulation. <i>Journal of Nuclear Materials</i> , 2000 , 276, 251-257	3.3	15
64	Electron energy loss spectroscopy investigation through a nano ablated uranium dioxide sample. <i>Talanta</i> , 2013 , 106, 408-13	6.2	14
63	Study of cascades damage in Ni by MD with different interatomic potentials. <i>Journal of Nuclear Materials</i> , 2007 , 367-370, 298-304	3.3	14
62	Synergistic effects of PKA and helium on primary damage formation in Fe-0.1%He. <i>Journal of Nuclear Materials</i> , 2007 , 367-370, 462-467	3.3	14
61	Temperature-controlled martensitic phase transformations in a model NiAl alloy. <i>Journal of Applied Physics</i> , 2006 , 100, 063520	2.5	14
60	Tensile properties of irradiated Cu single crystals and their temperature dependence. <i>Journal of Nuclear Materials</i> , 2004 , 329-333, 1127-1132	3.3	14
59	On the relationship between unusual mechanical properties and deformation substructures in ordered Ni ₃ Al. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1993 , 164, 379-383	5.3	14
58	Exceptional Strengthening of Biodegradable Mg-Zn-Ca Alloys through High Pressure Torsion and Subsequent Heat Treatment. <i>Materials</i> , 2019 , 12,	3.5	13
57	Biocorrosion Zoomed In: Evidence for Dealloying of Nanometric Intermetallic Particles in Magnesium Alloys. <i>Advanced Materials</i> , 2019 , 31, e1903080	2.4	13
56	Statistical analysis of oxides particles in ODS ferritic steel using advanced electron microscopy. <i>Journal of Nuclear Materials</i> , 2012 , 422, 131-136	3.3	13
55	Nano-sized prismatic vacancy dislocation loops and vacancy clusters in tungsten. <i>Nuclear Materials and Energy</i> , 2018 , 16, 60-65	2.1	13
54	Atomistic simulation of the influence of Cr on the mobility of the edge dislocation in Fe(Cr) alloys. <i>Journal of Nuclear Materials</i> , 2011 , 417, 1094-1097	3.3	12
53	Fabrication of curved-line nanostructures on membranes for transmission electron microscopy investigations of domain walls. <i>Microelectronic Engineering</i> , 2006 , 83, 1726-1729	2.5	12
52	Plastic flow of martensitic model alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004 , 387-389, 16-21	5.3	12
51	General dislocation image stress of anisotropic cubic thin film. <i>Journal of Applied Physics</i> , 2012 , 112, 093523	3.3	11
50	Fabrication of magnetic ring structures for Lorentz electron microscopy. <i>Journal of Magnetism and Magnetic Materials</i> , 2005 , 290-291, 86-89	2.8	11
49	Processing and characterization of a W ₂ Y material for fusion power reactors. <i>Fusion Engineering and Design</i> , 2011 , 86, 2450-2453	1.7	10

48	Atomic-scale simulation of martensitic phase transformations in NiAl. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008 , 481-482, 205-208	5.3	10
47	Formation of an intermetallic phase by high energy implantation: The case of nickel in aluminum. <i>Radiation Effects and Defects in Solids</i> , 1993 , 126, 185-188	0.9	9
46	Unconventional magnetization textures and domain-wall pinning in Sm-Co magnets. <i>Scientific Reports</i> , 2020 , 10, 21209	4.9	9
45	Selective ion-induced grain growth: Thermal spike modeling and its experimental validation. <i>Acta Materialia</i> , 2013 , 61, 6171-6177	8.4	8
44	Advanced materials characterization and modeling using synchrotron, neutron, TEM, and novel micro-mechanical techniques. A European effort to accelerate fusion materials development. <i>Journal of Nuclear Materials</i> , 2013 , 442, S834-S845	3.3	8
43	Welding-induced microstructure in austenitic stainless steels before and after neutron irradiation. <i>Journal of Nuclear Materials</i> , 2007 , 360, 186-195	3.3	8
42	Irradiation-induced phase transformation in undeformed and deformed NiTi shape memory thin films by high-energy ion beams. <i>Philosophical Magazine</i> , 2005 , 85, 577-587	1.6	7
41	The effect of point defects on the martensitic phase transformation. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2006 , 438-440, 102-108	5.3	7
40	Investigation of interfacial segregation at antiphase boundaries in a ternary alloy 84.8Ni-2.8Al-2.4Ta. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2003 , 360, 356-364	5.3	7
39	The tensile properties of irradiated Ni single crystals and their temperature dependence. <i>Philosophical Magazine</i> , 2005 , 85, 745-755	1.6	7
38	Correlation of simulated TEM images with irradiation induced damage. <i>Journal of Nuclear Materials</i> , 2000 , 283-287, 205-209	3.3	7
37	Weak beam under convergent beam illumination. <i>Ultramicroscopy</i> , 2000 , 83, 145-57	3.1	7
36	Amorphization in Al induced by high-energy Ni ion implantation. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1996 , 107, 273-275	1.2	7
35	Equilibrium ternary intermetallic phase in the Mg ₂ Sn-Ta system. <i>Journal of Materials Research</i> , 2016 , 31, 2147-2155	2.5	6
34	In situ transmission electron microscopy of the interaction between a moving dislocation and obstacles of dislocation character in pure iron. <i>Philosophical Magazine Letters</i> , 2013 , 93, 575-582	1	6
33	Atomistic simulation of He bubble in Fe as obstacle to dislocation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2009 , 3, 012013	0.4	6
32	Welding-induced mechanical properties in austenitic stainless steels before and after neutron irradiation. <i>Journal of Nuclear Materials</i> , 2007 , 360, 255-264	3.3	6
31	Correlating TEM images of damage in irradiated materials to molecular dynamics simulations. <i>Journal of Nuclear Materials</i> , 2002 , 307-311, 988-992	3.3	6

30	Effect of Thermal Treatments on Sn-Alloyed Al-Mg-Si Alloys. <i>Materials</i> , 2019 , 12,	3.5	5
29	From materials development to their test in IFMIF: an overview. <i>Nuclear Fusion</i> , 2011 , 51, 113006	3.3	5
28	NANOSTRUCTURED TUNGSTEN-IRON ALLOY PREPARED BY ELECTRODEPOSITION. <i>International Journal of Modern Physics B</i> , 2006 , 20, 4195-4200	1.1	5
27	Structure analysis by diffraction of amorphous zones created by Ni ion implantation into pure Al. <i>Ultramicroscopy</i> , 2000 , 83, 179-91	3.1	5
26	Obstacle strength of binary junction due to dislocation dipole formation: An in-situ transmission electron microscopy study. <i>Journal of Nuclear Materials</i> , 2015 , 465, 648-652	3.3	4
25	Assessment of convergence effects in weak-beam transmission electron microscopy in partial spacing measurements in Ni ₃ Al. <i>Philosophical Magazine Letters</i> , 1997 , 75, 179-186	1	4
24	Mechanical properties-microstructure correlation in neutron irradiated heat-affected zones of austenitic stainless steels. <i>Journal of Nuclear Materials</i> , 2007 , 362, 287-292	3.3	4
23	Quantitative long-range-order measurement and disordering efficiency estimation in ion-irradiated bulk Ni ₃ Al using cross-sectional conventional transmission electron microscopy. <i>Applied Physics Letters</i> , 2000 , 77, 2680-2682	3.4	4
22	Stacking-fault mediated plasticity and strengthening in lean, rare-earth free magnesium alloys. <i>Acta Materialia</i> , 2021 , 211, 116877	8.4	4
21	The elasticity of the $\frac{1}{2}$ a ₀ and a ₀ dislocation loop in ϵ -Fe thin foil. <i>Journal of Nuclear Materials</i> , 2018 , 510, 61-69	3.3	3
20	SANS investigation of proton-irradiated EUROFER97. <i>Journal of Nuclear Materials</i> , 2004 , 329-333, 289-293	3.3	3
19	On the Magnetism Behind the Besnus Transition in Monoclinic Pyrrhotite. <i>Journal of Geophysical Research: Solid Earth</i> , 2018 , 123, 6236	3.6	3
18	Surface damage in TEM thick ϵ -Fe samples by implantation with 150 keV Fe ions. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015 , 352, 217-220	1.2	2
17	Molecular dynamics simulations of irradiation of ϵ -Fe thin films with energetic Fe ions under channeling conditions. <i>Journal of Nuclear Materials</i> , 2014 , 452, 453-456	3.3	2
16	Atomistic Simulation of $\frac{1}{2}$ Screw Dislocations in BCC Tungsten. <i>Advanced Materials Research</i> , 2008 , 59, 247-252	0.5	2
15	Molecular dynamics simulations of phase formation and stability in the Al(Ni) system under irradiation. <i>Philosophical Magazine</i> , 2005 , 85, 737-743	1.6	2
14	Temperature dependence of irradiation effects in pure titanium. <i>Philosophical Magazine</i> , 2005 , 85, 689-695	1.6	2
13	Hardening Mechanisms in Ferritic/Martensitic Steels	3.41-3.41	11

12	Temperature dependence of magnetization processes in Sm(Co, Fe, Cu, Zr) _z magnets with different nanoscale microstructures. <i>Journal of Applied Physics</i> , 2021 , 129, 183903	2.5	2
11	Atomic-scale characterization of commensurate and incommensurate vacancy superstructures in natural pyrrhotites. <i>American Mineralogist</i> , 2021 , 106, 82-96	2.9	2
10	Stability of Al _{0.75} Ni _{0.25} amorphous zones induced by Ni ion implantation into pure aluminium. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1998 , 146, 238-243	1.2	1
9	A channeling goniometer with a wide temperature range sample holder. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1992 , 68, 249-252	1.2	1
8	Stability of small vacancy clusters in tungsten by molecular dynamics. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2020 , 464, 56-59	1.2	1
7	Thermally Decomposed Binary Fe _{1-x} Cr _x Alloys: Toward a Quantitative Relationship Between Strength and Structure. <i>Advanced Engineering Materials</i> , 2021 , 23, 2100909	3.5	0
6	Atomic structure evolution related to the Invar effect in Fe-based bulk metallic glasses. <i>Nature Communications</i> , 2022 , 13, 1082	17.4	0
5	Thermally Decomposed Binary Fe _{1-x} Cr _x Alloys: Toward a Quantitative Relationship Between Strength and Structure. <i>Advanced Engineering Materials</i> , 2022 , 24, 2270010	3.5	0
4	Relaxation mechanisms in martensitic NiTi(Cu): internal friction measurements correlated to in situ TEM straining. <i>Materials Science and Technology</i> , 2008 , 24, 913-919	1.5	
3	High Temperature Grain Boundary Internal Friction and Intergranular Precipitates in Ni-Cr Alloys. <i>Materials Science Forum</i> , 1996 , 207-209, 789-792	0.4	
2	Approach of He/dpa Synergistic Effects in Iron-Based Materials Using JANNUS 2013 , 111-122		
1	Comparison of conventional and Lorentz transmission electron microscopy in magnetic imaging of permanent magnets. <i>Applied Physics Letters</i> , 2021 , 119, 022401	3.4	