

Dorte Juul Jensen

List of Publications by Year in descending order

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papers

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190
times ranked

2694
citing authors

#	ARTICLE	IF	CITATIONS
1	An experimentally-based molecular dynamics analysis of grain boundary migration during recrystallization in aluminum. <i>Scripta Materialia</i> , 2022, 211, 114489.	5.2	8
2	The effect of voids on boundary migration during recrystallization in additive manufactured samples—a phase field study. <i>Scripta Materialia</i> , 2022, 214, 114675.	5.2	2
3	Twinning during recrystallization and its correlation with the deformation microstructure. <i>Scripta Materialia</i> , 2022, 219, 114852.	5.2	5
4	Local residual stresses and microstructure within recrystallizing grains in iron. <i>Materials Characterization</i> , 2022, 191, 112113.	4.4	13
5	Influence of geometrical alignment of the deformation microstructure on local migration of grain boundaries during recrystallization: A phase-field study. <i>Scripta Materialia</i> , 2021, 191, 116-119.	5.2	12
6	Particle stimulated nucleation revisited in three dimensions: a laboratory-based multimodal X-ray tomography investigation. <i>Materials Research Letters</i> , 2021, 9, 65-70.	8.7	15
7	Metallurgical Investigation of Crossing Noses. <i>Springer Series in Reliability Engineering</i> , 2021, , 81-91.	0.5	0
8	Optimizing laboratory X-ray diffraction contrast tomography for grain structure characterization of pure iron. <i>Journal of Applied Crystallography</i> , 2021, 54, 99-110.	4.5	11
9	Enhanced strength in pure Ti via design of alternating coarse- and fine-grain layers. <i>Acta Materialia</i> , 2021, 206, 116627.	7.9	62
10	In Situ Synchrotron X-ray Micro-Diffraction Investigation of Elastic Strains in Laminated Ti-Al Composites. <i>Metals</i> , 2021, 11, 668.	2.3	2
11	Improved grain mapping by laboratory X-ray diffraction contrast tomography. <i>IUCr</i> , 2021, 8, 559-573.	2.2	12
12	Importance of deformation-induced local orientation distributions for nucleation of recrystallisation. <i>Acta Materialia</i> , 2021, 210, 116808.	7.9	12
13	Microstructure and Texture Evolution During Cold Rolling of 316L Stainless Steel. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2021, 52, 4100-4111.	2.2	8
14	Deep learning for improving non-destructive grain mapping in 3D. <i>IUCr</i> , 2021, 8, 719-731.	2.2	5
15	Quantitative Comparison of the Recrystallization Kinetics of Two Industrially Processed 5xxx Aluminum Alloys. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2021, 52, 4827-4840.	2.2	6
16	Recrystallization boundary migration in the 3D heterogeneous microstructure near a hardness indent. <i>Scripta Materialia</i> , 2021, 205, 114187.	5.2	7
17	Effects of dislocation boundary spacings and stored energy on boundary migration during recrystallization: A phase-field analysis. <i>Acta Materialia</i> , 2021, 221, 117377.	7.9	9
18	Residual strain—stress in manganese steel railway crossing determined by synchrotron and laboratory X-rays. <i>Materials Science and Technology</i> , 2021, 37, 6-13.	1.6	2

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19	Unsupervised Deep Learning for Laboratory-Based Diffraction Contrast Tomography. Integrating Materials and Manufacturing Innovation, 2020, 9, 315-321.	2.6	5
20	Impact of 3D/4D methods on the understanding of recrystallization. Current Opinion in Solid State and Materials Science, 2020, 24, 100821.	11.5	12
21	Surface patterning for combined digital image correlation and electron backscatter diffraction in-situ deformation experiments. Materials Characterization, 2020, 164, 110332.	4.4	9
22	A flexible and standalone forward simulation model for laboratory X-ray diffraction contrast tomography. Acta Crystallographica Section A: Foundations and Advances, 2020, 76, 652-663.	0.1	12
23	Alignment of sample position and rotation during <i>in situ</i> synchrotron X-ray micro-diffraction experiments using a Laue cross-correlation approach. Journal of Applied Crystallography, 2019, 52, 1119-1127.	4.5	2
24	Crack formation within a Hadfield manganese steel crossing nose. Wear, 2019, 438-439, 203049.	3.1	9
25	In-situ investigation of the evolution of annealing twins in high purity aluminium. Scripta Materialia, 2018, 153, 68-72.	5.2	21
26	Importance of Non-uniform Boundary Migration for Recrystallization Kinetics. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2018, 49, 5246-5258.	2.2	21
27	Direct observation of nucleation in the bulk of an opaque sample. Scientific Reports, 2017, 7, 42508.	3.3	23
28	Fabricating interstitial-free steel with simultaneous high strength and good ductility with homogeneous layer and lamella structure. Scripta Materialia, 2017, 141, 111-114.	5.2	63
29	Microstructural Analysis of Orientation-Dependent Recovery and Recrystallization in a Modified 9Cr-1Mo Steel Deformed by Compression at a High Strain Rate. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2016, 47, 4682-4693.	2.2	19
30	Crystallographic Analysis of Nucleation at Hardness Indentations in High-Purity Aluminum. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2016, 47, 5863-5870.	2.2	7
31	Effects of structural heterogeneity of nanostructured copper on the evolution of the sizes of recrystallized grains during annealing. IOP Conference Series: Materials Science and Engineering, 2015, 89, 012033.	0.6	1
32	Dark field X-ray microscopy for studies of recrystallization. IOP Conference Series: Materials Science and Engineering, 2015, 89, 012016.	0.6	2
33	Orientations of recrystallization nuclei developed in columnar-grained Ni at triple junctions. IOP Conference Series: Materials Science and Engineering, 2015, 82, 012044.	0.6	0
34	Nucleation at hardness indentations in cold rolled Al. IOP Conference Series: Materials Science and Engineering, 2015, 89, 012054.	0.6	1
35	Thermal stability of a highly-deformed warm-rolled tungsten plate in the temperature range 1100–1250 °C. Fusion Engineering and Design, 2015, 98-99, 1924-1928.	1.9	67
36	Boundary Fractal Analysis of Two Cube-oriented Grains in Partly Recrystallized Copper. IOP Conference Series: Materials Science and Engineering, 2015, 82, 012006.	0.6	4

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37	36th RisÅ, International Symposium on Materials Science. IOP Conference Series: Materials Science and Engineering, 2015, 89, 011001.	0.6	2
38	In-situ observations of nucleation in Al-0.1Mg. IOP Conference Series: Materials Science and Engineering, 2015, 89, 012051.	0.6	0
39	Local strain distributions in partially recrystallized copper determined by in situ tensile investigation. IOP Conference Series: Materials Science and Engineering, 2015, 82, 012103.	0.6	1
40	A phase-field simulation study of irregular grain boundary migration during recrystallization. IOP Conference Series: Materials Science and Engineering, 2015, 89, 012037.	0.6	10
41	Characterization of boundary roughness of two cube grains in partly recrystallized copper. IOP Conference Series: Materials Science and Engineering, 2015, 89, 012044.	0.6	1
42	Supercube grains leading to a strong cube texture and a broad grain size distribution after recrystallization. Philosophical Magazine, 2015, 95, 2427-2449.	1.6	12
43	Kinetics of individual grains during recrystallization of cold-rolled copper. IOP Conference Series: Materials Science and Engineering, 2015, 82, 012048.	0.6	2
44	Evolution of microstructure and texture during recovery and recrystallization in heavily rolled aluminum. IOP Conference Series: Materials Science and Engineering, 2015, 82, 012083.	0.6	3
45	Boundary migration during recrystallization: experimental observations. IOP Conference Series: Materials Science and Engineering, 2015, 89, 012015.	0.6	3
46	Recrystallization kinetics of warm-rolled tungsten in the temperature range 1150â€“1350 Å°C. Journal of Nuclear Materials, 2014, 455, 591-594.	2.7	89
47	3D X-RAY DIFFRACTION MICROSCOPY. , 2014, , 205-253.		1
48	Comparative characterization of Cuâ€“Ni substrates for coated conductors. Journal of Alloys and Compounds, 2014, 601, 9-13.	5.5	20
49	In-Situ Investigation of Local Boundary Migration During Recrystallization. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 2899-2905.	2.2	26
50	Oriented growth during recrystallization revisited in three dimensions. Scripta Materialia, 2014, 72-73, 9-12.	5.2	43
51	Effects of heterogeneity on recrystallization kinetics of nanocrystalline copper prepared by dynamic plastic deformation. Acta Materialia, 2014, 72, 252-261.	7.9	47
52	Direct Observation of Grain Boundary Migration during Recrystallization within the Bulk of a Moderately Deformed Aluminium Single Crystal. Materials Transactions, 2014, 55, 128-136.	1.2	24
53	Phase-field simulation study of the migration of recrystallization boundaries. Physical Review B, 2013, 88, .	3.2	60
54	Recovery and recrystallization in commercial purity aluminum cold rolled to an ultrahigh strain. Acta Materialia, 2013, 61, 5354-5364.	7.9	86

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55	Effects of Widening during Rolling on the Subsequent Recrystallization Kinetics of Copper. Materials Science Forum, 2013, 753, 285-288.	0.3	1
56	Annealing behaviour of a nanostructured Cu-45At.%Ni alloy. Journal of Materials Science, 2013, 48, 4183-4190.	3.7	35
57	Importance of Local Structural Variations on Recrystallization. Materials Science Forum, 2013, 753, 37-41.	0.3	13
58	Kinetics of Thermal Grooving during Low Temperature Recrystallization of Pure Aluminum. Materials Science Forum, 2013, 753, 117-120.	0.3	5
59	Boundary Migration during Recrystallization of Heavily Deformed Pure Nickel. Materials Science Forum, 2012, 715-716, 329-332.	0.3	4
60	New 3DXRD Results on Recrystallization and Grain Growth. Materials Science Forum, 2012, 715-716, 393-398.	0.3	4
61	The three dimensional X-ray diffraction technique. Materials Characterization, 2012, 72, 1-7.	4.4	36
62	<i>In-situ</i> measurement of annealing kinetics of individual bulk grains in nanostructured aluminium. Philosophical Magazine, 2012, 92, 3381-3391.	1.6	10
63	Three-dimensional investigation of recrystallization nucleation in a particle-containing Al alloy. Scripta Materialia, 2012, 67, 320-323.	5.2	57
64	3D Characterization of Recrystallization Boundaries. , 2012, , 31-36.		2
65	Deformed metals - structure, recrystallisation and strength. Materials Science and Technology, 2011, 27, 1229-1240.	1.6	62
66	Local boundary migration during recrystallization in pure aluminium. Scripta Materialia, 2011, 64, 331-334.	5.2	49
67	In situ measurements of growth rates and grain-averaged activation energies of individual grains during recrystallization of 50% cold-rolled aluminium. Scripta Materialia, 2011, 64, 1003-1006.	5.2	30
68	Evolution of orientations and deformation structures within individual grains in cold rolled columnar grained nickel. Acta Materialia, 2011, 59, 5451-5461.	7.9	12
69	Analysis of Orientation Relations Between Deformed Grains and Recrystallization Nuclei. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2011, 42, 1400-1408.	2.2	11
70	Towards an integrated materials characterization toolbox. Journal of Materials Research, 2011, 26, 1341-1383.	2.6	84
71	Evolution of Microstructure and Texture during Annealing of Aluminum AA1050 Cold Rolled to High and Ultrahigh Strains. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2010, 41, 2936-2948.	2.2	38
72	3D EBSD characterization of deformation structures in commercial purity aluminum. Materials Characterization, 2010, 61, 1203-1210.	4.4	31

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73	Effects of clustered nucleation on recrystallization. Scripta Materialia, 2009, 60, 477-480.	5.2	12
74	Direct non-destructive observation of bulk nucleation in 30% deformed aluminum. Scripta Materialia, 2009, 61, 875-878.	5.2	47
75	Analysis of the growth of individual grains during recrystallization in pure nickel. Acta Materialia, 2009, 57, 2631-2639.	7.9	52
76	Microstructural path model and strain dependence of recrystallisation in commercial aluminium. Materials Science and Technology, 2009, 25, 403-406.	1.6	2
77	Time Evolution in 3D Metal Microstructures — Recrystallization. Materials Transactions, 2009, 50, 1655-1659.	1.2	5
78	Analysis of Deformation Structures in FCC Materials Using EBSD and TEM Techniques. , 2009, , 263-275.		6
79	DXRD and Its Applications Leading to New Modelling. , 2009, , 247-254.		1
80	Neutron and Synchrotron X-ray Studies of Recrystallization Kinetics. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2008, 39, 3065-3069.	2.2	18
81	Three-dimensional geometric simulations of random anisotropic growth during transformation phenomena. Scripta Materialia, 2008, 58, 279-282.	5.2	14
82	Direct observation of 3-D grain growth in Al&eac10.1% Mn. Scripta Materialia, 2008, 59, 491-494.	5.2	79
83	Automatic determination of recrystallization parameters based on EBSD mapping. Materials Characterization, 2008, 59, 794-800.	4.4	51
84	Molecular dynamics simulations of grain boundary migration during recrystallization employing tilt and twist dislocation boundaries to provide the driving pressure. Modelling and Simulation in Materials Science and Engineering, 2008, 16, 065002.	2.0	19
85	Simulation of Recrystallization Using Molecular Dynamics; Effects of the Interatomic Potential. Materials Science Forum, 2007, 558-559, 1081-1086.	0.3	3
86	Mapping Partially Recrystallised Structures by 3DXRD. Materials Science Forum, 2007, 558-559, 389-394.	0.3	1
87	Misorientation Aspects of Growth during Recrystallization. Materials Science Forum, 2007, 558-559, 85-92.	0.3	4
88	Effect of Annealing Temperature on Recrystallisation in Al (AA1200) Cold Rolled to a True Strain of 4. Materials Science Forum, 2007, 558-559, 395-400.	0.3	3
89	Three Dimensional Characterization of Grain Structures by EBSP and 3DXRD. Materials Science Forum, 2007, 558-559, 751-756.	0.3	2
90	3D Spatial Distribution of Nuclei in 90% Cold Rolled Aluminium. Materials Science Forum, 2007, 558-559, 345-350.	0.3	4

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91	Development of the cube texture at low annealing temperatures in highly rolled pure nickel. Acta Materialia, 2007, 55, 3531-3540.	7.9	53
92	Orientations of recrystallization nuclei developed in columnar-grained Ni at triple junctions and a high-angle grain boundary. Acta Materialia, 2007, 55, 4955-4964.	7.9	34
93	Simulations of boundary migration during recrystallization using molecular dynamics. Acta Materialia, 2007, 55, 6383-6391.	7.9	49
94	Effects of distributions of growth rates on recrystallization kinetics and microstructure. Scripta Materialia, 2007, 57, 345-348.	5.2	22
95	Microstructural-Based Measurement of Local Stored Energy Variations in Deformed Metals. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2007, 38, 2329-2339.	2.2	37
96	X-ray microscopy in four dimensions. Materials Today, 2006, 9, 18-25.	14.2	81
97	Nondestructive approaches for 3-D materials characterization. Jom, 2006, 58, 40-44.	1.9	25
98	Analytical expression for the evolution of interfacial area density between transformed grains during nucleation and growth transformations. Scripta Materialia, 2006, 54, 1509-1513.	5.2	19
99	Non-destructive characterization of recrystallization kinetics using three-dimensional X-ray diffraction microscopy. Scripta Materialia, 2006, 55, 51-56.	5.2	59
100	Large Strain Deformation and Annealing of Aluminium. Materials Science Forum, 2006, 519-521, 79-84.	0.3	8
101	Recrystallization of AA1050 Studied by 3DXRD. Materials Science Forum, 2006, 519-521, 1569-1578.	0.3	0
102	Deformation strain inhomogeneity in columnar grain nickel. Scripta Materialia, 2005, 53, 565-570.	5.2	8
103	Nucleation of recrystallization observed in situ in the bulk of a deformed metal. Scripta Materialia, 2005, 53, 553-557.	5.2	28
104	Towards atomic level simulations of recrystallisation " setting up suitable geometry. Materials Science and Technology, 2005, 21, 1373-1375.	1.6	10
105	Recrystallisation kinetics: from statics to dynamics and from 2D to 3D. Materials Science and Technology, 2005, 21, 1365-1372.	1.6	9
106	Recrystallisation kinetics of aluminium AA1200 cold rolled to true strain of 2. Materials Science and Technology, 2005, 21, 1407-1411.	1.6	21
107	The Orientations of Nuclei at Triple Junctions in Deformed Columnar Grain Ni. Materials Science Forum, 2005, 495-497, 1309-1314.	0.3	1
108	In Situ Investigation of Bulk Nucleation by X-Ray Diffraction. Materials Science Forum, 2004, 467-470, 81-86.	0.3	3

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109	Growth Rate Distributions during Recrystallization of Copper. Materials Science Forum, 2004, 467-470, 197-202.	0.3	2
110	Recrystallization Kinetics in the Bulk and at the Surface. Materials Science Forum, 2004, 467-470, 147-152.	0.3	1
111	Effects of Nuclei Clustering on Recrystallization Kinetics. Materials Science Forum, 2004, 467-470, 193-196.	0.3	6
112	In-Situ Measurements of Growth of Nuclei within the Bulk of Deformed Aluminium Single Crystals. Materials Science Forum, 2004, 467-470, 189-192.	0.3	3
113	Watching the Growth of Bulk Grains During Recrystallization of Deformed Metals. Science, 2004, 305, 229-232.	12.6	234
114	Microstructural parameters and flow stress in Al-0.13% Mg deformed by ECAE processing. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 387-389, 235-239.	5.6	60
115	The effect of roll gap geometry on microstructure in cold-rolled aluminum. Acta Materialia, 2004, 52, 5761-5770.	7.9	56
116	Three-Dimensional X-Ray Diffraction Microscopy Using High-Energy X-Rays. MRS Bulletin, 2004, 29, 166-169.	3.5	31
117	Growth kinetics of individual grains during recrystallization with an intermediate cooling cycle. Scripta Materialia, 2003, 48, 513-518.	5.2	7
118	Reply to comment on "Microstructural path and temperature dependence of recrystallization in commercial aluminum". Scripta Materialia, 2003, 48, 1565-1567.	5.2	1
119	Automatic determination of recrystallization parameters in metals by electron backscatter pattern line scans. Materials Characterization, 2003, 51, 271-282.	4.4	10
120	Non-destructive mapping of grains in three dimensions. Scripta Materialia, 2003, 49, 1093-1096.	5.2	44
121	Microstructures and boundary populations in materials produced by equal channel angular extrusion. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2003, 342, 320-328.	5.6	142
122	Recrystallization in hot vs cold deformed commercial aluminum: a microstructure path comparison. Acta Materialia, 2003, 51, 3005-3018.	7.9	41
123	Orientation relationships between recrystallization nuclei at triple junctions and deformed structures. Acta Materialia, 2003, 51, 3999-4011.	7.9	46
124	Recrystallization kinetics of individual bulk grains in 90% cold-rolled aluminium. Acta Materialia, 2003, 51, 4423-4435.	7.9	104
125	From 2D to 3D Microtexture Investigations. Materials Science Forum, 2002, 408-412, 49-66.	0.3	15
126	Orientation correlations in aluminium deformed by ECAE. Scripta Materialia, 2002, 47, 289-294.	5.2	38

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127	Three-dimensional maps of grain boundaries and the stress state of individual grains in polycrystals and powders. <i>Journal of Applied Crystallography</i> , 2001, 34, 751-756.	4.5	320
128	Effect of grain orientation on microstructures during hot deformation of AA 3104 aluminium alloy by plane strain compression. <i>Acta Materialia</i> , 2001, 49, 3347-3367.	7.9	42
129	Microstructural path and temperature dependence of recrystallization in commercial aluminum. <i>Acta Materialia</i> , 2001, 49, 2083-2094.	7.9	110
130	Quantitative analysis of grain subdivision in cold rolled aluminium. <i>Acta Materialia</i> , 2001, 49, 2441-2451.	7.9	114
131	A three-dimensional X-ray diffraction microscope for deformation studies of polycrystals. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2001, 319-321, 179-181.	5.6	37
132	Recrystallisation of channel die deformed single crystals of typical rolling orientations. <i>Acta Materialia</i> , 2001, 49, 2429-2440.	7.9	67
133	Growth rates for different texture components during recrystallization of IF steel. <i>Scripta Materialia</i> , 2001, 44, 435-441.	5.2	41
134	Special Feature of Crystalline Structure and Magnetic Properties of Grain Oriented 3% Si Steels. <i>Materials Science Forum</i> , 2001, 373-376, 737-740.	0.3	1
135	Application of high-energy synchrotron radiation for texture studies. <i>Journal of Applied Crystallography</i> , 2000, 33, 364-371.	4.5	24
136	Kinetics of individual grains during recrystallization. <i>Scripta Materialia</i> , 2000, 43, 561-566.	5.2	91
137	EBSD Contra TEM Characterization of a Deformed Aluminum Single Crystal. , 2000, , 265-276.		6
138	Three-Dimensional Orientation Imaging. , 2000, , 91-104.		1
139	Development of microstructure in FCC metals during cold work. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 1999, 357, 1447-1469.	3.4	296
140	Effect of grain orientation on deformation structure in cold-rolled polycrystalline aluminium. <i>Acta Materialia</i> , 1998, 46, 5819-5838.	7.9	450
141	Through-Thickness Texture Variations Determined Non-Destructively by High Energy Synchrotron Radiation. <i>Materials Science Forum</i> , 1998, 273-275, 271-276.	0.3	1
142	Future Trends: Texture Analysis for Structure-Sensitive Properties. <i>Materials Science Forum</i> , 1998, 273-275, 29-40.	0.3	0
143	Deformation induced dislocation boundaries: Alignment and effect on mechanical properties. <i>Computational Materials Science</i> , 1997, 9, 251-260.	3.0	5
144	Modelling flow stress anisotropy caused by deformation induced dislocation boundaries. <i>Acta Materialia</i> , 1997, 45, 2455-2465.	7.9	54

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145	Effects of orientation correlations on misorientation distributions in cold-deformed aluminium. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1997, 234-236, 762-765.	5.6	9
146	Applications of orientation mapping by scanning and transmission electron microscopy. <i>Ultramicroscopy</i> , 1997, 67, 25-34.	1.9	15
147	Effect of texture on the development of grain size distribution during normal grain growth. <i>Scripta Materialia</i> , 1996, 34, 1225-1230.	5.2	6
148	EBSP Studies of Growth Rates during Recrystallization. <i>Materials Science Forum</i> , 1996, 204-206, 713-722.	0.3	1
149	Recrystallization kinetics in copper: Comparison between techniques. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 1995, 26, 1717-1724.	2.2	47
150	Quantifying recrystallization nucleation and growth kinetics of cold-worked copper by microstructural analysis. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 1995, 26, 2227-2235.	2.2	31
151	Microstructure and local crystallography of cold rolled aluminium. <i>Acta Metallurgica Et Materialia</i> , 1995, 43, 2563-2579.	1.8	67
152	Growth rates and misorientation relationships between growing nuclei/grains and the surrounding deformed matrix during recrystallization. <i>Acta Metallurgica Et Materialia</i> , 1995, 43, 4117-4129.	1.8	180
153	Axisymmetric Textures in Alumina. <i>Textures and Microstructures</i> , 1995, 24, 67-73.	0.2	0
154	Automatic Recognition of Deformed and Recrystallized Regions in Partly Recrystallized Samples Using Electron Back Scattering Patterns. <i>Materials Science Forum</i> , 1994, 157-162, 149-158.	0.3	28
155	Textural and Microstructural Evolution during Cold-Rolling of Pure Nickel. <i>Materials Science Forum</i> , 1994, 157-162, 693-700.	0.3	4
156	Grain Subdivision during Deformation of Polycrystalline Aluminium. <i>Materials Science Forum</i> , 1994, 157-162, 1211-1218.	0.3	8
157	Annealing Textures in Aluminium Deformed by Hot Plane Strain Compression. <i>Materials Science Forum</i> , 1994, 157-162, 1991-1996.	0.3	5
158	Modeling Microstructural Evolution of Multiple Texture Components during Recrystallization. <i>Materials Science Forum</i> , 1994, 157-162, 1887-1894.	0.3	1
159	Texture Development in Al 3003 during Hot Plane Strain Compression. <i>Materials Science Forum</i> , 1994, 157-162, 745-752.	0.3	5
160	Large strain deformation structures in aluminium crystals with rolling texture orientations. <i>Acta Metallurgica Et Materialia</i> , 1994, 42, 3105-3114.	1.8	138
161	On the estimation of cahn-hagel interface migration rates. <i>Scripta Metallurgica Et Materialia</i> , 1994, 30, 1575-1580.	1.0	19
162	Modeling microstructural evolution of multiple texture components during recrystallization. <i>Acta Metallurgica Et Materialia</i> , 1994, 42, 2427-2436.	1.8	39

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163	Comparison of texture measurements on two phase $\hat{\alpha}/\hat{\beta}^2$ -brass obtained by X-ray and neutron diffraction. Scripta Metallurgica Et Materialia, 1994, 30, 25-30.	1.0	2
164	Kinetic texture measurements. Neutron News, 1992, 3, 20-23.	0.2	4
165	Modelling of microstructure development during recrystallization. Scripta Metallurgica Et Materialia, 1992, 27, 1551-1556.	1.0	36
166	Growth of nuclei with different crystallographic orientations during recrystallization. Scripta Metallurgica Et Materialia, 1992, 27, 533-538.	1.0	48
167	Flow stress anisotropy caused by geometrically necessary boundaries. Acta Metallurgica Et Materialia, 1992, 40, 3265-3275.	1.8	75
168	Recovery and recrystallization in Cold-Rolled Al-SiCw composites. Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science, 1992, 23, 807-819.	1.4	31
169	Flow stress anisotropy in aluminium. Acta Metallurgica Et Materialia, 1990, 38, 1369-1380.	1.8	114
170	TEXTURE TRANSFORMATION DURING ANNEALING. IN-SITU MEASUREMENTS AND COMPUTER MODELLING. Nondestructive Testing and Evaluation, 1990, 5, 335-347.	2.1	4
171	The effect of bending and straightening on rolling texture and microstructure in brass. Scripta Metallurgica Et Materialia, 1990, 24, 2431-2435.	1.0	2
172	Fast Texture Measurements Using a Position Sensitive Detector. Textures and Microstructures, 1989, 10, 361-373.	0.2	13
173	Recrystallization microstructure in cold-rolled aluminum composites reinforced by silicon carbide whiskers. Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science, 1989, 20, 1743-1753.	1.4	52
174	The role of grain size and strain in work hardening and texture development. Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science, 1989, 20, 2803-2810.	1.4	26
175	Flow Stress Anisotropy in Commercially Pure Aluminium. , 1989, , 373-378.		0
176	In-situ measurement of phase transformation kinetics using neutron diffraction. Scripta Metallurgica, 1988, 22, 287-291.	1.2	1
177	A determination of the texture of a directionally solidified sample of high-purity copper. Journal of Materials Science, 1986, 21, 1688-1692.	3.7	4
178	Deformation and recrystallization textures in commercially pure aluminum. Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science, 1986, 17, 253-259.	1.4	45
179	Texture development during recrystallization of aluminium containing large particles. Acta Metallurgica, 1985, 33, 2155-2162.	2.1	98
180	Effects of Initial Parameters on the Development of Cube Texture during Recrystallization of Copper. Materials Science Forum, 0, 702-703, 398-401.	0.3	3

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182	3D Spatial Distribution of Nuclei in 90% Cold Rolled Aluminium. Materials Science Forum, 0, , 345-350.	0.3	1
183	3D Characterization of Recrystallization Boundaries. , 0, , 31-36.		0