

# Yunzhi Wang

## List of Publications by Year in descending order

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163  
papers

7,233  
citations

44042

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169  
docs citations

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times ranked

3968  
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#	ARTICLE	IF	CITATIONS
1	A new $\hat{\pm}\hat{\text{A}}+\hat{\text{A}}^2$ Ti-alloy with refined microstructures and enhanced mechanical properties in the as-cast state. <i>Scripta Materialia</i> , 2022, 207, 114260.	2.6	31
2	Role of point defects in the formation of relaxor ferroelectrics. <i>Acta Materialia</i> , 2022, 225, 117558.	3.8	20
3	Reentrant strain glass transition in Ti-Ni-Cu shape memory alloy. <i>Acta Materialia</i> , 2022, 226, 117618.	3.8	14
4	Quasi-Linear Superelasticity with Ultralow Modulus in Tensile Cyclic Deformed TiNi Strain Glass. <i>Advanced Engineering Materials</i> , 2022, 24, .	1.6	3
5	Pathways to Titanium Martensite. <i>Transactions of the Indian Institute of Metals</i> , 2022, 75, 1051-1068.	0.7	3
6	Strain Glass State, Strain Glass Transition, and Controlled Strain Release. <i>Annual Review of Materials Research</i> , 2022, 52, 159-187.	4.3	10
7	Strain states and unique properties in cold-rolled TiNi shape memory alloys. <i>Acta Materialia</i> , 2022, 231, 117890.	3.8	24
8	Exploration of spinodal decomposition in multi-principal element alloys (MPEAs) using CALPHAD modeling. <i>Scripta Materialia</i> , 2022, 214, 114657.	2.6	10
9	Solid solution strengthening of high-entropy alloys from first-principles study. <i>Journal of Materials Science and Technology</i> , 2022, 121, 105-116.	5.6	15
10	Existence of a quadruple point in a binary ferroelectric phase diagram. <i>Physical Review B</i> , 2021, 103, .	1.1	8
11	H-phase precipitation and its effects on martensitic transformation in NiTi-Hf high-temperature shape memory alloys. <i>Acta Materialia</i> , 2021, 208, 116651.	3.8	24
12	Influence of Ni <sub>4</sub> Ti <sub>3</sub> precipitation on martensitic transformations in NiTi shape memory alloy: R phase transformation. <i>Acta Materialia</i> , 2021, 207, 116665.	3.8	40
13	Microstructure development and morphological transition during deposition of immiscible alloy films. <i>Acta Materialia</i> , 2021, 220, 117313.	3.8	10
14	Shearing mechanisms of co-precipitates in IN718. <i>Acta Materialia</i> , 2021, 220, 117305.	3.8	13
15	A general phase-field framework for predicting the structures and micromechanical properties of crystalline defects. <i>Materials and Design</i> , 2021, 209, 109959.	3.3	2
16	Phase field simulation of the stress-induced $\hat{\pm}$ microstructure in Ti $\hat{\text{e}}\hat{\text{G}}\hat{\text{A}}\hat{\text{e}}\hat{\text{4V}}$ alloy and its CPFEM properties evaluation. <i>Journal of Materials Science and Technology</i> , 2021, 90, 168-182.	5.6	19
17	Achieving large super-elasticity through changing relative easiness of deformation modes in Ti-Nb-Mo alloy by ultra-grain refinement. <i>Materials Research Letters</i> , 2021, 9, 223-230.	4.1	11
18	Harmonic Noise-Elimination Method Based on the Synchroextracting Transform for Magnetic-Resonance Sounding Data. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-11.	2.4	8

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19	Stress-dependent dislocation core structures leading to non-Schmid behavior. <i>Materials Research Letters</i> , 2021, 9, 134-140.	4.1	9
20	High temperature phase stability of the compositionally complex alloy AlMo <sub>0.5</sub> NbTa <sub>0.5</sub> TiZr. <i>Applied Physics Letters</i> , 2021, 119, .	1.5	14
21	In situ design of advanced titanium alloy with concentration modulations by additive manufacturing. <i>Science</i> , 2021, 374, 478-482.	6.0	168
22	Phase-field modelling of transformation pathways and microstructural evolution in multi-principal element alloys. <i>Applied Physics Letters</i> , 2021, 119, .	1.5	17
23	Creep Behavior of Compact $\beta$ - $\beta$ Coprecipitation Strengthened IN718-Variant Superalloy. <i>Metals</i> , 2021, 11, 1897.	1.0	3
24	Medium-range ordering, structural heterogeneity, and their influence on properties of Zr-Cu-Co-Al metallic glasses. <i>Physical Review Materials</i> , 2021, 5, .	0.9	8
25	Generalized stacking fault energy surface mismatch and dislocation transformation. <i>Npj Computational Materials</i> , 2021, 7, .	3.5	6
26	The role of nano-scaled structural non-uniformities on deformation twinning and stress-induced transformation in a cold rolled multifunctional $\beta$ -titanium alloy. <i>Scripta Materialia</i> , 2020, 177, 181-185.	2.6	45
27	Shuffle-nanodomain regulated strain glass transition in Ti-24Nb-4Zr-8Sn alloy. <i>Acta Materialia</i> , 2020, 186, 415-424.	3.8	52
28	Linear-superelastic metals by controlled strain release via nanoscale concentration-gradient engineering. <i>Materials Today</i> , 2020, 33, 17-23.	8.3	33
29	Generalized Stacking Fault Energy of Al-Doped CrMnFeCoNi High-Entropy Alloy. <i>Nanomaterials</i> , 2020, 10, 59.	1.9	37
30	Intrinsic coupling between twinning plasticity and transformation plasticity in metastable $\beta$ Ti-alloys: A symmetry and pathway analysis. <i>Acta Materialia</i> , 2020, 196, 488-504.	3.8	24
31	Polarization Spinodal at Ferroelectric Morphotropic Phase Boundary. <i>Physical Review Letters</i> , 2020, 125, 127602.	2.9	14
32	Critical nuclei at hetero-phase interfaces. <i>Acta Materialia</i> , 2020, 200, 510-525.	3.8	11
33	Revealing the atomistic mechanisms of strain glass transition in ferroelastics. <i>Acta Materialia</i> , 2020, 194, 134-143.	3.8	14
34	Determination of twinning path from broken symmetry: A revisit to deformation twinning in bcc metals. <i>Acta Materialia</i> , 2020, 196, 280-294.	3.8	23
35	Novel transformation pathway and heterogeneous precipitate microstructure in Ti-alloys. <i>Acta Materialia</i> , 2020, 196, 409-417.	3.8	35
36	Phase Transformation Graph and Transformation Pathway Engineering for Shape Memory Alloys. <i>Shape Memory and Superelasticity</i> , 2020, 6, 115-130.	1.1	7



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55	Form of critical nuclei at homo-phase boundaries. Scripta Materialia, 2018, 146, 276-280.	2.6	12
56	Enabling Large Superalloy Parts Using Compact Coprecipitation of $\text{Ti}_3\text{Al}_2$ and $\text{Ti}_3\text{Al}_2\text{Al}_2$ . Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2018, 49, 708-717.	1.1	53
57	Microstructural and micromechanical evolution during dynamic recrystallization. International Journal of Plasticity, 2018, 100, 52-68.	4.1	66
58	Probing Nanoscale Structural Heterogeneity in Metallic Glasses Using 4-D STEM. Microscopy and Microanalysis, 2018, 24, 202-203.	0.2	1
59	Phase Field Model and Computer Simulation of Strain Glasses. Springer Series in Materials Science, 2018, , 253-272.	0.4	0
60	Direct determination of structural heterogeneity in metallic glasses using four-dimensional scanning transmission electron microscopy. Ultramicroscopy, 2018, 195, 189-193.	0.8	44
61	Shearing of $\text{Ti}_3\text{Al}$ particles in Co-base and Co-Ni-base superalloys. Acta Materialia, 2018, 161, 99-109.	3.8	45
62	Heterogeneous $\text{Ti}_3\text{Al}$ microstructures in nickel-base superalloys and their influence on tensile and creep performance. International Journal of Plasticity, 2018, 109, 153-168.	4.1	12
63	A homogenized primary creep model of nickel-base superalloys and its application to determining micro-mechanistic characteristics. International Journal of Plasticity, 2018, 110, 202-219.	4.1	15
64	Phase Formation in Ti-Ni Binary System during Solid-State Synthesis. Shape Memory and Superelasticity, 2018, 4, 351-359.	1.1	4
65	Three-dimensional phase field simulation of intragranular void formation and thermal conductivity in irradiated $\text{Fe}$ . Journal of Materials Science, 2018, 53, 11002-11014.	1.7	15
66	Cubic martensite in high carbon steel. Physical Review Materials, 2018, 2, .	0.9	4
67	Self-organized multigrain patterning with special grain boundaries produced by phase transformation cycling. Physical Review Materials, 2018, 2, .	0.9	13
68	Hidden pathway during fcc to bcc/bct transformations: Crystallographic origin of slip martensite in steels. Physical Review Materials, 2018, 2, .	0.9	7
69	Giant strain with low hysteresis in A-site-deficient $(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3$ -based lead-free piezoceramics. Acta Materialia, 2017, 128, 337-344.	3.8	222
70	A universal symmetry criterion for the design of high performance ferroic materials. Acta Materialia, 2017, 127, 438-449.	3.8	42
71	Monte Carlo simulation of magnetic domain structure and magnetic properties near the morphotropic phase boundary. Physical Chemistry Chemical Physics, 2017, 19, 7236-7244.	1.3	5
72	Influence of nanoscale structural heterogeneity on shear banding in metallic glasses. Acta Materialia, 2017, 134, 104-115.	3.8	42

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73	Taming martensitic transformation via concentration modulation at nanoscale. <i>Acta Materialia</i> , 2017, 130, 196-207.	3.8	52
74	Mechanical behavior and microstructural analysis of NiTi-40Au shape memory alloys exhibiting work output above 400°C. <i>Intermetallics</i> , 2017, 86, 33-44.	1.8	27
75	Ferroc glasses. <i>Npj Computational Materials</i> , 2017, 3, .	3.5	27
76	Origin of the modulus anomaly over a wide temperature range of Mn <sub>0.70</sub> Fe <sub>0.25</sub> Cu <sub>0.05</sub> alloy. <i>Computational Materials Science</i> , 2017, 140, 89-94.	1.4	3
77	Large electrocaloric efficiency over a broad temperature span in lead-free BaTiO <sub>3</sub> -based ceramics near room temperature. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	27
78	Effect of nonlinear and noncollinear transformation strain pathways in phase-field modeling of nucleation and growth during martensite transformation. <i>Npj Computational Materials</i> , 2017, 3, .	3.5	13
79	Crystallographic analysis and phase field simulation of transformation plasticity in a multifunctional $\beta$ -Ti alloy. <i>International Journal of Plasticity</i> , 2017, 89, 110-129.	4.1	31
80	Simulation Study of Heterogeneous Nucleation at Grain Boundaries During the Austenite-Ferrite Phase Transformation: Comparing the Classical Model with the Multi-Phase Field Nudged Elastic Band Method. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2017, 48, 2730-2738.	1.1	18
81	Novel B <sub>19</sub> strain glass with large recoverable strain. <i>Physical Review Materials</i> , 2017, 1, .	0.9	20
82	New Insights into Deformation of Metallic Glasses by Combining Mesoscale Simulation and Fluctuation Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2016, 22, 1436-1437.	0.2	1
83	Accelerating ferroic ageing dynamics upon cooling. <i>NPG Asia Materials</i> , 2016, 8, e319-e319.	3.8	7
84	Novel Characterization of Deformation Mechanisms in a Ni-base Superalloy Using HAADF Imaging and Atomic Ordering Analysis. <i>Microscopy and Microanalysis</i> , 2016, 22, 272-273.	0.2	2
85	Quantification of rafting of $\beta$ precipitates in Ni-based superalloys. <i>Acta Materialia</i> , 2016, 103, 322-333.	3.8	46
86	Defect strength and strain glass state in ferroelastic systems. <i>Journal of Alloys and Compounds</i> , 2016, 661, 100-109.	2.8	31
87	Effect of low-angle grain boundaries on morphology and variant selection of grain boundary allotriomorphs and Widmanstätten side-plates. <i>Acta Materialia</i> , 2016, 112, 347-360.	3.8	47
88	Deformation mechanisms of D022 ordered intermetallic phase in superalloys. <i>Acta Materialia</i> , 2016, 118, 350-361.	3.8	41
89	Effect of autocatalysis on variant selection of $\beta$ precipitates during phase transformation in Ti-6Al-4V alloy. <i>Computational Materials Science</i> , 2016, 124, 282-289.	1.4	33
90	An integrated full-field model of concurrent plastic deformation and microstructure evolution: Application to 3D simulation of dynamic recrystallization in polycrystalline copper. <i>International Journal of Plasticity</i> , 2016, 80, 38-55.	4.1	89

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91	On variant distribution and coarsening behavior of the $\beta$ phase in a metastable $\beta$ titanium alloy. Acta Materialia, 2016, 106, 374-387.	3.8	98
92	Group theory description of transformation pathway degeneracy in structural phase transformations. Acta Materialia, 2016, 109, 353-363.	3.8	49
93	Role of $\beta$ phase in the formation of extremely refined intragranular $\beta$ precipitates in metastable $\beta$ -titanium alloys. Acta Materialia, 2016, 103, 850-858.	3.8	201
94	The indirect influence of the $\beta$ phase on the degree of refinement of distributions of the $\beta$ phase in metastable $\beta$ -Titanium alloys. Acta Materialia, 2016, 103, 165-173.	3.8	111
95	The role of the $\beta$ phase on the non-classical precipitation of the $\beta$ phase in metastable $\beta$ -titanium alloys. Scripta Materialia, 2016, 111, 81-84.	2.6	93
96	Modeling and Simulation of Microstructure Evolution during Heat Treatment of Titanium Alloys. , 2016, , 573-603.		3
97	A new mechanism for low and temperature-independent elastic modulus. Scientific Reports, 2015, 5, 11477.	1.6	33
98	A biopolymer-like metal enabled hybrid material with exceptional mechanical prowess. Scientific Reports, 2015, 5, 8357.	1.6	23
99	Effect of external stress on $\beta$ nucleation and evolution in TiAl alloys. Intermetallics, 2015, 65, 1-9.	1.8	11
100	Quantifying the abnormal strain state in ferroelastic materials: A moment invariant approach. Acta Materialia, 2015, 94, 172-180.	3.8	8
101	Microstructure and transformation texture evolution during $\beta$ precipitation in polycrystalline $\beta/\beta'$ titanium alloys – A simulation study. Acta Materialia, 2015, 94, 224-243.	3.8	41
102	Phase-Field Simulation of Orowan Strengthening by Coherent Precipitate Plates in an Aluminum Alloy. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2015, 46, 3287-3301.	1.1	41
103	Phase Field Simulation of Orowan Strengthening by Coherent Precipitate Plates in a Mg-Nd Alloy. , 2015, , 63-71.		3
104	Pattern formation during cubic to orthorhombic martensitic transformations in shape memory alloys. Acta Materialia, 2014, 68, 93-105.	3.8	42
105	Superelasticity of slim hysteresis over a wide temperature range by nanodomains of martensite. Acta Materialia, 2014, 66, 349-359.	3.8	81
106	Extended defects, ideal strength and actual strengths of finite-sized metallic glasses. Acta Materialia, 2014, 73, 149-166.	3.8	31
107	High-energy X-ray diffuse scattering studies on deformation-induced spatially confined martensitic transformations in multifunctional Ti-24Nb-4Zr-8Sn alloy. Acta Materialia, 2014, 81, 476-486.	3.8	29
108	Integrated Computational Materials Engineering (ICME) Approach to Design of Novel Microstructures for Ti-Alloys. Jom, 2014, 66, 1287-1298.	0.9	27

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109	A simulation study of $\hat{\Gamma}^2$ precipitation on dislocations in an Mg-rare earth alloy. Acta Materialia, 2014, 77, 133-150.	3.8	60
110	Predicting structure and energy of dislocations and grain boundaries. Acta Materialia, 2014, 74, 125-131.	3.8	54
111	Variant selection of grain boundary $\hat{\Gamma}_1$ by special prior $\hat{\Gamma}^2$ grain boundaries in titanium alloys. Acta Materialia, 2014, 75, 156-166.	3.8	142
112	Strain glass transition in a multifunctional $\hat{\Gamma}^2$ -type Ti alloy. Scientific Reports, 2014, 4, 3995.	1.6	76
113	Unique properties associated with normal martensitic transition and strain glass transition – A simulation study. Journal of Alloys and Compounds, 2013, 577, S102-S106.	2.8	4
114	Variant selection during $\hat{\Gamma}_1$ precipitation in Ti-6Al-4V under the influence of local stress – A simulation study. Acta Materialia, 2013, 61, 6006-6024.	3.8	129
115	Heterogeneously randomized STZ model of metallic glasses: Softening and extreme value statistics during deformation. International Journal of Plasticity, 2013, 40, 1-22.	4.1	78
116	Formation mechanisms of self-organized core/shell and core/shell/corona microstructures in liquid droplets of immiscible alloys. Acta Materialia, 2013, 61, 1229-1243.	3.8	122
117	Numerical simulation of irradiation hardening in Zirconium. Journal of Nuclear Materials, 2013, 438, 209-217.	1.3	18
118	New intrinsic mechanism on gum-like superelasticity of multifunctional alloys. Scientific Reports, 2013, 3, 2156.	1.6	57
119	3D PHASE FIELD SIMULATION OF EFFECT OF INTERFACIAL ENERGY ANISOTROPY ON SIDEPLATE GROWTH IN Ti-6Al-4V. Jinshu Xuebao/Acta Metallurgica Sinica, 2013, 48, 148-158.	0.3	5
120	Finding activation pathway of coupled displacive-diffusional defect processes in atomistics: Dislocation climb in fcc copper. Physical Review B, 2012, 86, .	1.1	25
121	Microstructure Map for Self-Organized Phase Separation during Film Deposition. Physical Review Letters, 2012, 109, 086101.	2.9	49
122	Phase diagram of polar states in doped ferroelectric systems. Physical Review B, 2012, 86, .	1.1	52
123	Simulation study of precipitation in an Mg-Y-Nd alloy. Acta Materialia, 2012, 60, 4819-4832.	3.8	84
124	Quantifying microstructures in isotropic grain growth from phase field modeling: Methods. Acta Materialia, 2012, 60, 4787-4799.	3.8	10
125	Phase-field simulation of twin boundary fractions in fully lamellar TiAl alloys. Acta Materialia, 2012, 60, 6372-6381.	3.8	28
126	P-phase precipitation and its effect on martensitic transformation in (Ni,Pt)Ti shape memory alloys. Acta Materialia, 2012, 60, 1514-1527.	3.8	50



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127	Coupling Microstructure Characterization with Microstructure Evolution. , 2011, , 151-197.		0
128	Diffusive molecular dynamics and its application to nanoindentation and sintering. Physical Review B, 2011, 84, .	1.1	67
129	Modeling displaciveâ€“diffusional coupled dislocation shearing of $\gamma$ precipitates in Ni-base superalloys. Acta Materialia, 2011, 59, 3484-3497.	3.8	57
130	Strain glass in Fe-doped Tiâ€“Ni. Acta Materialia, 2010, 58, 6206-6215.	3.8	152
131	Effect of Ni <sub>4</sub> Ti <sub>3</sub> precipitation on martensitic transformation in Tiâ€“Ni. Acta Materialia, 2010, 58, 6685-6694.	3.8	140
132	Phase field modeling of defects and deformation. Acta Materialia, 2010, 58, 1212-1235.	3.8	365
133	Modeling Abnormal Strain States in Ferroelastic Systems: The Role of Point Defects. Physical Review Letters, 2010, 105, 205702.	2.9	128
134	Large-scale three-dimensional phase field simulation of $\gamma$ rafting and creep deformation. Philosophical Magazine, 2010, 90, 405-436.	0.7	98
135	Phase-Field Microstructure Modeling. , 2009, , 297-311.		5
136	Phase Field Modeling of Microstructural Evolution in Solids: Effect of Coupling among Different Extended Defects. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2008, 39, 1630-1637.	1.1	8
137	Finding Critical Nucleus in Solid-State Transformations. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2008, 39, 976-983.	1.1	46
138	Systematic Approach to Microstructure Design of Ni-Base Alloys Using Classical Nucleation and Growth Relations Coupled with Phase Field Modeling. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2008, 39, 984-993.	1.1	12
139	Effect of elastic interaction on nucleation: II. Implementation of strain energy of nucleus formation in the phase field method. Acta Materialia, 2007, 55, 1457-1466.	3.8	89
140	Phase field modeling of channel dislocation activity and $\gamma$ rafting in single crystal Niâ€“Al. Acta Materialia, 2007, 55, 5369-5381.	3.8	88
141	Effect of elastic interaction on nucleation: I. Calculation of the strain energy of nucleus formation in an elastically anisotropic crystal of arbitrary microstructure. Acta Materialia, 2006, 54, 5617-5630.	3.8	67
142	Multi-scale phase field approach to martensitic transformations. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 438-440, 55-63.	2.6	69
143	Implementation of high interfacial energy anisotropy in phase field simulations. Scripta Materialia, 2006, 54, 1919-1924.	2.6	25
144	Quantitative phase field modeling of diffusion-controlled precipitate growth and dissolution in Tiâ€“Alâ€“V. Scripta Materialia, 2004, 50, 471-476.	2.6	153

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145	Incorporation of $\hat{\Gamma}^3$ -surface to phase field model of dislocations: simulating dislocation dissociation in fcc crystals. Acta Materialia, 2004, 52, 683-691.	3.8	142
146	Movement of Kirkendall markers, second phase particles and the Type 0 boundary in two-phase diffusion couple simulations. Acta Materialia, 2004, 52, 1917-1925.	3.8	27
147	Solute segregation transition and drag force on grain boundaries. Acta Materialia, 2003, 51, 3687-3700.	3.8	57
148	Phase field model of dislocation networks. Acta Materialia, 2003, 51, 2595-2610.	3.8	127
149	Modeling Dislocation Dissociation and Cutting of $\hat{\Gamma}^3$ Precipitates in Ni-Based Superalloys by the Phase Field Method. Materials Research Society Symposia Proceedings, 2002, 753, 1.	0.1	3
150	Grain growth in anisotropic systems: comparison of effects of energy and mobility. Acta Materialia, 2002, 50, 2491-2502.	3.8	161
151	A phase field study of microstructural changes due to the Kirkendall effect in two-phase diffusion couples. Acta Materialia, 2001, 49, 3401-3408.	3.8	63
152	Simulating Microstructural Evolution and Electrical Transport in Ceramic Gas Sensors. Journal of the American Ceramic Society, 2000, 83, 2219-2226.	1.9	39
153	Numerical Calculation of Electrical Conductivity of Porous Electroceramics. , 1999, 3, 17-23.		10
154	Indirect nucleation in phase transformations with symmetry reduction. Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 1996, 74, 1407-1420.	0.7	7
155	Modeling of Dynamical Evolution of Micro/Mesosopic Morphological Patterns in Coherent Phase Transformations. , 1996, , 325-371.		16
156	Microstructural Development of Coherent Tetragonal Precipitates in Magnesium-Partially-Stabilized Zirconia: A Computer Simulation. Journal of the American Ceramic Society, 1995, 78, 657-661.	1.9	86
157	Microstructural evolution during the precipitation of ordered intermetallics in multiparticle coherent systems. Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 1995, 72, 1161-1171.	0.7	29
158	Shape Evolution of a Coherent Tetragonal Precipitate in Partially Stabilized Cubic ZrO <sub>2</sub> : A Computer Simulation. Journal of the American Ceramic Society, 1993, 76, 3029-3033.	1.9	57
159	Particle translational motion and reverse coarsening phenomena in multiparticle systems induced by a long-range elastic interaction. Physical Review B, 1992, 46, 11194-11197.	1.1	41
160	Kinetics of tweed and twin formation during an ordering transition in a substitutional solid solution. Philosophical Magazine Letters, 1992, 65, 15-23.	0.5	93
161	Shape evolution of a precipitate during strain-induced coarsening. Scripta Metallurgica Et Materialia, 1991, 25, 1387-1392.	1.0	74
162	Transformation-induced elastic strain effect on the precipitation kinetics of ordered intermetallics. Philosophical Magazine Letters, 1991, 64, 241-251.	0.5	62

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163	$\alpha$ phase growth and branching in titanium alloys. Philosophical Magazine, 0, , 1-24.	0.7	1