

De-hai Ping

List of Publications by Year in descending order

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133
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76326

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3565
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#	ARTICLE	IF	CITATIONS
1	Cu clustering and Si partitioning in the early crystallization stage of an Fe _{73.5} Si _{13.5} B ₉ Nb ₃ Cu ₁ amorphous alloy. <i>Acta Materialia</i> , 1999, 47, 997-1006.	7.9	354
2	In situ formed two-phase metallic glass with surface fractal microstructure. <i>Acta Materialia</i> , 2004, 52, 2441-2448.	7.9	239
3	Influence of oxygen on the crystallization behavior of Zr ₆₅ Cu _{27.5} Al _{7.5} and Zr _{66.7} Cu _{33.3} metallic glasses. <i>Acta Materialia</i> , 2000, 48, 3985-3996.	7.9	165
4	Microstructural evolution in 13Cr-8Ni-2.5Mo-2Al martensitic precipitation-hardened stainless steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2005, 394, 285-295.	5.6	164
5	Microstructure and magnetic properties of FePt-Al-O granular thin films. <i>Applied Physics Letters</i> , 2000, 76, 3971-3973.	3.3	152
6	Atom probe characterization of plate-like precipitates in a Mg-RE-Zn-Zr casting alloy. <i>Scripta Materialia</i> , 2003, 48, 1017-1022.	5.2	144
7	Direct evidence for oxygen stabilization of icosahedral phase during crystallization of Zr ₆₅ Cu _{27.5} Al _{7.5} metallic glass. <i>Applied Physics Letters</i> , 2000, 76, 55-57.	3.3	143
8	Solid state amorphization in cold drawn Cu/Nb wires. <i>Acta Materialia</i> , 2001, 49, 389-394.	7.9	139
9	Local chemistry of a nanocrystalline high-strength Mg ₉₇ Y ₂ Zn ₁ alloy. <i>Philosophical Magazine Letters</i> , 2002, 82, 543-551.	1.2	126
10	The effect of Cu on mechanical and precipitation properties of Al-Zn-Mg alloys. <i>Journal of Alloys and Compounds</i> , 2004, 378, 52-60.	5.5	124
11	Microstructural evolution and low temperature impact toughness of a Fe-13Cr-4Ni-Mo martensitic stainless steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2010, 527, 614-618.	5.6	119
12	Formation of the reversed austenite during intercritical tempering in a Fe-13Cr-4Ni-Mo martensitic stainless steel. <i>Materials Letters</i> , 2010, 64, 1411-1414.	2.6	100
13	Microstructures of FePt-Al-O and FePt-Ag nanogranular thin films and their magnetic properties. <i>Journal of Applied Physics</i> , 2001, 90, 4708-4716.	2.5	99
14	Microstructure and shape memory behavior of a Ti ₃₀ Nb ₇₀ Pd alloy. <i>Scripta Materialia</i> , 2005, 52, 1287-1291.	5.2	94
15	Review on γ' Phase in Body-Centered Cubic Metals and Alloys. <i>Acta Metallurgica Sinica (English Letters)</i> , 2014, 27, 1-11.	2.9	91
16	Nanoquasicrystallization of binary Zr-Pd metallic glasses. <i>Applied Physics Letters</i> , 2000, 77, 1102-1104.	3.3	84
17	Grain boundary segregation in a Ni-Fe-based (Alloy 718) superalloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2007, 456, 99-102.	5.6	84
18	Microstructural evolution of Fe ₃ B/Nd ₂ Fe ₁₄ B nanocomposite magnets microalloyed with Cu and Nb. <i>Acta Materialia</i> , 1999, 47, 4641-4651.	7.9	82

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19	Determination of grain size by XRD profile analysis and TEM counting in nano-structured Cu. Journal of Alloys and Compounds, 2009, 476, 113-117.	5.5	76
20	FeCoâ€“Zrâ€“O nanogranular soft-magnetic thin films with a high magnetic flux density. Applied Physics Letters, 2003, 82, 946-948.	3.3	74
21	{112}â€“111â€“ Twinning during Î‰ to body-centered cubic transition. Acta Materialia, 2014, 62, 122-128.	7.9	74
22	TEM investigations on martensite in a Tiâ€“Nb-based shape memory alloy. Scripta Materialia, 2006, 54, 1305-1310.	5.2	73
23	Twin structure of the lath martensite in low carbon steel. Progress in Natural Science: Materials International, 2016, 26, 169-172.	4.4	70
24	Optimization of the microstructure and properties of Co-substituted Feâ€“Siâ€“Bâ€“Nbâ€“Cu nanocrystalline soft magnetic alloys. Journal of Applied Physics, 2003, 93, 9186-9194.	2.5	69
25	Microstructural characterization of an Î±-Fe/Nd ₂ Fe ₁₄ B nanocomposite magnet with a remaining amorphous phase. Journal of Applied Physics, 2000, 87, 8658-8665.	2.5	68
26	Partitioning of Ga and Co atoms in a Fe ₃ B/Nd ₂ Fe ₁₄ B nanocomposite magnet. Journal of Applied Physics, 1998, 83, 7769-7775.	2.5	64
27	Oxidation Behavior of a Niâ€“La ₂ O ₃ Codeposited Film on Nickel. Journal of the Electrochemical Society, 1998, 145, 389-398.	2.9	64
28	Nanoquasicrystalline phase formation in binary Zrâ€“Pd and Zrâ€“Pt alloys. Acta Materialia, 2001, 49, 3453-3462.	7.9	62
29	Structure and magnetic properties of high coercive NdFeB films with a perpendicular anisotropy. Applied Physics Letters, 2003, 82, 1751-1753.	3.3	61
30	Investigations into Tiâ€“(Nb,Ta)â€“Fe alloys for biomedical applications. Acta Biomaterialia, 2016, 32, 336-347.	8.3	61
31	Snoek-Type High-Damping Alloys Realized in Î²-Ti Alloys with High Oxygen Solid Solution. Advanced Materials, 2006, 18, 1541-1544.	21.0	57
32	A popular metastable omega phase in body-centered cubic steels. Materials Chemistry and Physics, 2013, 139, 830-835.	4.0	50
33	Extraordinary high strength Ti-Zr-Ta alloys through nanoscaled, dual-cubic spinodal reinforcement. Acta Biomaterialia, 2017, 53, 549-558.	8.3	50
34	Phase stability and yield stress of Ni-base superalloys containing high Co and Ti. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2006, 37, 3183-3190.	2.2	49
35	The evolution of Î· phase in Niâ€“Co base superalloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 485, 651-656.	5.6	48
36	Novel Ti-Ta-Hf-Zr alloys with promising mechanical properties for prospective stent applications. Scientific Reports, 2016, 6, 37901.	3.3	46

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37	Stress-induced ϵ martensitic (110) twinning in β -Ti alloys. Applied Physics Letters, 2008, 93, .	3.3	45
38	Impurity oxygen redistribution in a nanocrystallized Zr ₆₅ Cr ₁₅ Al ₁₀ Pd ₁₀ metallic glass. Applied Physics Letters, 1999, 74, 812-814.	3.3	44
39	Atom Probe Studies of Nanocrystallization of Amorphous Alloys. Materials Characterization, 2000, 44, 203-217.	4.4	43
40	Microstructural evolution and ductility improvement of a Ti-30Nb alloy with Pd addition. Journal of Alloys and Compounds, 2009, 471, 248-252.	5.5	43
41	Twinning behavior of orthorhombic ϵ -martensite in a Ti-7.5Mo alloy. Science and Technology of Advanced Materials, 2019, 20, 401-411.	6.1	39
42	Low cycle fatigue behavior of nickel-based superalloy GH4145/SQ at elevated temperature. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 373, 54-64.	5.6	38
43	Stability of nanoscale co-precipitates in a superalloy: A combined first-principles and atom probe tomography study. Physical Review B, 2007, 76, .	3.2	38
44	Artificial modulation of magnetic structures on a monatomic layer scale in Co/Ru superlattices. Applied Physics Letters, 2001, 78, 1436-1438.	3.3	37
45	Microstructure Feature of Bulk Glassy Cu ₆₀ Zr ₃₀ Ti ₁₀ Alloy in As-cast and Annealed States. Materials Transactions, 2002, 43, 2647-2650.	1.2	37
46	Effect of Zr and Si addition on high temperature mechanical properties of near β Ti-Al-Zr-Sn based alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2014, 612, 456-461.	5.6	37
47	Structure characterization and photoluminescence properties of (Y _{0.95} xGdxEu _{0.05}) ₂ O ₃ red phosphors converted from layered rare-earth hydroxide (LRH) nanoflake precursors. Journal of Alloys and Compounds, 2013, 559, 188-195.	5.5	36
48	Microstructural characterization of nanocrystalline materials. Journal of Materials Science Letters, 1995, 14, 1536-1540.	0.5	35
49	A New Co-Base Superalloy Strengthened by γ' Phase. Materials Transactions, 2006, 47, 2099-2102.	1.2	35
50	Magnetic properties and microstructures of β -Fe/Nd ₂ Fe ₁₄ B nanocomposite microalloyed with Zr. Journal of Applied Physics, 2002, 91, 8174.	2.5	34
51	A new nanoscale metastable iron phase in carbon steels. Scientific Reports, 2015, 5, 15331.	3.3	34
52	Lath formation mechanisms and twinning as lath martensite substructures in an ultra low-carbon iron alloy. Scientific Reports, 2018, 8, 14264.	3.3	34
53	TEM investigations on lath martensite substructure in quenched Fe-0.2C alloys. Materials Characterization, 2018, 135, 175-182.	4.4	33
54	Microstructure of a newly developed β strengthened Co-base superalloy. Ultramicroscopy, 2007, 107, 791-795.	1.9	32

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55	Microstructural Evolution and Carbides in Quenched Ultra-low Carbon (Fe-C) Alloys. ISIJ International, 2017, 57, 1233-1240.	1.4	32
56	Mechanism of grain size refinement of Fe ₃ B/Nd ₂ Fe ₁₄ B nanocomposite permanent magnet by Cu addition. Journal of Applied Physics, 1999, 85, 2448-2450.	2.5	31
57	Understanding Solid-Solid (fcc to bcc) Transition at Atomic Scale. Acta Metallurgica Sinica (English) Transactions, 2017, 57, 1078-1084.	2.9	31
58	Formation of Perpendicular Graphene Nanosheets on LiFePO ₄ : A First-Principles Characterization. Journal of Physical Chemistry C, 2012, 116, 17650-17656.	3.1	28
59	Electron diffraction analysis of quenched Fe-C martensite. Journal of Materials Science, 2018, 53, 2976-2984.	3.7	28
60	Phase constituents in Ni-Al-Co-Ti quaternary alloys. Intermetallics, 2008, 16, 910-916.	3.9	26
61	Microstructure and magnetic properties of melt-spun Sm(Co _{0.58} Fe _{0.31} Cu _{0.04} Zr _{0.05} B _{0.02}) _z ribbons. Journal of Applied Physics, 2004, 95, 4962-4967.	2.5	23
62	Fe particle size and distribution in high-nitrogen martensitic steels. Journal of Materials Science, 2018, 53, 5339-5355.	3.7	23
63	Microstructural characterization of a rapidly solidified ultrahigh strength Al _{94.5} Cr ₃ Co _{1.5} Ce ₁ alloy. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2000, 31, 607-614.	2.2	22
64	Effects of Ru additions on the microstructure and phase stability of Ni-base superalloy, UDIMET 720LI. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2006, 37, 355-360.	2.2	22
65	Suppression effect of oxygen on the α' to α transformation in a α' -type Ti alloy: insights from first-principles. Modelling and Simulation in Materials Science and Engineering, 2014, 22, 015007.	2.0	22
66	A Simple Method for Observing α' -Fe Electron Diffraction Spots from α' -Fe Directions of Quenched Fe-C Twinned Martensite. ISIJ International, 2018, 58, 159-164.	1.4	22
67	In situ heating TEM observations on carbide formation and α' -Fe recrystallization in twinned martensite. Scientific Reports, 2018, 8, 14454.	3.3	21
68	Microstructure and magnetic properties of microalloyed α' -Fe/Nd ₂ Fe ₁₄ B nanocomposites. Journal of Magnetism and Magnetic Materials, 2002, 239, 437-440.	2.3	20
69	Enhanced magnetic properties of Nd-Fe-B thin films crystallized by heat treatment. Journal of Magnetism and Magnetic Materials, 2003, 260, 406-414.	2.3	19
70	Natural mechanism of the broadened Snoek relaxation profile in ternary body-centered-cubic alloys. Physical Review B, 2007, 75, .	3.2	19
71	Effects of Sc addition on the microstructure and tensile properties of Ti-6.6Al-5.5Sn-1.8Zr alloy. Materials Chemistry and Physics, 2012, 136, 1015-1021.	4.0	19
72	Microstructure of second-phase particles in Ti-5Al-4Sn-2Zr-1Mo-0.25Si-1Nd alloy. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 1997, 28, 1595-1605.	2.2	18

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73	Enhanced high-temperature strength of HfB ₂ /SiC composite up to 1600°C. Journal of the European Ceramic Society, 2018, 38, 1152-1157.	5.7	18
74	An atomic mechanism for the formation of nanotwins in high carbon martensite. Journal of Alloys and Compounds, 2018, 767, 68-72.	5.5	18
75	Microstructural control of Nb addition in nanocrystalline hard magnets with different Nd content. IEEE Transactions on Magnetics, 2003, 39, 2935-2937.	2.1	17
76	Magnetic properties and microstructure of Fe ₃ B/Pr ₂ Fe ₁₄ B-type nanocomposite magnets with Co and Cr additions. Journal of Magnetism and Magnetic Materials, 2006, 299, 136-144.	2.3	17
77	Impact of ruthenium on mechanical properties, biological response and thermal processing of β -type Ti-Nb-Ru alloys. Acta Biomaterialia, 2017, 48, 461-467.	8.3	17
78	Modeling and control of the high damping behavior in Ti-Nb-O alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2009, 521-522, 372-375.	5.6	16
79	Characterization of nanocrystalline Ni ₃₃ Zr ₆₇ alloy. Journal of Applied Physics, 1997, 81, 1103-1108.	2.5	15
80	Controlled Photocatalytic Growth of Ag Nanocrystals on Brookite and Rutile and Their SERS Performance. ACS Applied Materials & Interfaces, 2014, 6, 236-243.	8.0	14
81	Microstructure of ultrahigh carbon martensite. Progress in Natural Science: Materials International, 2018, 28, 749-753.	4.4	14
82	Phase Constituents and Compressive Yield Stress of Ni-Co Base Alloys. Materials Transactions, 2008, 49, 424-427.	1.2	13
83	Microstructure and oxidation behavior of Ti-6Al-2Zr-1Mo-1V-based alloys with Sc addition. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2013, 580, 266-272.	5.6	13
84	Structure and property of polycrystalline (Fe _{0.99} Mo _{0.01}) ₇₈ Si ₉ B ₁₃ alloys. Journal of Applied Physics, 1993, 74, 4501-4505.	2.5	12
85	Microstructural evolution and the magnetic properties of melt-spun Sm-Co-Cu-B and Sm-Co-Fe-Cu-B ribbons. Journal of Magnetism and Magnetic Materials, 2004, 284, 321-329.	2.3	12
86	Microstructural characterization on martensitic β phase in Ti-Nb-Pd alloys. Journal of Alloys and Compounds, 2013, 577, S423-S426.	5.5	12
87	Nanoclusters of β -Fe naturally formed in twinned martensite after martensitic transformation. Journal of Applied Physics, 2018, 123, .	2.5	12
88	Microstructure of soft magnetic FeCo-O (Zr) films with high saturation magnetization. Journal of Magnetism and Magnetic Materials, 2003, 265, 83-93.	2.3	11
89	{332} < 113 > Twinning transfer behavior and its effect on the twin shape in a beta-type Ti-23.1Nb-2.0Zr-1.0O alloy. Journal of Materials Science and Technology, 2021, 91, 58-66.	10.7	11
90	Nanocrystallization of Pd ₇₄ Si ₁₈ Au ₈ metallic glass. Intermetallics, 2002, 10, 1053-1060.	3.9	10

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91	Investigation on structure-magnetic property correlation in melt-spun Sm(Co _{0.56} Fe _{0.31} Cu _{0.04} Zr _{0.05} B _{0.04}) _z ribbons. Journal of Magnetism and Magnetic Materials, 2005, 292, 150-158.	2.3	10
92	Microstructural characterization of \hat{I}_{\pm} -Fe/Sm \hat{e} Fe \hat{e} N nanocomposite hard magnets. Journal of Magnetism and Magnetic Materials, 2004, 277, 337-343.	2.3	9
93	Snoek Relaxation in bcc Metals and High Damping \hat{I}^2 -Ti Alloys. Materials Science Forum, 0, 614, 175-180.	0.3	9
94	Enhanced yielding strength of near- \hat{I}_{\pm} Ti \hat{e} Al \hat{e} Zr \hat{e} Sn high temperature alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 625, 131-139.	5.6	9
95	Anomalous phase stability of surface and interior in a metastable Ti-Nb-Zr alloy. Materials Letters, 2016, 169, 210-213.	2.6	9
96	Simulated electron diffraction patterns of \hat{I}_{\pm} -Fe in Fe-C martensite. Journal of Applied Physics, 2019, 125, .	2.5	9
97	Atom probe characterization of an \hat{I}_{\pm} -Fe/Nd/sub 2/Fe/sub 14/B nanocomposite magnet with a remaining amorphous phase. IEEE Transactions on Magnetics, 1999, 35, 3295-3297.	2.1	8
98	Effect of Pd addition on the microstructure of Ti-30Nb alloy. Metals and Materials International, 2015, 21, 617-622.	3.4	8
99	Precipitations in an Yttrium-Containing Low-Expansion Superalloy. Journal of Materials Science, 1998, 33, 5069-5077.	3.7	7
100	APFIM Studies of Nanocomposite Soft and Hard Magnetic Materials. Materials Science Forum, 1999, 307, 69-74.	0.3	7
101	Atom Probe Investigation of Ruthenium Distributions around Rhenium, Molybdenum and Tungsten in a Gamma Phase of 5th-Generation Nickel-Base Single-Crystal Superalloys. Materials Transactions, 2007, 48, 566-569.	1.2	7
102	Microstructure Investigation on the Triple Junction with an Adjoining Twin Boundary in Nanocrystalline Palladium. Journal of Materials Science and Technology, 2010, 26, 1047-1050.	10.7	7
103	THE \hat{I}_{\pm} PHASE IN A LOW ALLOY MARTENSITIC STEEL. Jinshu Xuebao/Acta Metallurgica Sinica, 2013, 49, 769.	0.3	7
104	Pearlite formation via martensite. Composites Part B: Engineering, 2022, 238, 109859.	12.0	7
105	Magnetic superlattices fabricated by monoatomic layer control. Surface Science, 2001, 493, 713-720.	1.9	6
106	Variation of the Reversed Austenite Amount with the Tempering Temperature in a Fe-13%Cr-4%Ni-Mo Martensitic Stainless Steel. Materials Science Forum, 0, 650, 193-198.	0.3	6
107	Microstructure and oxidation behaviors of near- \hat{I}_{\pm} Ti-6.5Al-4Sn-4Zr-0.5Mo-based alloys with Ir addition. Journal of Materials Science, 2013, 48, 3363-3369.	3.7	6
108	Deformation-induced nontetragonality of martensite in carbon steels. Materials Letters, 2018, 227, 213-216.	2.6	6

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109	Microalloying effect of Cu and Nb on the microstructure and magnetic properties of Fe ₃ B/Nd ₂ Fe ₁₄ B nanocomposite permanent magnets. IEEE Transactions on Magnetics, 1999, 35, 3262-3264.	2.1	5
110	High-resolution transmission-electron-microscopy observation of the ultra-fine structure of natural magnetite. Journal of Applied Crystallography, 1994, 27, 96-102.	4.5	4
111	Effect of Cu On Microstructural Evolution of Nanocrystalline Soft and Hard Magnetic Materials. Materials Research Society Symposia Proceedings, 1999, 577, 507.	0.1	4
112	In situ observation of G. P. zones in an Al-Zn-Mg alloy under irradiation of electron beam. Journal of Materials Science Letters, 2001, 20, 1413-1414.	0.5	4
113	Microstructure of Rapidly Solidified High Strength Al ₉₄ V ₄ Fe ₂ Alloy. Materials Transactions, 2003, 44, 1993-1998.	1.2	4
114	Single dominant distribution of Ge nanogranule embedded in Al oxide thin film. Journal of Applied Physics, 2008, 104, 104305.	2.5	4
115	A transition of γ -Fe ₃ C to α -Fe ₃ C in Fe-C martensite. Scientific Reports, 2020, 10, 6081.	3.0	4
116	Formation of γ -Fe ₃ C Cementite via α -Fe ₃ C (γ -Fe ₃ C) in Fe-C Alloys. Crystal Growth and Design, 2021, 21, 1683-1688.	2.4	4
117	Cubic martensite in high carbon steel. Physical Review Materials, 2018, 2, .	0.4	4
118	Effect of Cu Addition on the Microstructure and Magnetic Properties of an Fe ₃ B/Nd ₂ Fe ₁₄ B Nanocomposite Magnet. Journal of the Magnetics Society of Japan, 1999, 23, 1101-1104.	3.7	3
119	Title is missing!. Journal of Materials Science, 1997, 32, 2501-2507.	5.6	3
120	Atom probe analysis on interaction between Cr and N in bake-hardening steels with anti-aging properties at RT. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2013, 585, 100-107.	2.5	3
121	Metastable α -Fe ₃ C carbide formed during γ -Fe ₃ C particle coarsening in binary Fe-C alloys. Journal of Applied Physics, 2019, 125, 175112.	2.5	2
122	Anisotropy of Snoek relaxation in a highly textured Ti-Nb-O Ti alloy. Journal of Applied Physics, 2008, 104, .	0.9	2
123	Metal-Doped Magnetite Thin Films. Journal of Nanoscience and Nanotechnology, 2012, 12, 5087-5090.	1.2	1
124	Age Hardening of Ultrafine Grained Al-Ti-Cr Alloys Fabricated by Continuous Electron Beam Evaporation. Materials Transactions, 2003, 44, 1955-1961.	2.5	1
125	Interstitial-interstitial interaction of oxygen atoms in a Nb-based ternary body-centered-cubic system. Journal of Applied Physics, 2011, 109, 113536.	2.5	1
126	Design and property control of Ti-Mn-O high damping alloys. Physica Scripta, 2007, T129, 261-264.		

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127	Apfm and HREM Studies of Nanocomposite Soft and Hard Magnetic Materials. Microscopy and Microanalysis, 1998, 4, 108-109.	0.4	0
128	Microstructural Characterization of Rapidly Solidified Ultrahigh Strength Aluminum Alloys. Microscopy and Microanalysis, 1998, 4, 98-99.	0.4	0
129	3æ¬;ã...fã,çãf^ãfãf—ãfãf¼ãf—ã«ã,^ã,ãfŠãfŽçµæ™ŕçŁæ€Šææ—™ã@è\$Łæž: Materia Japan, 2002, 41, 880-881.0.1		0
130	Atom Probe Microanalysis of Fifth-Generation Ni-Base Single-Crystal Superalloys. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2006, 70, 184-187.	0.4	0
131	Scandium (Sc) Behavior in High Temperature Ti Alloys. Key Engineering Materials, 2012, 520, 57-62.	0.4	0
132	B22-O-04The discovery of Ĩ%-Fe in common steels by TEM and XRD. Microscopy (Oxford, England), 2015, 64, i48.2-i48.	1.5	0
133	Twinning Boundary Ĩ%-Fe Makes Carbon Martensite Hard In Steels. , 2017, , .		0