

Thierry Baudin

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.

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	Texture evolution in high-pressure torsion processing. <i>Progress in Materials Science</i> , 2022 , 125, 100886	4.2	6
266	Contrasting Paleoproterozoic granitoids in the Kerdous, Tagragra dâAkka, Agadir-Melloul and Iguerda inliers (western Anti-Atlas, Morocco). <i>Journal of African Earth Sciences</i> , 2022 , 189, 104500	2.2	0
265	Geodynamic evolution of a wide plate boundary in the Western Mediterranean, near-field versus far-field interactions. <i>Bulletin - Societe Geologique De France</i> , 2021 , 192, 48	2.3	4
264	Characterization of untransformed ferrite in 10Cr and 12Cr ODS steels. <i>Materialia</i> , 2021 , 16, 101066	3.2	3
263	Basement-Cover Decoupling During the Inversion of a Hyperextended Basin: Insights From the Eastern Pyrenees. <i>Tectonics</i> , 2021 , 40, e2020TC006512	4.3	9
262	Continuous Severe Plastic Deformation of Low-Carbon Steel: PhysicalâMechanical Properties and Multiscale Structure Analysis. <i>Steel Research International</i> , 2021 , 92, 2000482	1.6	0
261	A stored energy analysis of grains with shear texture orientations in Cu-Ni-Si and Fe-Ni alloys processed by high-pressure torsion. <i>Journal of Alloys and Compounds</i> , 2021 , 864, 158142	5.7	2
260	Welding Thermal Cycle Impact on the Microstructure and Mechanical Properties of ThermoâMechanical Control Process Steels. <i>Steel Research International</i> , 2021 , 92, 2000645	1.6	3
259	On the evolution of microstructure, texture and corrosion behavior of a hot-rolled and annealed AZ31 alloy. <i>Materials Chemistry and Physics</i> , 2021 , 267, 124598	4.4	10
258	Effect of heat treatment on the mechanical properties and microstructure of HSLA steels processed by various technologies. <i>Materials Today Communications</i> , 2021 , 28, 102598	2.5	3
257	Microstructural peculiarities and textural characteristics of Niâ sheet alloy after accumulative roll-bonding and annealing. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	
256	The deformation and recrystallization behaviour of an Mg-Dy alloy processed by plane strain compression. <i>Materials Today Communications</i> , 2020 , 24, 101239	2.5	7
255	Effect of the hot rolling on Goss development and magnetic induction in an advanced soft magnetic Feâ7%Co alloy. <i>Journal of Alloys and Compounds</i> , 2020 , 834, 155149	5.7	0
254	Probabilistic and deterministic full field approaches to simulate recrystallization in ODS steels. <i>Computational Materials Science</i> , 2020 , 179, 109646	3.2	5
253	Shear impact during steel wire drawing on grain boundaries and mechanical properties. <i>Letters on Materials</i> , 2020 , 10, 558-565	0.9	
252	Development of the PC-GMAW welding technology for TMCP steel in accordance with welding thermal cycle, welding technique, structure, and properties of welded joints. <i>Reports in Mechanical Engineering</i> , 2020 , 1, 26-33	9.3	9
251	In-situ EBSD investigation of thermal stability of a 316L stainless steel nanocrystallized by Surface Mechanical Attrition Treatment. <i>Materials Letters</i> , 2020 , 263, 127249	3.3	2

250	An investigation of the stored energy and thermal stability in a Cu ₃ Ni ₃ Si alloy processed by high-pressure torsion. <i>Philosophical Magazine</i> , 2020 , 100, 688-712	1.6	6
249	Mechanical Properties and Texture Evolution of High-Carbon Steel Wires during Wire Drawing: Strand Manufacturing. <i>International Journal of Engineering Research in Africa</i> , 2020 , 49, 130-138	0.7	0
248	Microstructural and textural investigation of an Mg ₉₀ Dy ₁₀ alloy after hot plane strain compression. <i>Journal of Magnesium and Alloys</i> , 2020 , 8, 1198-1207	8.8	11
247	Magnetic shielding of a thin Al/steel/Al composite. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2020 , 39, 595-609	0.7	2
246	Recrystallization and grain growth at the interface of a bimetallic colaminated strip composed of two different Fe-Ni alloys. <i>Journal of Physics: Conference Series</i> , 2019 , 1270, 012024	0.3	
245	Compromise between magnetic shielding and mechanical strength of thin Al/Steel/Al sandwiches produced by cold roll bonding: Experimental and numerical approaches. <i>Journal of Alloys and Compounds</i> , 2019 , 798, 67-81	5.7	6
244	Origin of the {111}<112> Cold Rolling Texture Development in a Soft Magnetic Fe-27%Co Alloy. <i>Journal of Materials Engineering and Performance</i> , 2019 , 28, 3767-3776	1.6	1
243	Microstructural Evolutions and Mechanical Properties of Drawn Medium Carbon Steel Wire. <i>International Journal of Engineering Research in Africa</i> , 2019 , 41, 1-7	0.7	4
242	Thermal Stability of an Mg ₉₀ Nd ₁₀ Alloy Processed by High-Pressure Torsion. <i>Advanced Engineering Materials</i> , 2019 , 21, 1900801	3.5	9
241	Magnetic Shielding at Low Frequencies: Application for an Aluminum/Steel Composite Elaborated by Accumulative Roll Bonding. <i>Advanced Engineering Materials</i> , 2019 , 21, 1800967	3.5	2
240	Optimization of Microstructural Evolution during Laser Cladding of Ni Based Powder on GCI Glass Molds. <i>Key Engineering Materials</i> , 2019 , 813, 185-190	0.4	2
239	Texture control of 316L parts by modulation of the melt pool morphology in selective laser melting. <i>Journal of Materials Processing Technology</i> , 2019 , 264, 21-31	5.3	146
238	Laser cladding of Ni based powder on a Cu-Ni-Al glassmold: Influence of the process parameters on bonding quality and coating geometry. <i>Journal of Alloys and Compounds</i> , 2019 , 771, 1018-1028	5.7	20
237	Study of the microstructure and texture heterogeneities of Fe ₉₈ wt%Ni alloy severely deformed by equal channel angular pressing. <i>Journal of Materials Science</i> , 2019 , 54, 4354-4365	4.3	3
236	Evaluating the textural and mechanical properties of an Mg-Dy alloy processed by high-pressure torsion. <i>Journal of Alloys and Compounds</i> , 2019 , 778, 61-71	5.7	25
235	Investigation of microstructure and texture evolution of a Mg/Al laminated composite elaborated by accumulative roll bonding. <i>Materials Characterization</i> , 2019 , 147, 242-252	3.9	29
234	Microstructural Evolution and Texture Analysis in a Thermomechanically Processed Low SFE Super-Austenitic Steel (Alloy-28). <i>Advanced Engineering Materials</i> , 2018 , 20, 1700928	3.5	9
233	An EBSD analysis of Fe-36%Ni alloy processed by HPT at ambient and a warm temperature. <i>Journal of Alloys and Compounds</i> , 2018 , 753, 46-53	5.7	13

232	Texture and microhardness of Mg-Rare Earth (Nd and Ce) alloys processed by high-pressure torsion. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018 , 724, 477-485	5.3	26
231	Magnetostrictive and magnetic effects in Fe-27%Co laminations. <i>AIP Advances</i> , 2018 , 8, 047711	1.5	0
230	Accumulative Roll Bonding at Room Temperature of a Bi-Metallic AA5754/AA6061 Composite: Impact of Strain Path on Microstructure, Texture, and Mechanical Properties. <i>Advanced Engineering Materials</i> , 2018 , 20, 1700285	3.5	9
229	Texture, microstructure and mechanical properties evolution in Fe-x (x = 36 and 48 wt.%) Ni alloy after accumulative roll bonding. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 375, 012034	0.4	1
228	On the evaluation of dislocation densities in pure tantalum from EBSD orientation data. <i>Materiaux Et Techniques</i> , 2018 , 106, 604	0.6	5
227	Strain-induced dissolution of γ - Fe_2O_3 nano-oxides in a consolidated ferritic oxide dispersion strengthened (ODS) steel. <i>Materialia</i> , 2018 , 4, 444-448	3.2	5
226	Study of Microstructural and Mechanical Behavior of Mild Steel Wires Cold Drawn at TREFISOUD. <i>International Journal of Engineering Research in Africa</i> , 2018 , 36, 53-59	0.7	2
225	Low cycle fatigue of 316L stainless steel processed by surface mechanical attrition treatment (SMAT). <i>MATEC Web of Conferences</i> , 2018 , 165, 15002	0.3	1
224	Microstructure, Texture, and Mechanical Properties of Ni-W Alloy After Accumulative Roll Bonding. <i>Journal of Materials Engineering and Performance</i> , 2018 , 27, 5561-5570	1.6	3
223	Multiscale modeling of a low magnetostrictive Fe-27wt%Co-0.5wt%Cr alloy. <i>AIP Advances</i> , 2018 , 8, 056117	1.7	2
222	Constraints on the Ediacaran inertial interchange true polar wander hypothesis: A new paleomagnetic study in Morocco (West African Craton). <i>Precambrian Research</i> , 2017 , 295, 90-116	3.9	30
221	Relaxation path of nanoparticles in an oxygen-enriched ferritic oxide-dispersion-strengthened alloy. <i>Scripta Materialia</i> , 2017 , 136, 37-40	5.6	5
220	Experimental study of microstructure changes due to low cycle fatigue of a steel nanocrystallised by Surface Mechanical Attrition Treatment (SMAT). <i>Materials Characterization</i> , 2017 , 124, 117-121	3.9	30
219	Preparation of metallographic specimens for electron backscatter diffraction. <i>Emerging Materials Research</i> , 2017 , 6, 260-264	1.4	3
218	On the stored energy evolution after accumulative roll-bonding of invar alloy. <i>Materials Chemistry and Physics</i> , 2017 , 201, 408-415	4.4	10
217	Deformation and Recrystallised Texture Evolution and the Followed Mechanical and Electrical Properties of Drawn and Annealed Copper Wires. <i>International Journal of Engineering Research in Africa</i> , 2017 , 31, 20-28	0.7	1
216	Microstructure and Microtexture Evolution of Invar Alloy after Cross Accumulative Roll Bonding (CARB) Compared to ARB. <i>Materials Science Forum</i> , 2016 , 879, 744-749	0.4	3
215	Texture Gradient through Thickness of a Cross Roll-Bonded AA5754/AA6061 Aluminum Composite. <i>Materials Science Forum</i> , 2016 , 879, 2038-2043	0.4	0

214	Microstructural evolution and mechanical properties on an ARB processed IF steel studied by X-ray diffraction and EBSD. <i>Materials Characterization</i> , 2016 , 118, 332-339	3.9	23
213	Peneplanation and lithosphere dynamics in the Pyrenees. <i>Comptes Rendus - Geoscience</i> , 2016 , 348, 194-202		19
212	The Influence of Aging on Industrially Cold Drawn Aluminum Alloy (6101) Used in the Electric Transmission Lines. <i>International Journal of Engineering Research in Africa</i> , 2016 , 24, 9-16	0.7	4
211	Microtextural Changes and Superplasticity in an Al-7075 Alloy Processed by High-Pressure Torsion. <i>Materials Science Forum</i> , 2016 , 838-839, 445-450	0.4	4
210	Development of an in situ method for measuring elastic and total strain fields at the grain scale with an estimation of accuracy. <i>Journal of Materials Science</i> , 2016 , 51, 1234-1250	4.3	2
209	Study of texture, mechanical and electrical properties of cold drawn AGS alloy wire. <i>Steel and Composite Structures</i> , 2016 , 22, 745-752		4
208	Thermal stability of Cu-Cr-Zr alloy processed by equal-channel angular pressing. <i>Materials Characterization</i> , 2016 , 118, 527-534	3.9	32
207	Investigation of the relationships between mechanical properties and microstructure in a Fe-9%Cr ODS steel. <i>EPJ Nuclear Sciences & Technologies</i> , 2016 , 2, 7	1	4
206	Additive layer manufacturing of titanium matrix composites using the direct metal deposition laser process. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016 , 677, 171-181	5.3	57
205	Formation of annealing twins during primary recrystallization of two low stacking fault energy Ni-based alloys. <i>Journal of Materials Science</i> , 2015 , 50, 2167-2177	4.3	39
204	Tem Study of Recrystallization in Ultra-Fine Grain AA3104 Alloy Processed by High-Pressure Torsion. <i>Archives of Metallurgy and Materials</i> , 2015 , 60, 131-144		2
203	Shortening of the European Dauphinois margin (Oisans Massif, Western Alps): New insights from RSCM maximum temperature estimates and ⁴⁰ Ar/ ³⁹ Ar in situ dating. <i>Journal of Geodynamics</i> , 2015 , 83, 37-64	2.2	28
202	Copper Refinement from Anode to Cathode and then to Wire Rod: Effects of Impurities on Recrystallization Kinetics and Wire Ductility. <i>Microscopy and Microanalysis</i> , 2015 , 21, 1153-66	0.5	
201	Fertility and Childlessness in the United States. <i>American Economic Review</i> , 2015 , 105, 1852-82	9.7	51
200	Grain boundary character distribution of CuNiSi and FeNi alloys processed by severe plastic deformation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015 , 82, 012076	0.4	5
199	EBSD characterization of an IF steel processed by Accumulative Roll Bonding. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015 , 82, 012077	0.4	4
198	Effect of Annealing Atmosphere on the Recrystallized Texture and Abnormal Grain Growth of Ni ₈₅ W Alloy Sheets. <i>Advanced Engineering Materials</i> , 2015 , 17, 1568-1572	3.5	4
197	Effect of microalloying elements on the Cube texture formation of Fe48%Ni alloy tapes. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015 , 82, 012036	0.4	1

196	In memoriam tribute to Richard Penelle (1936-2012). <i>IOP Conference Series: Materials Science and Engineering</i> , 2015 , 82, 011002	0.4	
195	Orientation changes near the interface of explosively bonded (carbon steel)/Zr700 sheets. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015 , 82, 012056	0.4	2
194	Microstructure and texture evolution in a Cu-15Ni-5Si alloy processed by equal-channel angular pressing. <i>Journal of Alloys and Compounds</i> , 2015 , 638, 88-94	5.7	23
193	Microstructure, mechanical properties and texture of an AA6061/AA5754 composite fabricated by cross accumulative roll bonding. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015 , 640, 235-242	5.3	27
192	Comparison of four arc welding processes used for aluminium alloy cladding. <i>Science and Technology of Welding and Joining</i> , 2015 , 20, 75-81	3.7	12
191	Analyse des textures cristallographiques et des microstructures 2015 , 80-85	0.1	
190	Basement shear zones development and shortening kinematics in the Ecrins Massif, Western Alps. <i>Tectonics</i> , 2014 , 33, 84-111	4.3	24
189	Influence of Sulfur on the Recrystallization and {100}<001> Cube Texture Formation in Fe48%Ni Alloys Tapes. <i>Advanced Engineering Materials</i> , 2014 , 16, 933-939	3.5	5
188	Texture and microstructure evolution of Fe-15Ni alloy after accumulative roll bonding. <i>Journal of Alloys and Compounds</i> , 2014 , 610, 352-360	5.7	26
187	Geochronological constraints on the polycyclic magmatism in the Bou Azzer-El Graara inlier (Central Anti-Atlas Morocco). <i>Journal of African Earth Sciences</i> , 2014 , 99, 287-306	2.2	58
186	Influence of stored energy on twin formation during primary recrystallization. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014 , 589, 112-118	5.3	55
185	Texture evolution of an Fe-15Ni alloy sheet produced by cross accumulative roll bonding. <i>Materials Characterization</i> , 2014 , 97, 140-149	3.9	20
184	Monte Carlo simulation of primary recrystallization and annealing twinning. <i>Acta Materialia</i> , 2014 , 81, 457-468	8.4	10
183	Measurement of stored energy in Fe-48%Ni alloys strongly cold-rolled using three approaches: Neutron diffraction, Dillamore and KAM approaches. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014 , 614, 193-198	5.3	57
182	New geochemical, geochronological and structural constraints on the Ediacaran evolution of the south Sirwa, Agadir-Melloul and Iguerda inliers, Anti-Atlas, Morocco. <i>Journal of African Earth Sciences</i> , 2014 , 98, 47-71	2.2	34
181	Effect of long range order on mechanical properties of partially recrystallized Fe49Co-1V alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014 , 592, 70-76	5.3	11
180	Quantitative infrared analysis of welding processes: temperature measurement during RSW and CMT-MIG welding. <i>Science and Technology of Welding and Joining</i> , 2014 , 19, 38-43	3.7	13
179	The effect of Ti/Y ratio on the recrystallisation behaviour of Fe-14%Cr oxide dispersion-strengthened alloys. <i>Journal of Nuclear Materials</i> , 2014 , 452, 359-363	3.3	13

178	Comparison between ARB and CARB processes on an AA5754/AA6061 composite. <i>IOP Conference Series: Materials Science and Engineering</i> , 2014 , 63, 012090	0.4	3
177	Measurement of Complementary Strain Fields at the Grain Scale. <i>Advanced Materials Research</i> , 2014 , 996, 64-69	0.5	1
176	Characterization of Explosive Weld Joints by TEM and SEM/EBSD. <i>Archives of Metallurgy and Materials</i> , 2014 , 59, 1129-1136		44
175	Texture in Welded Industrial Aluminum. <i>Applied Mechanics and Materials</i> , 2014 , 563, 7-12	0.3	1
174	Microstructure and microtexture evolution with aging treatment in an Al-Mg-Si alloy severely deformed by HPT. <i>Journal of Materials Science</i> , 2013 , 48, 4573-4581	4.3	7
173	In situ electron backscatter diffraction investigation of recrystallization in a copper wire. <i>Microscopy and Microanalysis</i> , 2013 , 19, 969-77	0.5	17
172	Effect of recrystallization and degree of order on the magnetic and mechanical properties of soft magnetic FeCo-V alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013 , 578, 215-221	5.3	30
171	Barkhausen noise measurements give direct observation of magnetocrystalline anisotropy energy in ferromagnetic polycrystals. <i>Journal Physics D: Applied Physics</i> , 2013 , 46, 392001	3	16
170	Effect of TiO ₂ and SrO additions on some physical properties of 33Na ₂ O-xSrO-(50-x)B ₂ O ₃ -17P ₂ O ₅ glasses. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013 , 111, 401-408	4.1	9
169	Microstructures and textures of a Cu-Ni-Si alloy processed by high-pressure torsion. <i>Journal of Alloys and Compounds</i> , 2013 , 574, 361-367	5.7	56
168	SEM-EBSD Observations of Crack Initiation and Propagation due to Orientation Changes during Forming in Mild Steel. <i>Advanced Materials Research</i> , 2013 , 682, 25-32	0.5	
167	An examination of microstructural evolution in a Cu-Ni-Si alloy processed by HPT and ECAP. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013 , 576, 149-155	5.3	38
166	Microstructure and texture evolution during the ultra grain refinement of the Armco iron deformed by accumulative roll bonding (ARB). <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013 , 561, 60-66	5.3	22
165	Study of the Relation between Microstructure and Properties (Mechanical/Electrical) of Copper Wire Drawing and Annealed. <i>Acta Physica Polonica A</i> , 2013 , 123, 470-472	0.6	8
164	Recrystallization of ECAP-Processed AA4343 Aluminium Alloy Containing Large Second Phase Particles. <i>Materials Science Forum</i> , 2013 , 753, 239-242	0.4	
163	Recrystallization and Grain Growth due to Annealing of an Ultrafine-Grained Al Alloy. <i>Materials Science Forum</i> , 2013 , 753, 303-306	0.4	
162	Soudage homogène MIG de l'alliage d'aluminium 6061. <i>MATEC Web of Conferences</i> , 2013 , 7, 02009	0.3	0
161	Multi-scale analysis by SEM, EBSD and X-ray diffraction of deformation textures of a copper wire drawn industrially. <i>MATEC Web of Conferences</i> , 2013 , 5, 04004	0.3	

160	Glass and glass-ceramics along the SrTiO ₃ -NaPO ₃ line. <i>MATEC Web of Conferences</i> , 2013 , 5, 04013	0.3	2
159	Microstructure and texture evolution in a magnesium alloy during processing by high-pressure torsion. <i>Materials Research</i> , 2013 , 16, 577-585	1.5	28
158	Reinforcement of the Cube texture during recrystallization of a 1050 aluminum alloy partially recrystallized and 10% cold-rolled. <i>Materials Characterization</i> , 2012 , 64, 1-7	3.9	14
157	Elaboration and structural characterization of glasses inside the ternary SrO-TiO ₂ -P ₂ O ₅ system. <i>Journal of Physics and Chemistry of Solids</i> , 2012 , 73, 961-968	3.9	18
156	Ultrafine grains and the Hall-Petch relationship in an Al-Mg-Si alloy processed by high-pressure torsion. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2012 , 532, 139-145	5.3	106
155	In Situ EBSD Investigation of Recrystallization in a Partially Annealed and Cold-Rolled Aluminum Alloy of Commercial Purity. <i>Advanced Engineering Materials</i> , 2012 , 14, 39-44	3.5	11
154	Microstructure and Texture Evolutions in AA1200 Aluminum Alloy Deformed by Accumulative Roll Bonding Method. <i>Solid State Phenomena</i> , 2012 , 186, 112-115	0.4	2
153	The Optimal Trade-Off Between Quality and Quantity with Unknown Number of Survivors. <i>Mathematical Population Studies</i> , 2012 , 19, 94-113	0.8	5
152	Analysis of laser shock waves and resulting surface deformations in an Al-Cu-Mn aluminum alloy. <i>Journal Physics D: Applied Physics</i> , 2012 , 45, 335304	3	33
151	Effect of temperature on the processing of a magnesium alloy by high-pressure torsion. <i>Journal of Materials Science</i> , 2012 , 47, 7796-7806	4.3	31
150	Effect of aging on microstructural development in an Al-Mg-Si alloy processed by high-pressure torsion. <i>Journal of Materials Science</i> , 2012 , 47, 7815-7820	4.3	44
149	INCONEL 718 Single and Multipass Modelling of Hot Forging 2012 , 663-672		7
148	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. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2012 , 43, 4777-4793	2.3	19
147	Evolution of Strength and Homogeneity in a Magnesium AZ31 Alloy Processed by High-Pressure Torsion at Different Temperatures. <i>Advanced Engineering Materials</i> , 2012 , 14, 1018-1026	3.5	65
146	Microstructure Evolution during the Accumulative Roll Bonding Process in Armco Iron. <i>Materials Science Forum</i> , 2012 , 706-709, 1757-1762	0.4	
145	Crystallographic Aspects of Deformation and Recrystallization in ECAP-Processed AA3104 Aluminium Alloy. <i>Solid State Phenomena</i> , 2012 , 186, 98-103	0.4	
144	EBSO study of the microstructure evolution in a commercially pure aluminium severely deformed by ECAP. <i>IOP Conference Series: Materials Science and Engineering</i> , 2012 , 32, 012025	0.4	2
143	Dynamic Recrystallization in Similar 5182 Al/Al and Dissimilar Al/Fe Friction Stir Spot Welds. <i>Materials Science Forum</i> , 2012 , 715-716, 152-157	0.4	1

142	Recrystallization in Ultra-Fine Grain Structures of AA3104 Alloy Processed by ECAP and HPT. <i>Materials Science Forum</i> , 2012 , 715-716, 346-353	0.4	
141	Texture Evolution of Armco Iron during Accumulative Roll Bonding Process. <i>Materials Science Forum</i> , 2011 , 702-703, 177-181	0.4	
140	On the role of crystallographic texture in mitigating hydrogen-induced cracking in pipeline steels. <i>Corrosion Science</i> , 2011 , 53, 4204-4212	6.8	98
139	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. <i>Archives of Metallurgy and Materials</i> , 2011 , 56,		7
138	Evolution of Mechanical and Electrical Properties During Annealing of the Copper Wire Drawn 2011 ,		2
137	Characterization at a local scale of a laser-shock peened aluminum alloy surface. <i>Applied Surface Science</i> , 2011 , 257, 7195-7203	6.7	21
136	Comparison between recrystallization mechanisms in copper and Ti-IF steel after a low amount of deformation. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2011 , 528, 3829-3832	5.3	10
135	Study of Inconel 718 weldability using MIG CMT process. <i>Science and Technology of Welding and Joining</i> , 2011 , 16, 477-482	3.7	25
134	Formation and Development of Strong Cube Recrystallization Texture in an Aluminium of Commercial Purity. <i>Materials Science Forum</i> , 2011 , 702-703, 391-397	0.4	1
133	Microstructure and Texture Evolution of a Cold Rolled Ni-Cr-W Alloy after Annealing. <i>Materials Science Forum</i> , 2011 , 702-703, 352-355	0.4	
132	Generalized Pole Figures and Stored Energy Distribution Function Obtained by X-Ray Diffraction. <i>Materials Science Forum</i> , 2011 , 702-703, 519-522	0.4	2
131	An Investigation of Microtexture Evolution in an AlMgSi Alloy Processed by High-Pressure Torsion. <i>Materials Science Forum</i> , 2011 , 702-703, 165-168	0.4	1
130	Nucleation of Recrystallization in Fine Grained AA3104 Alloy Analyzed by SEM and TEM Orientation Mappings. <i>Materials Science Forum</i> , 2011 , 702-703, 324-327	0.4	1
129	INCONEL 718 Recrystallization in the Delta Supersolvus Domain. <i>Advanced Materials Research</i> , 2011 , 409, 751-756	0.5	6
128	Microstructural Evolution in an Al-6061 Alloy Processed by High-Pressure Torsion and Rapid Annealing. <i>Materials Science Forum</i> , 2010 , 667-669, 223-228	0.4	4
127	Dynamic Recrystallization Modeling during Hot Forging of a Nickel Based Superalloy. <i>Materials Science Forum</i> , 2010 , 638-642, 2321-2326	0.4	9
126	Texture and Microstructure of Invar σ Deformed by Asymmetrical Rolling. <i>Materials Science Forum</i> , 2010 , 636-637, 538-543	0.4	2
125	EBSD Study of Grain Boundary Evolution after Different Cold Rolling Reduction in Duplex Steel. <i>Materials Science Forum</i> , 2010 , 636-637, 504-510	0.4	

124	Effect of Strain Path on Microstructure and Texture Development in ECAP Processed AA3104 Alloy. <i>Solid State Phenomena</i> , 2010 , 160, 265-272	0.4	3
123	Study of Refined Microstructures after Two-Step Heat Treatments by Means of EBSD Technique on ETiAl Alloys. <i>Materials Science Forum</i> , 2010 , 638-642, 1416-1421	0.4	
122	Microstructural Evolution Modelling of Nickel Base Superalloy during Forging. <i>Materials Science Forum</i> , 2010 , 636-637, 624-630	0.4	2
121	A ROLE FOR CULTURAL TRANSMISSION IN FERTILITY TRANSITIONS. <i>Macroeconomic Dynamics</i> , 2010 , 14, 454-481	0.6	25
120	Characterisation of transgranular crack propagation by EBSD in a soft steel. <i>Journal of Physics: Conference Series</i> , 2010 , 240, 012036	0.3	2
119	Deformation textures in wire drawn perlitic steel. <i>International Journal of Material Forming</i> , 2010 , 3, 7-11		18
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