Mark Aindow

List of Publications by Citations

334 papers	6,199 citations	38 h-index	66 g-index
353 ext. papers	6,754 ext. citations	4.1 avg, IF	5.8 L-index

#	Paper	IF	Citations
334	ZnO with Different Morphologies Synthesized by Solvothermal Methods for Enhanced Photocatalytic Activity. *Chemistry of Materials*, **2009**, 21, 2875-2885	9.6	391
333	Synthesis and Catalytic Activity of Cryptomelane-Type Manganese Dioxide Nanomaterials Produced by a Novel Solvent-Free Method. *Chemistry of Materials*, **2005**, 17, 5382-5389	9.6	209
332	Hydrothermal Synthesis of Structure- and Shape-Controlled Manganese Oxide Octahedral Molecular Sieve Nanomaterials. *Advanced Functional Materials*, **2006**, 16, 1247-1253	15.6	195
331	Effect of self-accommodation on Σ3 boundary populations in pure titanium. *Acta Materialia*, **2003**, 51, 2485-2503	8.4	192
330	Hydrothermal Growth of Manganese Dioxide into Three-Dimensional Hierarchical Nanoarchitectures. *Advanced Functional Materials*, **2006**, 16, 549-555	15.6	185
329	Control of Nanometer-Scale Tunnel Sizes of Porous Manganese Oxide Octahedral Molecular Sieve Nanomaterials. *Advanced Materials*, **2005**, 17, 805-809	24	140
328	Pseudo-elastic deformation behavior in a Ti/Mo-based alloy. *Scripta Materialia*, **2004**, 50, 343-348	5.6	107
327	Preparation of Platinum/Carbon Aerogel Nanocomposites Using a Supercritical Deposition Method. *Journal of Physical Chemistry B*, **2004**, 108, 7716-7722	3.4	106
326	Investigation of the supercritical deposition of platinum nanoparticles into carbon aerogels. *Microporous and Mesoporous Materials*, **2005**, 80, 11-23	5.3	102
325	Effects of Alkali Metal and Ammonium Cation Templates on Nanofibrous Cryptomelane-type Manganese Oxide Octahedral Molecular Sieves (OMS-2). *Journal of Physical Chemistry B*, **2003**, 107, 9185-9194	3.4	99
324	Supported Platinum Nanoparticles by Supercritical Deposition. *Industrial & Engineering Chemistry Research*, **2005**, 44, 4161-4164	3.9	97
323	Effect of heat treatments on microstructural evolution of additively manufactured and wrought 17-4PH stainless steel. *Materials and Design*, **2018**, 156, 429-440	8.1	94
322	Behavior of H2 chemisorption on Ru/TiO2 surface and its application in evaluation of Ru particle sizes compared with TEM and XRD analyses. *Applied Catalysis A: General*, **2008**, 335, 187-195	5.1	85
321	Facet-dependent catalytic activity of MnO electrocatalysts for oxygen reduction and oxygen evolution reactions. *Chemical Communications*, **2015**, 51, 5951-4	5.8	77
320	Preparation and characterization of ruthenium/carbon aerogel nanocomposites via a supercritical fluid route. *Journal of Physical Chemistry B*, **2005**, 109, 2617-24	3.4	77
319	In situ synthesis of mixed-valent manganese oxide nanocrystals: an in situ synchrotron X-ray diffraction study. *Journal of the American Chemical Society*, **2006**, 128, 4570-1	16.4	77
318	Amine-assisted facetted etching of CdSe nanocrystals. *Journal of the American Chemical Society*, **2005**, 127, 2524-32	16.4	73

317	Effects of low-power plasma treatment on polyethylene surfaces. *Surface and Interface Analysis*, **1995**, 23, 319-327	1.5	72
316	Formation of spinel reaction layers in manganese cobaltite □coated Crofer22 APU for solid oxide fuel cell interconnects. *Journal of Power Sources*, **2013**, 227, 318-326	8.9	68
315	Size Control, Metal Substitution, and Catalytic Application of Cryptomelane Nanomaterials Prepared Using Cross-linking Reagents. *Chemistry of Materials*, **2004**, 16, 276-285	9.6	66
314	Preparation of carbon black supported Pd, Pt and Pd□Pt nanoparticles using supercritical CO2 deposition. *Journal of Supercritical Fluids*, **2009**, 50, 82-90	4.2	65
313	The mechanical properties and the deformation microstructures of the C15 Laves phase Cr2Nb at high temperatures. *Acta Materialia*, **2007**, 55, 1873-1884	8.4	65
312	Interfacial dislocation mechanism for diffusional phase transformations exhibiting martensitic crystallography: formation of TiAl + Ti3Al lamellae. *Acta Materialia*, **2000**, 48, 1047-1053	8.4	62
311	Pt-based electrocatalysts for polymer electrolyte membrane fuel cells prepared by supercritical deposition technique. *Journal of Power Sources*, **2008**, 179, 532-540	8.9	61
310	Grain growth and particle pinning in a model Ni-based superalloy. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2008**, 479, 365-372	5.3	60
309	Selective hydrogenation of CO2 and CO to useful light olefins over octahedral molecular sieve manganese oxide supported iron catalysts. *Applied Catalysis B: Environmental*, **2013**, 132-133, 54-61	21.8	58
308	Dielectric response and tunability of a dielectric-paraelectric composite. *Applied Physics Letters*, **2008**, 93, 102908	3.4	58
307	Decoration of multi-wall carbon nanotubes with platinum nanoparticles using supercritical deposition with thermodynamic control of metal loading. *Scripta Materialia*, **2007**, 56, 101-103	5.6	53
306	Shape Evolution of Single-Crystalline Mn2O3Using a Solvothermal Approach. *Journal of Physical Chemistry C*, **2007**, 111, 14694-14697	3.8	49
305	Synthesis, Characterization, and Catalytic Applications of Manganese Oxide Octahedral Molecular Sieve (OMS) Nanowires with a 2 □3 Tunnel Structure. *Chemistry of Materials*, **2004**, 16, 5327-5335	9.6	49
304	Adsorption of Pt(cod)me2 onto organic aerogels from supercritical solutions for the synthesis of supported platinum nanoparticles. *Journal of Supercritical Fluids*, **2011**, 56, 105-113	4.2	48
303	A study of surface cross-hatch and misfit dislocation structure in In0.15Ga0.85AsGaAs grown by chemical beam epitaxy. *Journal of Crystal Growth*, **1995**, 149, 1-11	1.6	48
302	Non-metallic inclusions in 17-4PH stainless steel parts produced by selective laser melting. *Materials and Design*, **2018**, 140, 153-162	8.1	47
301	Nucleation of stress-induced martensites in a Ti/Mo-based alloy. *Journal of Materials Science*, **2005**, 40, 2833-2836	4.3	46
300	Magnesium Manganese Oxide Nanoribbons:□Synthesis, Characterization, and Catalytic Application. *Journal of Physical Chemistry B*, **2002**, 106, 9761-9768	3.4	46

299	On the role of the pore filling medium in photoluminescence from photochemically etched porous silicon. *Journal of Applied Physics*, **2000**, 88, 2472-2479	2.5	44
298	PtPd/BP2000 electrocatalysts prepared by sequential supercritical carbon dioxide deposition. *International Journal of Hydrogen Energy*, **2010**, 35, 11669-11680	6.7	40
297	Graphene Aerogel Supported Pt Electrocatalysts for Oxygen Reduction Reaction by Supercritical Deposition. *Electrochimica Acta*, **2017**, 250, 174-184	6.7	39
296	Origin of pseudoelastic behavior in Ti□Mo-based alloys. *Applied Physics Letters*, **2005**, 87, 241909	3.4	38
295	Characterization of the Fe-Doped Mixed-Valent Tunnel Structure Manganese Oxide KOMS-2. *Journal of Physical Chemistry C*, **2011**, 115, 21610-21619	3.8	37
294	Phase stability and microstructure in devitrified Al-rich Al□□Ni alloys. *Intermetallics*, **2004**, 12, 349-362	3.5	37
293	Carbon aerogel supported nickel nanoparticles and nanorods using supercritical deposition. *Journal of Supercritical Fluids*, **2012**, 66, 265-273	4.2	36
292	Effects of alloy heat treatment on oxidation kinetics and scale morphology for Crofer 22 APU. *Journal of Power Sources*, **2013**, 241, 756-767	8.9	36
291	Thermodynamic Control of Metal Loading and Composition of Carbon Aerogel Supported Pt□Cu Alloy Nanoparticles by Supercritical Deposition. *Journal of Physical Chemistry C*, **2013**, 117, 6777-6787	3.8	36
290	Identification of Desirable Precursor Properties for Solution Precursor Plasma Spray. *Journal of Thermal Spray Technology*, **2011**, 20, 802-816	2.5	36
289	The effect of recycling on the oxygen distribution in Ti-6Al-4V powder for additive manufacturing. *Materials at High Temperatures*, **2018**, 35, 217-224	1.1	35
288	The structure of ribbon borides in a Ti-44Al-4Nb-4Zr-1B alloy. *Intermetallics*, **2006**, 14, 759-769	3.5	35
287	Dislocation processes during the plastic deformation of □TiAl. *Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties*, **1999**, 79, 1045-1071		35
286	Topographical development and misfit relief in laser-ablated heteroepitaxial YBa2Cu3O7□thin films. *Journal of Crystal Growth*, **1997**, 172, 145-155	1.6	33
285	Microstructures and mechanical properties of Nb□Ti□ alloys. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2008**, 485, 359-366	5.3	33
284	Defect microstructures in epitaxial PbZr0.2Ti0.8O3 films grown on (001) SrTiO3 by pulsed laser deposition. *Journal of Materials Science*, **2006**, 41, 697-707	4.3	33
283	Techniques for microstructural characterization of powder-processed nickel-based superalloys. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing* , **2003**, 360, 390-395	5.3	33
282	Thickness dependence of electronic phase transitions in epitaxial V2O3 films on (0001) LiTaO3. *Applied Physics Letters*, **2008**, 93, 112109	3.4	31

281	Thermodynamic and electrostatic analysis of threading dislocations in epitaxial ferroelectric films. *Applied Physics Letters*, **2006**, 88, 102906	3.4	31
280	Threading dislocation generation in epitaxial (Ba,Sr) TiO3 films grown on (001) LaAlO3 by pulsed laser deposition. *Applied Physics Letters*, **2004**, 84, 1742-1744	3.4	31
279	Hydrogen-assisted stable crack growth in iron-3 wt% silicon steel. *Acta Materialia*, **1996**, 44, 3125-3140	8.4	31
278	Modification of carbon aerogel supports for PEMFC catalysts. *International Journal of Hydrogen Energy*, **2009**, 34, 8992-8997	6.7	30
277	Precipitate orientation relationships and interfacial structures in duplex stainless steel Zeron-100. *Philosophical Magazine*, **2003**, 83, 1867-1887	1.6	30
276	Characterization of the microstructure and phase equilibria calculations for the powder metallurgy superalloy IN100. *Journal of Materials Research*, **2003**, 18, 2653-2663	2.5	30
275	Cold spray deposition of an icosahedral-phase-strengthened aluminum alloy coating. *Surface and Coatings Technology*, **2017**, 324, 57-63	4.4	29
274	Corrosion, oxidation, erosion and performance of Ag/W-based circuit breaker contacts: A review. *Corrosion Science*, **2018**, 135, 12-34	6.8	29
273	Nucleation of the lamellar decomposition in a Ti□4Al□Nb□Zr alloy. *Acta Materialia*, **2004**, 52, 191-197	8.4	29
272	Control of average particle size of carbon aerogel supported platinum nanoparticles by supercritical deposition. *Microporous and Mesoporous Materials*, **2017**, 245, 94-103	5.3	28
271	A Foaming Esterification Sol□el Route for the Synthesis of Magnesia□ttria Nanocomposites. *Journal of the American Ceramic Society*, **2011**, 94, 367-371	3.8	27
270	Nanostructured arrays of semiconducting octahedral molecular sieves by pulsed-laser deposition. *Nature Materials*, **2010**, 9, 54-9	27	27
269	A high-resolution electron microscopy study of steps on lamellar □ interfaces in a low-misfit TiAl-based alloy. *Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties*, **1999**, 79, 2553-2575		27
268	Deformation mechanisms in intermetallic compounds based on Nb3Al. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **1993**, 170, 1-10	5.3	26
267	Regenerative Electroless Etching of Silicon. *Angewandte Chemie - International Edition*, **2017**, 56, 624-627	16.4	25
266	The stoichiometry of metal assisted etching (MAE) of Si in V2O5+HF and HOOH+HF solutions. *Electrochimica Acta*, **2015**, 158, 219-228	6.7	25
265	Mesoscale modeling of jet initiation behavior and microstructural evolution during cold spray single particle impact. *Acta Materialia*, **2020**, 182, 197-206	8.4	25
264	Modified Mesoporous Silica for Efficient Siloxane Capture. *Langmuir*, **2016**, 32, 2369-77	4	24

263	Aerogel□opper nanocomposites prepared using the adsorption of a polyfluorinated complex from supercritical CO2. *Journal of Nanoparticle Research*, **2012**, 14, 1	2.3	24
262	Hydrodesulfurization of model diesel using Pt/Al2O3 catalysts prepared by supercritical deposition. *Catalysis Today*, **2005**, 99, 365-373	5.3	24
261	Incorporation of fluorine ions into hydroxyapatite by a pH cycling method. *Journal of Materials Science: Materials in Medicine*, **2005**, 16, 447-53	4.5	24
260	The origins of growth spirals on laser-ablated YBa2Cu3O7-□thin films. *Philosophical Magazine Letters*, **1994**, 70, 47-53	1	24
259	Geometry and interface structure of island nuclei for GaSb buffer layers grown on (001) GaAs by metalorganic vapour phase epitaxy. *Journal of Crystal Growth*, **1993**, 133, 168-174	1.6	24
258	Effects of Precursor Chemistry on the Structural Characteristics of Y2O3□MgO Nanocomposites Synthesized by a Combined Sol□el/Thermal Decomposition Route. *Journal of the American Ceramic Society*, **2011**, 94, 372-381	3.8	23
257	On epitaxial misorientations. *Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties*, **1991**, 63, 667-694		23
256	Focused ion beam sectioning studies of biomimetic hydroxyapatite coatings on Ti-6Al-4V substrates. *Surface and Coatings Technology*, **2017**, 313, 255-262	4.4	22
255	Influence of electric current on microstructure evolution in Ti/Al and Ti/TiAl3 during spark plasma sintering. *Journal of Alloys and Compounds*, **2015**, 648, 1097-1103	5.7	22
254	Deformation behaviour of the C15 Laves phase Cr2Nb. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **1997**, 233, 44-49	5.3	22
253	Unraveling the Mesoscale Evolution of Microstructure during Supersonic Impact of Aluminum Powder Particles. *Scientific Reports*, **2018**, 8, 10075	4.9	21
252	Mesoporous carbon aerogel supported PtCu bimetallic nanoparticles via supercritical deposition and their dealloying and electrocatalytic behaviour. *Catalysis Today*, **2018**, 310, 166-175	5.3	20
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249	Electrostatically driven dielectric anomaly in mesoscopic ferroelectric□paraelectric bilayers. *Acta Materialia*, **2016**, 105, 68-74	8.4	19
248	The Influence of Oxide Layers on the Initiation of Carbon Deposition on Stainless Steel. *Oxidation of Metals*, **2001**, 56, 231-250	1.6	19
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246	Observation of a metastable B2 phase in rapidly solidified ribbons of Nb?Al alloys. *Scripta Metallurgica Et Materialia*, **1993**, 29, 1271-1274		19

245	Concerning the dissociation of grown-in dislocations in melt spun ribbons of the intermetallic compound Nb3Al. *Philosophical Magazine Letters*, **1991**, 64, 59-65	1	19
244	Structure and mechanical properties in a powder-processed icosahedral-phase-strengthened aluminum alloy. *Scripta Materialia*, **2016**, 123, 51-54	5.6	19
243	High-pressure torsion-induced phase transformations and grain refinement in Al/Ti composites. *Journal of Materials Science*, **2017**, 52, 12170-12184	4.3	18
242	Electrochemical performance of fuel cell catalysts prepared by supercritical deposition: Effect of different precursor conversion routes. *Journal of Supercritical Fluids*, **2015**, 97, 154-164	4.2	18
241	Constitutive modeling of high temperature flow behavior in a Ti-45Al-8Nb-2Cr-2Mn-0.2Y alloy. *Scientific Reports*, **2018**, 8, 5453	4.9	18
240	Phase stability in a powder-processed Al□Mn□e alloy. *Journal of Materials Science*, **2014**, 49, 3742-3754	4.3	18
239	STRONG DEGRADATION OF PHYSICAL PROPERTIES AND FORMATION OF A DEAD LAYER IN FERROELECTRIC FILMS DUE TO INTERFACIAL DISLOCATIONS. *Integrated Ferroelectrics*, **2005**, 71, 67-80	0.8	18
238	Comparison of virgin Ti-6Al-4V powders for additive manufacturing. *Additive Manufacturing*, **2018**, 21, 544-555	6.1	17
237	A Sucrose-Mediated Sol□el Technique for the Synthesis of MgO□2O3 Nanocomposites. *Journal of the American Ceramic Society*, **2013**, 96, 346-350	3.8	17
236	Band-Edge Photoluminescence Recovery from Zinc-Blende CdSe Nanocrystals Synthesized at Room Temperature. *Advanced Functional Materials*, **2006**, 16, 345-350	15.6	17
235	Effects of Zn coating on the microstructure and magnetic properties of Nd□eB magnets. *Journal of Alloys and Compounds*, **2003**, 351, 299-303	5.7	17
234	Microstructural effects of the reduction step in reactive consolidation of manganese cobaltite coatings on Crofer 22 APU. *Materials at High Temperatures*, **2015**, 32, 142-147	1.1	16
233	Focused Ion Beam Preparation of Specimens for Micro-Electro-Mechanical System-based Transmission Electron Microscopy Heating Experiments. *Microscopy and Microanalysis*, **2017**, 23, 708-716	0.5	16
232	Phase Homogeneity in Y2O3□MgO Nanocomposites Synthesized by Thermal Decomposition of Nitrate Precursors with Ammonium Acetate Additions. *Journal of the American Ceramic Society*, **2011**, 94, 4207-4217	3.8	16
231	Stability and work function of TiCxN1□ alloy surfaces: Density functional theory calculations. *Physical Review B*, **2009**, 80,	3.3	16
230	Heteroepitaxial growth of nanoscale oxide shell/fiber superstructures by mild hydrothermal processes. *Small*, **2010**, 6, 988-92	11	16
229	VULCAN-SUPPORTED Pt ELECTROCATALYSTS FOR PEMFCs PREPARED USING SUPERCRITICAL CARBON DIOXIDE DEPOSITION. *Chemical Engineering Communications*, **2008**, 196, 194-203	2.2	16
228	The influence of substrate surface preparation on the microstructure of CdTe grown on (001) GaAs by metalorganic chemical vapour deposition. *Journal of Crystal Growth*, **1994**, 135, 409-422	1.6	16

227	On the influence of stoichiometry and purity on the deformation mechanisms in the intermetallic compound TiAl. *Scripta Metallurgica Et Materialia*, **1990**, 24, 1105-1108		16
226	Phase Homogeneity in MgO–ZrO2 Nanocomposites Synthesized by a Combined Sol–Gel/Thermal Decomposition Route. *Journal of the American Ceramic Society*, **2010**, 93, 3102-3109	3.8	15
225	Transformation of La0.65Sr0.35MnO3 in electrochemical water oxidation. *International Journal of Hydrogen Energy*, **2017**, 42, 8560-8568	6.7	14
224	The effect of Mn1.5Co1.5O4 coatings on the development of near surface microstructure for Haynes 230 oxidized at 800°C in air. *Surface and Coatings Technology*, **2014**, 242, 109-117	4.4	14
223	A transmission electron microscope study of microstructural development in magnetron-sputtered MoSi2 thin films. *Intermetallics*, **2002**, 10, 829-839	3.5	14
222	Formation and microstructural development of TiSi2 in (111)Si by Ti ion implantation and annealing at 950 °C. *Journal of Materials Research*, **1995**, 10, 891-899	2.5	14
221	Dislocation Motion in TiAl Studied by in situ Straining Experiments in the Hvem. *Materials Research Society Symposia Proceedings*, **1994**, 364, 47		14
220	Crystallographically Determined Etching and Its Relevance to the Metal-Assisted Catalytic Etching (MACE) of Silicon Powders. *Frontiers in Chemistry*, **2018**, 6, 651	5	13
219	Effect of heat-treatment on the microstructure and hardness of a devitrified Al85.0Y3.0Gd5.0Ni1.0Fe1.0Co alloy. *Scripta Materialia*, **2004**, 51, 485-489	5.6	13
218	Stacking-fault energy in the C15 Laves phase Cr2Nb. *Philosophical Magazine Letters*, **1996**, 74, 129-136	1	13
217	A Comparative Study of the Nanocrystalline Material Produced by Sliding Wear and Inert Gas Condensation. *Materials Research Society Symposia Proceedings*, **1990**, 206, 593		13
216	Salt fog corrosion behavior in a powder-processed icosahedral-phase-strengthened aluminum alloy. *Corrosion Science*, **2017**, 121, 133-138	6.8	12
215	Microstructure and preparation of an ultra-fine-grained W-Al 2 O 3 composite via hydrothermal synthesis and spark plasma sintering. *International Journal of Refractory Metals and Hard Materials*, **2018**, 72, 149-156	4.1	12
214	Development of quasicrystal morphology in gas-atomized icosahedral-phase-strengthened aluminum alloy powders. *Materials and Design*, **2019**, 182, 108094	8.1	12
213	Base metal alloys with self-healing native conductive oxides for electrical contact materials. *Applied Physics Letters*, **2010**, 97, 152103	3.4	12
212	Nanoscale carbide precipitation in the recast layer of a percussion laser-drilled superalloy. *Scripta Materialia*, **2009**, 61, 943-946	5.6	12
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210	Microstructure and mechanical behaviour of Nb–Al–V alloys with 10–15 at.% Al and 20–40 at.% V—I microstructural observations. *Intermetallics*, **2002**, 10, 1-12	3.5	12

209	The Stability of B2 Compounds in Ti-Modified Nb-Al Alloys. *Materials Research Society Symposia Proceedings*, **1992**, 288, 243		12
208	Hexagonal crystallography and interphase boundary dislocations. *Scripta Metallurgica*, **1987**, 21, 971-974		12
207	Highly Active Carbon Supported PtCu Electrocatalysts for PEMFCs by in situ Supercritical Deposition Coupled with Electrochemical Dealloying. *Fuel Cells*, **2020**, 20, 285-299	2.9	12
206	Eutectic microstructures in dilute Al-Ce and Al-Co alloys. *Materials Characterization*, **2019**, 154, 269-276	3.9	11
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201	Polymorphism in the Laves-phase precipitates of a quinternary Nb–Mo–Cr–Al–Si alloy. *Scripta Materialia*, **2009**, 60, 72-75	5.6	10
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194	On the self-pinning character of synchro-Shockley dislocations in a Laves phase during strain rate cyclical compressions. *Scripta Materialia*, **2008**, 59, 788-791	5.6	9
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191	Annealing twins in dilute Al[sbnd]Mn[sbnd]Si alloys. *Philosophical Magazine Letters*, **1995**, 72, 193-198	1	9
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188	Thermally activated structural transformations in manganese oxide nanoparticles under air and argon atmospheres. *Journal of Materials Science*, **2020**, 55, 7247-7258	4.3	8
187	Characterization of microstructural effects in a percussion laser-drilled powder metallurgy Ni-based superalloy. *Journal of Materials Science*, **2009**, 44, 680-684	4.3	8
186	Cation ordering in epitaxial lead zirconate titanate films. *Applied Physics Letters*, **2008**, 93, 262903	3.4	8
185	The structure of ternary compounds in a devitrified Al-rich AlNiCd alloy. *Intermetallics*, **2005**, 13, 741-748	3.5	8
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183	Oxygen-stabilised partial amorphisation in a Zr50Cu50 alloy. *Journal of Materials Science*, **2002**, 37, 745-751	4.3	8
182	Zn diffusion induced precipitation along grain boundaries in Zn-coated NdFeB magnets. *Journal of Magnetism and Magnetic Materials*, **2003**, 261, 13-20	2.8	8
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178	In situ electrochemical scanning probe microscopy corrosion studies on duplex stainless steel in aqueous NaCl solutions. *Corrosion Engineering Science and Technology*, **1996**, 31, 139-146		8
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172	Studies of thermally activated processes in gas-atomized Al alloy powders: in situ STEM heating experiments on FIB-cut cross sections. *Journal of Materials Science*, **2019**, 54, 9921-9932	4.3	7
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