

Robin Schaeublin

List of Publications by Year in Descending Order

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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	Atomic structure evolution related to the Invar effect in Fe-based bulk metallic glasses.. <i>Nature Communications</i> , 2022 , 13, 1082	17.4	0
136	Thermally Decomposed Binary Fe ₂ Cr Alloys: Toward a Quantitative Relationship Between Strength and Structure. <i>Advanced Engineering Materials</i> , 2022 , 24, 2270010	3.5	0
135	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
134	Stacking-fault mediated plasticity and strengthening in lean, rare-earth free magnesium alloys. <i>Acta Materialia</i> , 2021 , 211, 116877	8.4	4
133	Comparison of conventional and Lorentz transmission electron microscopy in magnetic imaging of permanent magnets. <i>Applied Physics Letters</i> , 2021 , 119, 022401	3.4	
132	Atomic-scale characterization of commensurate and incommensurate vacancy superstructures in natural pyrrhotites. <i>American Mineralogist</i> , 2021 , 106, 82-96	2.9	2
131	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
130	Unconventional magnetization textures and domain-wall pinning in Sm-Co magnets. <i>Scientific Reports</i> , 2020 , 10, 21209	4.9	9
129	Exceptional Strengthening of Biodegradable Mg-Zn-Ca Alloys through High Pressure Torsion and Subsequent Heat Treatment. <i>Materials</i> , 2019 , 12,	3.5	13
128	Laser additive manufacturing of biodegradable magnesium alloy WE43: A detailed microstructure analysis. <i>Acta Biomaterialia</i> , 2019 , 98, 36-49	10.8	57
127	Effect of Thermal Treatments on Sn-Alloyed Al-Mg-Si Alloys. <i>Materials</i> , 2019 , 12,	3.5	5
126	Towards refining microstructures of biodegradable magnesium alloy WE43 by spark plasma sintering. <i>Acta Biomaterialia</i> , 2019 , 98, 67-80	10.8	18
125	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
124	Biocorrosion Zoomed In: Evidence for Dealloying of Nanometric Intermetallic Particles in Magnesium Alloys. <i>Advanced Materials</i> , 2019 , 31, e1903080	24	13
123	The elasticity of the $\frac{1}{2}$ a0 and a0 dislocation loop in β Fe thin foil. <i>Journal of Nuclear Materials</i> , 2018 , 510, 61-69	3.3	3
122	On the Magnetism Behind the Besnus Transition in Monoclinic Pyrrhotite. <i>Journal of Geophysical Research: Solid Earth</i> , 2018 , 123, 6236	3.6	3
121	Nano-sized prismatic vacancy dislocation loops and vacancy clusters in tungsten. <i>Nuclear Materials and Energy</i> , 2018 , 16, 60-65	2.1	13

120	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
119	Equilibrium ternary intermetallic phase in the Mg ₂ Sn ₃ Al system. <i>Journal of Materials Research</i> , 2016 , 31, 2147-2155	2.5	6
118	Surface-induced vacancy loops and damage dispersion in irradiated Fe thin films. <i>Acta Materialia</i> , 2015 , 101, 22-30	8.4	31
117	Surface damage in TEM thick 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
116	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
115	Investigation of microstructure and mechanical properties of W ₂ C and W ₂ C 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	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
113	Molecular dynamics simulations of irradiation of Fe thin films with energetic Fe ions under channeling conditions. <i>Journal of Nuclear Materials</i> , 2014 , 452, 453-456	3.3	2
112	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
111	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
110	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
109	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
108	Analysis of hardening limits of oxide dispersion strengthened steel. <i>Journal of Nuclear Materials</i> , 2013 , 432, 323-333	3.3	30
107	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
106	Microstructure and mechanical properties of a W ₂ C ₃ 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
105	Electron energy loss spectroscopy investigation through a nano ablated uranium dioxide sample. <i>Talanta</i> , 2013 , 106, 408-13	6.2	14
104	Structure of complex oxide nanoparticles in a Fe _{0.4} Cr _{0.3} W _{0.3} Ti _{0.3} Y ₂ O ₃ ODS RAF steel. <i>Journal of Nuclear Materials</i> , 2013 , 442, S158-S163	3.3	16
103	Selective ion-induced grain growth: Thermal spike modeling and its experimental validation. <i>Acta Materialia</i> , 2013 , 61, 6171-6177	8.4	8

102	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
101	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
100	Approach of He/dpa Synergistic Effects in Iron-Based Materials Using JANNUS 2013 , 111-122		
99	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
98	W ₂ Y ₂ O ₃ composite: Microstructure and mechanical properties. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2012 , 538, 53-57	5.3	80
97	General dislocation image stress of anisotropic cubic thin film. <i>Journal of Applied Physics</i> , 2012 , 112, 093522	5.2	11
96	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
95	Review on the EFDA programme on tungsten materials technology and science. <i>Journal of Nuclear Materials</i> , 2011 , 417, 463-467	3.3	139
94	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
93	From materials development to their test in IFMIF: an overview. <i>Nuclear Fusion</i> , 2011 , 51, 113006	3.3	5
92	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
91	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
90	State of a pressurized helium bubble in iron. <i>Europhysics Letters</i> , 2009 , 85, 60008	1.6	44
89	On the lattice coherency of oxide particles dispersed in EUROFER97. <i>Journal of Nuclear Materials</i> , 2009 , 386-388, 515-519	3.3	22
88	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
87	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
86	Multiscale modelling of bi-crystal grain boundaries in bcc iron. <i>Journal of Nuclear Materials</i> , 2009 , 385, 262-267	3.3	33
85	Molecular dynamics simulation of radiation damage in bcc tungsten. <i>Journal of Nuclear Materials</i> , 2009 , 386-388, 97-101	3.3	50

84	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
83	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
82	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
81	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
80	Helium effects on displacement cascades in Iron. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 4152061-8	1-8	34
79	Atomistic Simulation of π Screw Dislocations in BCC Tungsten. <i>Advanced Materials Research</i> , 2008 , 59, 247-252	0-5	2
78	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	
77	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
76	Analysis of high temperature deformation mechanism in ODS EUROFER97 alloy. <i>Journal of Nuclear Materials</i> , 2008 , 382, 210-216	3-3	33
75	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
74	Helium and point defect accumulation: (i) microstructure and mechanical behaviour. <i>Comptes Rendus Physique</i> , 2008 , 9, 389-400	1-4	47
73	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
72	Modelling irradiation effects in fusion materials. <i>Fusion Engineering and Design</i> , 2007 , 82, 2413-2421	1-7	40
71	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
70	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
69	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
68	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
67	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, 217-227	3-3	23

66	Synergistic effects of PKA and helium on primary damage formation in Fe0.1%He. <i>Journal of Nuclear Materials</i> , 2007 , 367-370, 462-467	3.3	14
65	Molecular dynamics modeling of cavity strengthening in irradiated iron. <i>Journal of Computer-Aided Materials Design</i> , 2007 , 14, 191-201		30
64	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
63	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
62	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
61	Nanometric crystal defects in transmission electron microscopy. <i>Microscopy Research and Technique</i> , 2006 , 69, 305-16	2.8	22
60	NANOSTRUCTURED TUNGSTEN-IRON ALLOY PREPARED BY ELECTRODEPOSITION. <i>International Journal of Modern Physics B</i> , 2006 , 20, 4195-4200	1.1	5
59	Temperature-controlled martensitic phase transformations in a model NiAl alloy. <i>Journal of Applied Physics</i> , 2006 , 100, 063520	2.5	14
58	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
57	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
56	Microstructural development under irradiation in European ODS ferritic/martensitic steels. <i>Journal of Nuclear Materials</i> , 2006 , 351, 247-260	3.3	81
55	Effects of irradiation on the microstructure and mechanical properties of nanostructured materials. <i>Philosophical Magazine</i> , 2005 , 85, 723-735	1.6	74
54	Irradiation-induced stacking fault tetrahedra in fcc metals. <i>Philosophical Magazine</i> , 2005 , 85, 769-777	1.6	71
53	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
52	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
51	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
50	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
49	Deformation behaviour and microstructure of nanocrystalline electrodeposited and high pressure torsioned nickel. <i>Acta Materialia</i> , 2005 , 53, 2337-2349	8.4	164

48	Mechanical behaviour of nanocrystalline electrodeposited Ni above room temperature. <i>Scripta Materialia</i> , 2005 , 53, 23-27	5.6	50
47	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
46	Temperature dependence of irradiation effects in pure titanium. <i>Philosophical Magazine</i> , 2005 , 85, 689-695		2
45	The tensile properties of irradiated Ni single crystals and their temperature dependence. <i>Philosophical Magazine</i> , 2005 , 85, 745-755	1.6	7
44	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
43	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
42	SANS investigation of proton-irradiated EUROFER97. <i>Journal of Nuclear Materials</i> , 2004 , 329-333, 289-293	3.3	3
41	Impact of irradiation on the microstructure of nanocrystalline materials. <i>Journal of Nuclear Materials</i> , 2004 , 329-333, 953-957	3.3	159
40	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
39	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
38	MD modeling of defects in Fe and their interactions. <i>Journal of Nuclear Materials</i> , 2003 , 323, 181-191	3.3	67
37	Investigation of interfacial segregation at antiphase boundaries in a ternary alloy 84.8Ni-2.8Al-0.4Ta. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2003 , 360, 356-364	5.3	7
36	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
35	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
34	-Loop characterization in Fe: comparison between experiments and modeling. <i>Journal of Nuclear Materials</i> , 2002 , 307-311, 871-875	3.3	29
33	Structure-mechanics relationships in proton irradiated pure titanium. <i>Journal of Nuclear Materials</i> , 2002 , 307-311, 696-700	3.3	16
32	Microstructure and mechanical properties of two ODS ferritic/martensitic steels. <i>Journal of Nuclear Materials</i> , 2002 , 307-311, 778-782	3.3	93
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	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
29	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
28	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
27	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
26	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
25	Correlation of simulated TEM images with irradiation induced damage. <i>Journal of Nuclear Materials</i> , 2000 , 283-287, 205-209	3-3	7
24	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
23	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
22	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
21	Microstructure and growth modes of stoichiometric NiAl and Ni ₃ Al thin films deposited by r.f.-magnetron sputtering. <i>Thin Solid Films</i> , 2000 , 368, 26-34	2-2	17
20	Weak beam under convergent beam illumination. <i>Ultramicroscopy</i> , 2000 , 83, 145-57	3-1	7
19	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
18	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
17	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
16	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
15	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
14	Transmission electron microscopy contrast simulations of γ -superdislocations in the L1 ₂ ordered structure. <i>Scripta Materialia</i> , 1998 , 39, 1325-1332	5-6	15
13	Microstructure assessment of the low activation ferritic/martensitic steel F82H. <i>Journal of Nuclear Materials</i> , 1998 , 258-263, 1178-1182	3-3	32

12	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
11	Cascade overlap induced amorphization and disordering in irradiated intermetallics nial and Ni ₃ Al: A molecular dynamic study. <i>Radiation Effects and Defects in Solids</i> , 1997 , 141, 349-362	0.9	19
10	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
9	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
8	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	
7	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
6	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
5	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
4	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
3	Methods for determining precise values of antiphase boundary energies in Ni ₃ Al. <i>Philosophical Magazine Letters</i> , 1991 , 64, 327-334	1	56
2	Hardening Mechanisms in Ferritic/Martensitic Steels341-341-11		2
1	Thermally Decomposed Binary FeCr Alloys: Toward a Quantitative Relationship Between Strength and Structure. <i>Advanced Engineering Materials</i> ,2100909	3.5	0