Thierry Baudin

List of Publications by Citations

267 papers	4,191 citations	33 h-index	54 g-index
295 ext. papers	4,771 ext. citations	2.6 avg, IF	5.39 L-index

#	Paper	IF	Citations
267	Subduction and obduction processes in the Swiss Alps. *Tectonophysics*, **1998**, 296, 159-204	3.1	251
266	Intermetallic compounds in Al 6016/IF-steel friction stir spot welds. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2010**, 527, 4505-4509	5.3	175
265	Texture control of 316L parts by modulation of the melt pool morphology in selective laser melting. *Journal of Materials Processing Technology*, **2019**, 264, 21-31	5.3	146
264	Microstructural evolution in an Al-6061 alloy processed by high-pressure torsion. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2010**, 527, 4864-4869	5.3	108
263	Ultrafine grains and the HallâPetch relationship in an AlâMgâSi alloy processed by high-pressure torsion. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2012**, 532, 139-145	5.3	106
262	On the role of crystallographic texture in mitigating hydrogen-induced cracking in pipeline steels. *Corrosion Science*, **2011**, 53, 4204-4212	6.8	98
261	Recrystallization mechanisms in 5251 H14 and 5251 O aluminum friction stir welds. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2007**, 445-446, 94-99	5.3	81
260	A study on the formation mechanisms of the cube recrystallization texture in cold rolled Feâ36%Ni alloys. *Acta Materialia*, **2001**, 49, 1105-1122	8.4	81
259	Simulation of normal grain growth by cellular automata. *Scripta Materialia*, **1996**, 34, 1679-1683	5.6	80
258	U-Pb zircon (ID-TIMS and SHRIMP) evidence for the early ordovician intrusion of metagranites in the late Proterozoic Canaveilles Group of the Pyrenees and the Montagne Noire (France). *Bulletin - Societie Geologique De France*, **2005**, 176, 269-282	2.3	75
257	Influence of FSSW parameters on fracture mechanisms of 5182 aluminium welds. *Journal of Materials Processing Technology*, **2010**, 210, 1429-1435	5.3	73
256	EBSD study of hydrogen-induced cracking in API-5L-X46 pipeline steel. *Scripta Materialia*, **2005**, 52, 147-152	5.6	66
255	Evolution of Strength and Homogeneity in a Magnesium AZ31 Alloy Processed by High-Pressure Torsion at Different Temperatures. *Advanced Engineering Materials*, **2012**, 14, 1018-1026	3.5	65
254	Polycyclic magmatism in the Tagragra dâAkka and Kerdousâ Tafeltast inliers (Western Anti-Atlas, Morocco). *Journal of African Earth Sciences*, **2004**, 39, 267-275	2.2	61
253	Role of Crystallographic Texture in Hydrogen-Induced Cracking of Low Carbon Steels for Sour Service Piping. *Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science*, **2007**, 38, 1022-1031	2.3	60
252	Geochronological constraints on the polycyclic magmatism in the Bou Azzer-El Graara inlier (Central Anti-Atlas Morocco). *Journal of African Earth Sciences*, **2014**, 99, 287-306	2.2	58
251	Measurement of stored energy in Feâ48%Ni alloys strongly cold-rolled using three approaches: Neutron diffraction, Dillamore and KAM approaches. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2014**, 614, 193-198	5.3	57

250	Influence of the Goss grain environment during secondary recrystallisation of conventional grain oriented Feâ3%Si steels. *Scripta Materialia*, **2002**, 47, 725-730	5.6	57
249	Additive layer manufacturing of titanium matrix composites using the direct metal deposition laser process. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2016**, 677, 171-181	5.3	57
248	Microstructures and textures of a CuâNiâSi alloy processed by high-pressure torsion. *Journal of Alloys and Compounds*, **2013**, 574, 361-367	5.7	56
247	Influence of stored energy on twin formation during primary recrystallization. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2014**, 589, 112-118	5.3	55
246	Annealing twin formation and recrystallization study of cold-drawn copper wires from EBSD measurements. *Materials Characterization*, **2007**, 58, 947-952	3.9	52
245	Influence of the cold rolled reduction on the stored energy and the recrystallization texture in a Feâ3%Ni alloy. *Scripta Materialia*, **2002**, 46, 311-317	5.6	52
244	Fertility and Childlessness in the United States. *American Economic Review*, **2015**, 105, 1852-82	9.7	51
243	Shear zone patterns and strain distribution at the scale of a Penninic nappe: the Suretta nappe (Eastern Swiss Alps). *Journal of Structural Geology*, **1996**, 18, 753-764	3	46
242	Characterization of Explosive Weld Joints by TEM and SEM/EBSD. *Archives of Metallurgy and Materials*, **2014**, 59, 1129-1136		44
241	Effect of aging on microstructural development in an AlâMgâSi alloy processed by high-pressure torsion. *Journal of Materials Science*, **2012**, 47, 7815-7820	4.3	44
240	Formation of annealing twins during primary recrystallization of two low stacking fault energy Ni-based alloys. *Journal of Materials Science*, **2015**, 50, 2167-2177	4.3	39
239	Basement-cover relationships in the Tambo nappe (Central Alps, Switzerland): geometry, structure and kinematics. *Journal of Structural Geology*, **1993**, 15, 543-553	3	39
238	An examination of microstructural evolution in a CuâNiâSi alloy processed by HPT and ECAP. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2013**, 576, 149-155	5.3	38
237	Zircon UâPb geochronology of Ordovician magmatism in the polycyclic Ruitor Massif (Internal W Alps). *International Journal of Earth Sciences*, **2002**, 91, 964-978	2.2	37
236	Microstructural and textural characterization of copper processed by ECAE. *Materials Characterization*, **2006**, 56, 19-25	3.9	35
235	New geochemical, geochronological and structural constraints on the Ediacaran evolution of the south Sirwa, Agadir-Melloul and Iguerda inliers, Anti-Atlas, Morocco. *Journal of African Earth Sciences*, **2014**, 98, 47-71	2.2	34
234	Analysis of laser shock waves and resulting surface deformations in an AlâCuâLi aluminum alloy. *Journal Physics D: Applied Physics*, **2012**, 45, 335304	3	33
233	Effect of impurities on the recrystallization texture in commercially pure copper-ETP wires. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2007**, 456, 261-269	5.3	32

232	Thermal stability of Cu-Cr-Zr alloy processed by equal-channel angular pressing. *Materials Characterization*, **2016**, 118, 527-534	3.9	32
231	Effect of temperature on the processing of a magnesium alloy by high-pressure torsion. *Journal of Materials Science*, **2012**, 47, 7796-7806	4.3	31
230	Constraints on the Ediacaran inertial interchange true polar wander hypothesis: A new paleomagnetic study in Morocco (West African Craton). *Precambrian Research*, **2017**, 295, 90-116	3.9	30
229	Experimental study of microstructure changes due to low cycle fatigue of a steel nanocrystallised by Surface Mechanical Attrition Treatment (SMAT). *Materials Characterization*, **2017**, 124, 117-121	3.9	30
228	Effect of recrystallization and degree of order on the magnetic and mechanical properties of soft magnetic FeCoâ2V alloy. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2013**, 578, 215-221	5.3	30
227	Relation between the deformation sub-structure after rolling or tension and the recrystallization mechanisms of an IF steel. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2008**, 473, 342-354	5.3	30
226	Monte Carlo simulation of recrystallization in Feâ50%Ni starting from EBSD and bulk texture measurements. *Scripta Materialia*, **2002**, 46, 829-835	5.6	29
225	Investigation of microstructure and texture evolution of a Mg/Al laminated composite elaborated by accumulative roll bonding. *Materials Characterization*, **2019**, 147, 242-252	3.9	29
224	Shortening of the European Dauphinois margin (Oisans Massif, Western Alps): New insights from RSCM maximum temperature estimates and 40Ar/39Ar in situ dating. *Journal of Geodynamics*, **2015**, 83, 37-64	2.2	28
223	Microstructure and texture evolution in a magnesium alloy during processing by high-pressure torsion. *Materials Research*, **2013**, 16, 577-585	1.5	28
222	On the non-existence of a Cadomian basement in southern France (Pyrenees, Montagne Noire): implications for the significance of the pre-Variscan (pre-Upper Ordovician) series. *Bulletin - Societie Geologique De France*, **2004**, 175, 643-655	2.3	28
221	Microstructure, mechanical properties and texture of an AA6061/AA5754 composite fabricated by cross accumulative roll bonding. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2015**, 640, 235-242	5.3	27
220	Role of microtexture in the interaction and coalescence of hydrogen-induced cracks. *Corrosion Science*, **2009**, 51, 1140-1145	6.8	27
219	Texture and microhardness of Mg-Rare Earth (Nd and Ce) alloys processed by high-pressure torsion. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2018**, 724, 477-485	5.3	26
218	Texture and microstructure evolution of FeâNi alloy after accumulative roll bonding. *Journal of Alloys and Compounds*, **2014**, 610, 352-360	5.7	26
217	Study of Inconel 718 weldability using MIG CMT process. *Science and Technology of Welding and Joining*, **2011**, 16, 477-482	3.7	25
216	A ROLE FOR CULTURAL TRANSMISSION IN FERTILITY TRANSITIONS. *Macroeconomic Dynamics*, **2010**, 14, 454-481	0.6	25
215	Evaluating the textural and mechanical properties of an Mg-Dy alloy processed by high-pressure torsion. *Journal of Alloys and Compounds*, **2019**, 778, 61-71	5.7	25

214	Basement shear zones development and shortening kinematics in the Ecrins Massif, Western Alps. *Tectonics*, **2014**, 33, 84-111	4.3	24
213	Observations of and model for insular grains and grain clusters formed during anomalous grain growth in N18 superalloy. *Journal of Applied Physics*, **1998**, 84, 6366-6371	2.5	24
212	Microstructural evolution and mechanical properties on an ARB processed IF steel studied by X-ray diffraction and EBSD. *Materials Characterization*, **2016**, 118, 332-339	3.9	23
211	Microstructure and texture evolution in a Cuâ□Niâ□Si alloy processed by equal-channel angular pressing. *Journal of Alloys and Compounds*, **2015**, 638, 88-94	5.7	23
210	Determination of the total texture. *Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science*, **1993**, 24, 2299-2311		23
209	Microstructure and texture evolution during the ultra grain refinement of the Armco iron deformed by accumulative roll bonding (ARB). *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2013**, 561, 60-66	5.3	22
208	Stored energy evolution in both phases of a duplex steel as a function of cold rolling reduction. *Scripta Materialia*, **2006**, 54, 683-688	5.6	22
207	â□n-situâ□neutron diffraction study of the cube crystallographic texture development in Fe53%-Ni alloy during recrystallization. *Scripta Materialia*, **2000**, 43, 325-330	5.6	22
206	Characterization at a local scale of a laser-shock peened aluminum alloy surface. *Applied Surface Science*, **2011**, 257, 7195-7203	6.7	21
205	Orientation changes inside shear bands occurring in channel-die compressed (112)[1̄1̄1]copper single crystals. *Scripta Materialia*, **1996**, 35, 397-403	5.6	21
204	Texture evolution of an Feâ□Ni alloy sheet produced by cross accumulative roll bonding. *Materials Characterization*, **2014**, 97, 140-149	3.9	20
203	Influence of neighbourhood on abnormal Goss grain growth in Feâ□3% Si steels: Formation of island grains in the large growing grain. *Scripta Materialia*, **2006**, 55, 641-644	5.6	20
202	Microstructural characterization in a hot-rolled, two-phase steel. *Materials Characterization*, **2001**, 47, 365-373	3.9	20
201	Laser cladding of Ni based powder on a Cu-Ni-Al glassmold: Influence of the process parameters on bonding quality and coating geometry. *Journal of Alloys and Compounds*, **2019**, 771, 1018-1028	5.7	20
200	Peneplanation and lithosphere dynamics in the Pyrenees. *Comptes Rendus - Geoscience*, **2016**, 348, 194-202	1.4	19
199	Early Stages of Recrystallization in Equal-Channel Angular Pressing (ECAP)-Deformed AA3104 Alloy Investigated Using Scanning Electron Microscopy (SEM) and Transmission Electron Microscopy (TEM) Orientation Mappings. *Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science*, **2012**, 43, 4777-4793	2.3	19
198	Simulation of primary recrystallization from tem orientation data. *Scripta Materialia*, **2000**, 43, 63-68	5.6	19
197	Elaboration and structural characterization of glasses inside the ternary SrO-TiO2-P2O5 system. *Journal of Physics and Chemistry of Solids*, **2012**, 73, 961-968	3.9	18

196	Deformation textures in wire drawn perlitic steel. *International Journal of Material Forming*, **2010**, 3, 7-11		18
195	TEM study of recovery and recrystallization mechanisms after 40% cold rolling in an IF-Ti steel. *Scripta Materialia*, **2005**, 53, 1001-1006	5.6	18
194	Religion and fertility: The French connection. *Demographic Research*,32, 397-420	1	18
193	In situ electron backscatter diffraction investigation of recrystallization in a copper wire. *Microscopy and Microanalysis*, **2013**, 19, 969-77	0.5	17
192	Grain growth simulation starting from experimental data. *Scripta Materialia*, **1997**, 36, 789-794	5.6	17
191	Simulation of primary recrystallization from TEM observations and neutron diffraction measurements. *Scripta Materialia*, **2004**, 51, 427-430	5.6	17
190	Contribution to the analysis of the Æ interface in some titanium alloys. *Journal of Materials Research*, **1991**, 6, 987-998	2.5	17
189	Barkhausen noise measurements give direct observation of magnetocrystalline anisotropy energy in ferromagnetic polycrystals. *Journal Physics D: Applied Physics*, **2013**, 46, 392001	3	16
188	3D Modeling and Kinematics of the External Zone of the French Western Alps (Belledonne and Grand Chˆelard Massifs, Maurienne Valley, Savoie). *Eclogae Geologicae Helveticae*, **2006**, 99, 211-222		16
187	EBSD study of the development of cube recrystallization texture in Feâ50%Ni. *Scripta Materialia*, **2001**, 45, 413-420	5.6	15
186	Reinforcement of the Cube texture during recrystallization of a 1050 aluminum alloy partially recrystallized and 10% cold-rolled. *Materials Characterization*, **2012**, 64, 1-7	3.9	14
185	Estimation of the Minimum Grain Number for the Orientation Distribution Function Calculation from Individual Orientation Measurements on Feâ3%Si and Tiâ4Alâ6V Alloys. *Journal of Applied Crystallography*, **1995**, 28, 582-589	3.8	14
184	An EBSD analysis of Fe-36%Ni alloy processed by HPT at ambient and a warm temperature. *Journal of Alloys and Compounds*, **2018**, 753, 46-53	5.7	13
183	Quantitative infrared analysis of welding processes: temperature measurement during RSW and CMT-MIG welding. *Science and Technology of Welding and Joining*, **2014**, 19, 38-43	3.7	13
182	The effect of Ti/Y ratio on the recrystallisation behaviour of Feâ14%Cr oxide dispersion-strengthened alloys. *Journal of Nuclear Materials*, **2014**, 452, 359-363	3.3	13
181	Primary Recrystallization of Invar, Fe-36%Ni Alloy: Origin and Development of the Cubic Texture. *Advanced Engineering Materials*, **2010**, 12, 1047-1052	3.5	13
180	Comparison of four arc welding processes used for aluminium alloy cladding. *Science and Technology of Welding and Joining*, **2015**, 20, 75-81	3.7	12
179	Simulation of the anisotropic growth of goss grains in Fe3%Si sheets (grade HiB). *Scripta Materialia*, **1999**, 40, 1111-1116	5.6	12

178	Texture and grain size dependence of grain boundary character distribution in recrystallized Fe-50%Ni. *Scripta Materialia*, **1999**, 41, 847-853	5.6	12
177	Effect of long range order on mechanical properties of partially recrystallized Fe49Coâ2V alloy. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing* , **2014**, 592, 70-76	5.3	11
176	In Situ EBSD Investigation of Recrystallization in a Partially Annealed and Cold-Rolled Aluminum Alloy of Commercial Purity. *Advanced Engineering Materials*, **2012**, 14, 39-44	3.5	11
175	Microstructural and textural investigation of an MgâDy alloy after hot plane strain compression. *Journal of Magnesium and Alloys*, **2020**, 8, 1198-1207	8.8	11
174	Monte Carlo simulation of primary recrystallization and annealing twinning. *Acta Materialia*, **2014**, 81, 457-468	8.4	10
173	On the stored energy evolution after accumulative roll-bonding of invar alloy. *Materials Chemistry and Physics*, **2017**, 201, 408-415	4.4	10
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170	Texture Evolution in Invar Deformed by Asymmetrical Rolling. *Materials Science Forum*, **2007**, 550, 551-556	0.4	10
169	Selective electrodeposition of PbO2 on anodised-polycrystalline titanium. *Electrochimica Acta*, **2004**, 49, 2369-2377	6.7	10
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167	On the evolution of microstructure, texture and corrosion behavior of a hot-rolled and annealed AZ31 alloy. *Materials Chemistry and Physics*, **2021**, 267, 124598	4.4	10
166	Microstructural Evolution and Texture Analysis in a Thermomechanically Processed Low SFE Super-Austenitic Steel (Alloy-28). *Advanced Engineering Materials*, **2018**, 20, 1700928	3.5	9
165	Accumulative Roll Bonding at Room Temperature of a Bi-Metallic AA5754/AA6061 Composite: Impact of Strain Path on Microstructure, Texture, and Mechanical Properties . *Advanced Engineering Materials*, **2018**, 20, 1700285	3.5	9
164	Thermal Stability of an MgâNd Alloy Processed by High-Pressure Torsion. *Advanced Engineering Materials*, **2019**, 21, 1900801	3.5	9
163	Effect of TiO2 and SrO additions on some physical properties of 33Na2Oâ SrOâ TiO2â(50 â 2x)B2O3â7P2O5 glasses. *Journal of Thermal Analysis and Calorimetry*, **2013**, 111, 401-408	4.1	9
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161	A Study of Local Microstructure and Texture Heterogeneities in a CGO Fe3%Si Alloy from Hot Rolling to Primary Recrystallization. *Materials Science Forum*, **2005**, 495-497, 483-488	0.4	9

160	Development of the PC-GMAW welding technology for TMCP steel in accordance with welding thermal cycle, welding technique, structure, and properties of welded joints. *Reports in Mechanical Engineering*, **2020**, 1, 26-33	9.3	9
159	Basement-Cover Decoupling During the Inversion of a Hyperextended Basin: Insights From the Eastern Pyrenees. *Tectonics*, **2021**, 40, e2020TC006512	4.3	9
158	Study of the Relation between Microstructure and Properties (Mechanical/Electrical) of Copper Wire Drawing and Annealed. *Acta Physica Polonica A*, **2013**, 123, 470-472	0.6	8
157	Impurities Effects on the Stored Elastic Energy in Cold-drawn Copper Wires. *Journal of Neutron Research*, **2004**, 12, 249-254	0.5	8
156	Monte Carlo Method for Simulating Grain Growth in 3D Influence of Lattice Site Arrangements. *Materials Science Forum*, **2004**, 467-470, 1117-1122	0.4	8
155	Grain Boundary Wetting Statistic in Zn/Ga System and its Application to Grain Boundary Energy Spectrum Estimation. *Journal of Materials Science*, **2002**, 10, 303-309		8
154	The deformation and recrystallization behaviour of an Mg-Dy alloy processed by plane strain compression. *Materials Today Communications*, **2020**, 24, 101239	2.5	7
153	Microstructure and microtexture evolution with aging treatment in an Al–Mg–Si alloy severely deformed by HPT. *Journal of Materials Science*, **2013**, 48, 4573-4581	4.3	7
152	INCONEL 718 Single and Multipass Modelling of Hot Forging **2012**, 663-672		7
151	The Effect of the Strain Path and the Second Phase Particles on the Microstructure and the Texture Evolution of the AA3104 Alloy Processed by ECAP. *Archives of Metallurgy and Materials*, **2011**, 56,		7
150	Microstructural Changes in Copper Processed by Equal Channel Angular Extrusion and Static Annealing. *Materials Science Forum*, **2003**, 426-432, 2723-2728	0.4	7
149	Neutron Diffraction Measurements of Deformation and Recrystallization Textures in Cold Wire-Drawn Copper. *Materials Science Forum*, **2005**, 495-497, 919-926	0.4	7
148	Study of the development of the cube texture in Fe-50%Ni during recrystallization and normal grain growth. *EPJ Applied Physics*, **2002**, 20, 77-89	1.1	7
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145	Compromise between magnetic shielding and mechanical strength of thin Al/Steel/Al sandwiches produced by cold roll bonding: Experimental and numerical approaches. *Journal of Alloys and Compounds*, **2019**, 798, 67-81	5.7	6
144	INCONEL 718 Recrystallization in the Delta Supersolvus Domain. *Advanced Materials Research*, **2011** , 409, 751-756	0.5	6
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138	Probabilistic and deterministic full field approaches to simulate recrystallization in ODS steels. *Computational Materials Science*, **2020**, 179, 109646	3.2	5
137	Influence of Sulfur on the Recrystallization and {100}<001> Cube Texture Formation in Fe48%Ni Alloys Tapes. *Advanced Engineering Materials*, **2014**, 16, 933-939	3.5	5
136	Grain boundary character distribution of CuNiSi and FeNi alloys processed by severe plastic deformation. *IOP Conference Series: Materials Science and Engineering*, **2015**, 82, 012076	0.4	5
135	The Optimal Trade-Off Between Quality and Quantity with Unknown Number of Survivors. *Mathematical Population Studies*, **2012**, 19, 94-113	0.8	5
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132	Estimation of Stored Energy Distribution from EBSD Measurements. *Materials Science Forum*, **2004**, 467-470, 51-56	0.4	5
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130	Formation and Control of the Cube Texture in Fe-Ni Alloys. *Materials Science Forum*, **2002**, 408-412, 739-748	0.4	5
129	On the evaluation of dislocation densities in pure tantalum from EBSD orientation data. *Materiaux Et Techniques*, **2018**, 106, 604	0.6	5
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126	The Influence of Aging on Industrially Cold Drawn Aluminum Alloy (6101) Used in the Electric Transmission Lines. *International Journal of Engineering Research in Africa*, **2016**, 24, 9-16	0.7	4
125	Microtextural Changes and Superplasticity in an Al-7075 Alloy Processed by High-Pressure Torsion. *Materials Science Forum*, **2016**, 838-839, 445-450	0.4	4

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122	Microstructural Evolution in an Al-6061 Alloy Processed by High-Pressure Torsion and Rapid Annealing. *Materials Science Forum*, **2010**, 667-669, 223-228	0.4	4
121	Dynamic Recrystallization Mechanisms on Spot Welding of 6008 Aluminium Alloy to Steel by Friction Stir Welding. *Materials Science Forum*, **2007**, 558-559, 477-483	0.4	4
120	Study of Local Microstructure and Texture Heterogeneities in Hot Rolled CGO Fe-3%Si Sheets. *Materials Science Forum*, **2004**, 467-470, 123-128	0.4	4
119	Monte Carlo Modeling of Low Carbon Steel Recrystallization: Role of Thermo-Mechanical Treatment and Chemical Composition. *Materials Science Forum*, **2005**, 495-497, 507-512	0.4	4
118	Evolution of Microstructure and Texture during Annealing of a Copper Processed by ECAE. *Materials Science Forum*, **2005**, 495-497, 845-850	0.4	4
117	Automatic Orientation Measurements in TEM for Studying Fe-Ni Recrystallization Mechanisms. *Materials Science Forum*, **2002**, 408-412, 523-528	0.4	4
116	Percolation Properties of Internal Wetted Polycrystals: Effect of Stresses and Material Structure. *Materials Science Forum*, **2002**, 404-407, 373-380	0.4	4
115	Simulation de la texture de deformation en traction uniaxiale et calcul du coefficient de lankford R(de toles d'aciers extra douxâpplication au cas non orthotrope. *Acta Metallurgica Et Materialia*, **1992**, 40, 1177-1186		4
114	Study of texture, mechanical and electrical properties of cold drawn AGS alloy wire. *Steel and Composite Structures*, **2016**, 22, 745-752		4
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112	Investigation of the relationships between mechanical properties and microstructure in a Fe-9%Cr ODS steel. *EPJ Nuclear Sciences & Technologies*, **2016**, 2, 7	1	4
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109	Comparison between ARB and CARB processes on an AA5754/AA6061 composite. *IOP Conference Series: Materials Science and Engineering*, **2014**, 63, 012090	0.4	3
108	Effect of Strain Path on Microstructure and Texture Development in ECAP Processed AA3104 Alloy. *Solid State Phenomena*, **2010**, 160, 265-272	0.4	3
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