

Gennady A Salishchev

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ext. citations

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L-index

#	Paper	IF	Citations
137	Effect of Mn and V on structure and mechanical properties of high-entropy alloys based on CoCrFeNi system. <i>Journal of Alloys and Compounds</i> , 2014 , 591, 11-21	5.7	324
136	Spheroidization of the lamellar microstructure in Ti ₆ Al ₄ V alloy during warm deformation and annealing. <i>Acta Materialia</i> , 2011 , 59, 4138-4150	8.4	280
135	Effect of cryo-deformation on structure and properties of CoCrFeNiMn high-entropy alloy. <i>Intermetallics</i> , 2015 , 59, 8-17	3.5	259
134	Effect of V content on microstructure and mechanical properties of the CoCrFeMnNiV _x high entropy alloys. <i>Journal of Alloys and Compounds</i> , 2015 , 628, 170-185	5.7	223
133	Tensile properties of an AlCrCuNiFeCo high-entropy alloy in as-cast and wrought conditions. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2012 , 533, 107-118	5.3	216
132	Structure and mechanical properties of a light-weight AlNbTiV high entropy alloy. <i>Materials Letters</i> , 2015 , 142, 153-155	3.3	190
131	Production of submicrocrystalline structure in large-scale Ti ₆ Al ₄ V billet by warm severe deformation processing. <i>Scripta Materialia</i> , 2004 , 51, 1147-1151	5.6	179
130	Microstructure evolution during warm working of Ti ₆ Al ₄ V with a colony- β microstructure. <i>Acta Materialia</i> , 2009 , 57, 2470-2481	8.4	167
129	High temperature deformation behavior and dynamic recrystallization in CoCrFeNiMn high entropy alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015 , 636, 188-195	5.3	156
128	Structure and mechanical properties of the AlCr _x NbTiV ($x = 0, 0.5, 1, 1.5$) high entropy alloys. <i>Journal of Alloys and Compounds</i> , 2015 , 652, 266-280	5.7	134
127	Formation of nanostructures in commercial-purity titanium via cryorolling. <i>Acta Materialia</i> , 2013 , 61, 1167-1178	8.4	130
126	Formation of submicrocrystalline structure in the titanium alloy VT8 and its influence on mechanical properties. <i>Journal of Materials Science</i> , 1993 , 28, 2898-2902	4.3	124
125	Effect of thermomechanical processing on microstructure and mechanical properties of the carbon-containing CoCrFeNiMn high entropy alloy. <i>Journal of Alloys and Compounds</i> , 2017 , 693, 394-405	5.7	122
124	Strength and ductility-related properties of ultrafine grained two-phase titanium alloy produced by warm multi-axial forging. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2012 , 536, 190-196	5.3	115
123	Structure and mechanical properties of B2 ordered refractory AlNbTiVZr _x ($x = 0-1.5$) high-entropy alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017 , 704, 82-90	5.3	103
122	Mechanical Properties of Ti-6Al-4V Titanium Alloy with Submicrocrystalline Structure Produced by Severe Plastic Deformation. <i>Materials Transactions</i> , 2005 , 46, 2020-2025	1.3	85
121	Evolution of grain and subgrain structure during cold rolling of commercial-purity titanium. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2011 , 528, 3474-3479	5.3	78

120	Phase Composition and Superplastic Behavior of a Wrought AlCoCrCuFeNi High-Entropy Alloy. <i>Jom</i> , 2013 , 65, 1815-1828	2.1	77
119	Mechanical behaviour of fine grained TiAl intermetallic compound Superplasticity. <i>Acta Metallurgica Et Materialia</i> , 1992 , 40, 581-587		76
118	Dynamic-coarsening behavior of an α titanium alloy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2006 , 37, 1125-1136	2.3	75
117	Development of Ti ₆₀ Al ₄₀ V sheet with low temperature superplastic properties. <i>Journal of Materials Processing Technology</i> , 2001 , 116, 265-268	5.3	75
116	Loss of coherency of the alpha/beta interface boundary in titanium alloys during deformation. <i>Philosophical Magazine Letters</i> , 2010 , 90, 903-914	1	73
115	An AlNbTiVZr _{0.5} high-entropy alloy combining high specific strength and good ductility. <i>Materials Letters</i> , 2015 , 161, 136-139	3.3	71
114	Novel Fe ₃₆ Mn ₂₁ Cr ₁₈ Ni ₁₅ Al ₁₀ high entropy alloy with bcc/B2 dual-phase structure. <i>Journal of Alloys and Compounds</i> , 2017 , 705, 756-763	5.7	70
113	Effect of cold rolling on microstructure and mechanical properties of copper subjected to ECAP with various numbers of passes. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2012 , 554, 105-115	5.3	69
112	Tensile properties of the CrBeNiMn non-equiatomic multicomponent alloys with different Cr contents. <i>Materials and Design</i> , 2015 , 87, 60-65	8.1	64
111	Effect of Al on structure and mechanical properties of Al _x NbTiVZr (x = 0, 0.5, 1, 1.5) high entropy alloys. <i>Materials Science and Technology</i> , 2015 , 31, 1184-1193	1.5	64
110	Evolution of misorientation distribution during warm β forging of commercial-purity titanium. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2006 , 418, 257-267	5.3	62
109	Low-temperature superplasticity of titanium aluminides. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2001 , 300, 263-277	5.3	58
108	Formation of submicrocrystalline structure in TiAl intermetallic compound. <i>Journal of Materials Science</i> , 1992 , 27, 4465-4471	4.3	56
107	Influence of microstructure and texture on the corrosion and tribocorrosion behavior of Ti ₆₀ Al ₄₀ V. <i>Tribology International</i> , 2010 , 43, 918-924	4.9	53
106	Formation of a submicrocrystalline structure in TiAl and Ti ₃ Al intermetallics by hot working. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2000 , 286, 236-243	5.3	53
105	Loss of coherency and interphase β angular deviation from the Burgers orientation relationship in a Ti ₆₀ Al ₄₀ V alloy compressed at 800 °C. <i>Journal of Materials Science</i> , 2013 , 48, 1100-1110	4.3	52
104	Formation of nanocrystalline structure in two-phase titanium alloy by combination of thermohydrogen processing with hot working. <i>International Journal of Hydrogen Energy</i> , 2002 , 27, 775-782	6.7	45
103	Microstructure evolution during warm working of Ti ₆₀ Al ₃₀ Mo ₅ V ₅ Cr ₁₀ Fe at 600 and 800 °C. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013 , 563, 168-176	5.3	43

102	Effect of grain size and partial disordering on ductility of Ti3Al in the temperature range of 200-800°C. <i>Acta Materialia</i> , 1999 , 47, 1809-1821	8.4	41
101	Changes in misorientations of grain boundaries in titanium during deformation. <i>Materials Characterization</i> , 2010 , 61, 732-739	3.9	40
100	Evolution of microstructure and mechanical properties in Cu-4%Fe alloy during severe cold rolling. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013 , 564, 264-272	5.3	37
99	Superplasticity of AlCoCrCuFeNi High Entropy Alloy. <i>Materials Science Forum</i> , 2012 , 735, 146-151	0.4	37
98	Submicrocrystalline and Nanocrystalline Structure Formation in Materials and Search for Outstanding Superplastic Properties. <i>Materials Science Forum</i> , 1994 , 170-172, 121-130	0.4	37
97	Influence of deformation on the Burgers orientation relationship between the β and β' phases in Ti-3Al-3Mo-3V-1Cr-1Fe. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015 , 645, 292-297	5.3	36
96	On two stages of brittle-to-ductile transition in TiAl intermetallic. <i>Intermetallics</i> , 2000 , 8, 1-6	3.5	36
95	Nanocrystalline structure formation during severe plastic deformation in metals and their deformation behaviour. <i>Scripta Materialia</i> , 1995 , 6, 913-916		35
94	Effect of hydrostatic extrusion at 600-700 °C on the structure and properties of Ti-3Al-3V alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008 , 485, 39-45	5.3	34
93	Effect of grain size on ductility and anomalous yield strength of micro- and submicrocrystalline TiAl. <i>Scripta Metallurgica Et Materialia</i> , 1993 , 29, 713-718		34
92	Net-shape manufacturing of aircraft engine disks by roll forming and hot die forging. <i>Journal of Materials Processing Technology</i> , 2003 , 135, 324-329	5.3	32
91	Strengthening of a Ti-3Al-3V titanium alloy by means of hydrostatic extrusion and other methods. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2009 , 515, 43-48	5.3	31
90	Superior superplastic behavior in fine-grained Ti-3Al-3V sheet. <i>Journal of Alloys and Compounds</i> , 2002 , 345, 221-227	5.7	30
89	Effect of severe plastic deformation on creep behaviour of a Ti-3Al-3V alloy. <i>Journal of Materials Science</i> , 2013 , 48, 4789-4795	4.3	28
88	Effect of equal channel angular pressing on grain refinement and texture evolution in a biomedical alloy Ti-13Nb-13Zr. <i>Materials Characterization</i> , 2013 , 82, 73-85	3.9	28
87	Superplasticity and hot rolling of two-phase intermetallic alloy based on TiAl. <i>Scripta Materialia</i> , 1996 , 34, 985-991	5.6	27
86	Evolution of Microstructure and Mechanical Properties of a CoCrFeMnNi High-Entropy Alloy during High-Pressure Torsion at Room and Cryogenic Temperatures. <i>Metals</i> , 2018 , 8, 123	2.3	26
85	Grain-structure development in heavily cold-rolled alpha-titanium. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014 , 607, 145-154	5.3	26

84	Mathematical modeling of radial-shear rolling of the VT6 titanium alloy under conditions of formation of a globular structure. <i>Russian Journal of Non-Ferrous Metals</i> , 2011 , 52, 442-447	0.8	25
83	Formation of submicrocrystalline structure in titanium and titanium alloys and their mechanical properties. <i>Metal Science and Heat Treatment</i> , 2006 , 48, 63-69	0.6	25
82	Structure and properties of hydrostatically extruded commercially pure titanium. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2010 , 527, 5596-5603	5.3	24
81	Low Temperature Superplasticity of Submicrocrystalline Titanium Alloys. <i>Materials Science Forum</i> , 1996 , 243-245, 585-590	0.4	24
80	High temperature mechanical properties of a submicrocrystalline Ti ₇₀ Al ₃ Cr alloy produced by mechanical alloying and hot isostatic pressing. <i>Journal of Alloys and Compounds</i> , 2000 , 313, 201-208	5.7	21
79	Structure and density of submicrocrystalline titanium produced by severe plastic deformation. <i>Scripta Materialia</i> , 1999 , 11, 407-414		21
78	Superplastic properties of Ti ₅₅ Al ₃ 5(Nb,Cr,B) sheet material rolled below the eutectoid temperature. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2003 , 348, 15-21	5.3	19
77	Microstructure evolution of commercial-purity titanium during cryorolling. <i>Physics of Metals and Metallography</i> , 2015 , 116, 182-188	1.2	18
76	Mechanical Properties, Biodegradation, and Biocompatibility of Ultrafine Grained Magnesium Alloy WE43. <i>Materials</i> , 2019 , 12,	3.5	18
75	Formation of Grain Boundary Misorientation Spectrum in Alpha-Beta Titanium Alloys with Lamellar Structure under Warm and Hot Working. <i>Materials Science Forum</i> , 2004 , 467-470, 501-506	0.4	17
74	Effect of heat treatment on the structure and hardness of high-entropy alloys CoCrFeNiMnV x (x = 0.25, 0.5, 0.75, 1). <i>Physics of Metals and Metallography</i> , 2017 , 118, 579-590	1.2	16
73	Phase Evolution of the Al _x NbTiVZr (x = 0; 0.5; 1; 1.5) High Entropy Alloys. <i>Metals</i> , 2016 , 6, 298	2.3	16
72	Three-stage relationship between flow stress and dynamic grain size in titanium in a wide temperature interval. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015 , 628, 104-109	5.3	15
71	Nanostructure of vortex during explosion welding. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 8885-95	1.3	15
70	Application of reversible hydrogen alloying for formation of submicrocrystalline structure in (α + β) titanium alloys. <i>International Journal of Hydrogen Energy</i> , 1997 , 22, 201-204	6.7	15
69	Formation of Submicrocrystalline Structure in Titanium and its Alloy under Severe Plastic Deformation. <i>Defect and Diffusion Forum</i> , 2002 , 208-209, 237-240	0.7	15
68	Oxidation Behavior of Refractory AlNbTiVZr High-Entropy Alloy. <i>Materials</i> , 2018 , 11,	3.5	15
67	Mechanical behaviour of fine grained TiAl intermetallic compound. Ductile-brittle transition. <i>Acta Metallurgica Et Materialia</i> , 1992 , 40, 589-595		14

66	Creep study of mechanisms involved in low-temperature superplasticity of UFG Ti-6Al-4V processed by SPD. <i>Materials Characterization</i> , 2016 , 116, 84-90	3.9	14
65	Superplasticity of hydrogen-containing VT6 titanium alloy with a submicrocrystalline structure. <i>Physics of Metals and Metallography</i> , 2007 , 104, 195-202	1.2	13
64	Low-Temperature Superplasticity of Submicrocrystalline Intermetallics. <i>Materials Science Forum</i> , 1999 , 304-306, 195-200	0.4	13
63	Effect of grain size on superplasticity of an intermetallic Ti3Al compound. <i>Intermetallics</i> , 1997 , 5, 229-236	0.5	12
62	Effect of Hot Rolling on the Microstructure and Mechanical Properties of a Ti-15Mo/TiB Metal-Matrix Composite. <i>Metals</i> , 2020 , 10, 40	2.3	11
61	Low Temperature Superplasticity of Ti-6Al-4V Processed by Warm Multidirectional Forging. <i>Materials Science Forum</i> , 2012 , 735, 253-258	0.4	11
60	Effects of grain size and grain boundary structure on yield strength of micro- and submicrocrystalline TiAl. <i>Scripta Metallurgica Et Materialia</i> , 1993 , 29, 719-724		11
59	Improving the property profile of a bioresorbable Mg-Y-Nd-Zr alloy by deformation treatments. <i>Materialia</i> , 2020 , 13, 100841	3.2	11
58	Mechanical Behavior and Microstructure Evolution of a Ti-15Mo/TiB Titanium Matrix Composite during Hot Deformation. <i>Metals</i> , 2019 , 9, 1175	2.3	11
57	Porosity of TiAl intermetallic compound with micro- and submicrocrystalline structure after superplastic deformation. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1996 , 208, 226-231	5.3	10
56	Effect of High-Pressure Torsion on Structure and Properties of Ti-15Mo/TiB Metal-Matrix Composite. <i>Materials</i> , 2018 , 11,	3.5	10
55	Structure and Superplasticity of Intermetallics. <i>Materials Science Forum</i> , 1994 , 170-172, 453-464	0.4	9
54	Laser Beam Welding of a Low Density Refractory High Entropy Alloy. <i>Metals</i> , 2019 , 9, 1351	2.3	9
53	Mechanical Behavior and Microstructure Evolution during Superplastic Deformation of the Fine-Grained AlCoCrCuFeNi High Entropy Alloy. <i>Materials Science Forum</i> , 2016 , 838-839, 302-307	0.4	8
52	Texture and structure contribution to low-temperature plasticity enhancement of Mg-Al-Zn-Mn Alloy MA2-1hp after ECAP and annealing. <i>Physics of Metals and Metallography</i> , 2013 , 114, 448-456	1.2	8
51	Effect of Decrease of Hydride-Induced Embrittlement in Nanocrystalline Titanium. <i>Advanced Engineering Materials</i> , 2010 , 12, 765-768	3.5	8
50	Effect of Multiaxial Forging on Structure Evolution and Mechanical Properties of Oxygen Free Copper. <i>Materials Science Forum</i> , 2010 , 667-669, 289-294	0.4	7
49	Mechanical Properties of Ti6Al4V Titanium Alloy with Submicrocrystalline Structure Produced by Multiaxial Forging. <i>Materials Science Forum</i> , 2008 , 584-586, 783-788	0.4	7

48	Effect of multiaxial forging on microstructure and mechanical properties of Mg-0.8Ca alloy. <i>IOP Conference Series: Materials Science and Engineering</i> , 2014 , 63, 012075	0.4	6
47	Ultrafine-grained structure formation in Ti-6Al-4V alloy via warm swaging. <i>IOP Conference Series: Materials Science and Engineering</i> , 2014 , 63, 012070	0.4	6
46	Mechanical properties of tantalum with different types of microstructure under high-rate deformation. <i>Physical Mesomechanics</i> , 2011 , 14, 79-84	1.6	6
45	Production, Properties and Application of Ultrafine-Grained Titanium Alloys. <i>Materials Science Forum</i> , 2016 , 838-839, 294-301	0.4	5
44	Effect of ECAP on microstructure and mechanical properties of Cu-14Fe microcomposite alloy. <i>IOP Conference Series: Materials Science and Engineering</i> , 2014 , 63, 012098	0.4	5
43	Structure and properties of an Mg-0.3% ca magnesium alloy after multiaxial deformation and equal-channel angular pressing. <i>Russian Metallurgy (Metally)</i> , 2014 , 2014, 911-919	0.5	5
42	Metallic Nano-Materials and Nanostructures: Development of Technology Roadmap. <i>Solid State Phenomena</i> , 2006 , 114, 345-0	0.4	5
41	Structure and properties of stainless steels subjected to severe plastic deformation. <i>Metal Science and Heat Treatment</i> , 2006 , 48, 70-75	0.6	5
40	Development of Submicrocrystalline Titanium Alloys Using "abc" Isothermal Forging. <i>Materials Science Forum</i> , 2004 , 447-448, 459-464	0.4	5
39	Influence of Reversible Hydrogen Alloying on Formation of SMC Structure and Superplasticity of Titanium Alloys. <i>Materials Science Forum</i> , 2001 , 357-359, 315-320	0.4	5
38	Microstructure Evolution and Properties of Ti-6Al-4V Alloy Doped with Fe and Mo during Deformation at 800°C. <i>Defect and Diffusion Forum</i> , 2018 , 385, 144-149	0.7	4
37	Twinning induced nanostructure formation during cryo-deformation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2014 , 63, 012157	0.4	4
36	Effect of cold rolling on the structure and mechanical properties of sheets from commercial titanium. <i>Metal Science and Heat Treatment</i> , 2008 , 50, 180-186	0.6	4
35	Characterization of Submicron-Grained Ti-6Al-4V Sheets with Enhanced Superplastic Properties. <i>Materials Science Forum</i> , 2004 , 447-448, 441-446	0.4	4
34	Effect of deformation conditions on grain size and microstructure homogeneity of β-rich titanium alloys. <i>Journal of Materials Engineering and Performance</i> , 2005 , 14, 709-716	1.6	4
33	Mechanisms of the Reverse Martensite-to-Austenite Transformation in a Metastable Austenitic Stainless Steel. <i>Metals</i> , 2021 , 11, 599	2.3	4
32	Effect of Cold Rolling on Structure and Mechanical Properties of Copper Subjected to Different Numbers of Passes of ECAP. <i>Materials Science Forum</i> , 2010 , 667-669, 295-300	0.4	3
31	Mechanical Properties of Ultrafine Grained Two-Phase Titanium Alloy Produced by β-γ Deformation. <i>Materials Science Forum</i> , 2012 , 706-709, 1859-1863	0.4	3

30	Effect of shock-wave loading on the internal microstructure and mechanical properties of fine-grained copper. <i>Combustion, Explosion and Shock Waves</i> , 2010 , 46, 719-723	1	3
29	Submicrocrystalline Structure Formation in Ti and Ti-6Al-4V Alloy by Warm Deformation. <i>Materials Science Forum</i> , 2007 , 551-552, 183-188	0.4	3
28	Grain Growth and Texture Evolution during Annealing of Submicrocrystalline Titanium Produced by Severe Plastic Deformation. <i>Materials Science Forum</i> , 2004 , 467-470, 1289-1294	0.4	3
27	Superplasticity of Nickel-Based Alloys with Submicrocrystalline Structure. <i>Materials Science Forum</i> , 1996 , 243-245, 557-562	0.4	3
26	Influence of cold rolling and annealing on the microstructure, mechanical properties, and electrical conductivity of an artificial microcomposite Cu-18% Nb alloy. <i>Russian Metallurgy (Metally)</i> , 2010 , 2010, 1072-1079	0.5	2
25	Influence of Reversible Hydrogen Alloying on Nanostructure Formation in Titanium Alloys Subjected to Severe Plastic Deformation. <i>Materials Science Forum</i> , 2008 , 584-586, 86-91	0.4	2
24	Structure and Properties of High-Entropy Nitride Coatings. <i>Metals</i> , 2022 , 12, 847	2.3	2
23	Mechanisms of Grain Structure Evolution in a Quenched Medium Carbon Steel during Warm Deformation. <i>Crystals</i> , 2020 , 10, 554	2.3	1
22	Texture and Structure Study of AZ41 Alloy after ECAP and Annealing. <i>Materials Science Forum</i> , 2013 , 753, 469-472	0.4	1
21	Effect of temperature and strain on the formation of elongated fine grained structure in middle carbon steel during large plastic deformation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2014 , 63, 012054	0.4	1
20	Twinning-Induced Formation of Nanostructure in Commercial-Purity Titanium. <i>Materials Science Forum</i> , 2014 , 783-786, 2732-2737	0.4	1
19	Structure of the transition zone and its influence on the strength of copper-tantalum joint (Explosion welding). <i>Russian Metallurgy (Metally)</i> , 2012 , 2012, 898-905	0.5	1
18	Production of Ti-6Al-4V Sheets for Low Temperature Superplastic Forming. <i>Materials Science Forum</i> , 2007 , 551-552, 31-36	0.4	1
17	Superplastic Properties and Superplastic Forming/Diffusion Bonding of TiAl+Ti3Al Sheet Materials. <i>Materials Science Forum</i> , 2007 , 551-552, 441-446	0.4	1
16	Microstructure and Texture Evolution during Continuous Dynamic Recrystallization at Warm Deformation of Titanium. <i>Materials Science Forum</i> , 2004 , 467-470, 1211-1216	0.4	1
15	Increasing the mechanical properties of 07Kh16N6 steel by heat treatment. <i>Metal Science and Heat Treatment</i> , 1991 , 33, 735-737	0.6	1
14	Effect of pre-heating and post-weld heat treatment on structure and mechanical properties of laser beam-welded Ti2AlNb-based joints. <i>Intermetallics</i> , 2022 , 143, 107466	3.5	1
13	Production of bulk nanocrystalline mill products by conventional metalforming methods 2019 , 71-100		1

12	Mechanisms of Microstructure Refinement in Titanium during β -Deformation at 400°C. <i>Materials Science Forum</i> , 2010 , 667-669, 439-444	0.4
11	Globularization of Two-Phase Titanium Alloy during Deformation at 600 and 800°C. <i>Materials Science Forum</i> , 2012 , 715-716, 854-859	0.4
10	Formation of Submicrocrystalline Structure in Titanium Aluminides and their Mechanical Properties. <i>Solid State Phenomena</i> , 2006 , 114, 29-38	0.4
9	Superplastic Properties of β Titanium Aluminide Alloy Ti-43Al-(Nb,Mo,B) in Cast + Post-Solidification Heat Treated Condition. <i>Materials Science Forum</i> , 2007 , 551-552, 447-452	0.4
8	Effect of Superplastic Processing on Room Temperature Ductility of Gamma Titanium Aluminide. <i>Materials Science Forum</i> , 1996 , 243-245, 637-642	0.4
7	An investigation of the uniformity of mechanical properties of forgings of VT9 titanium alloy after superplastic deformation and high-temperature thermomechanical processing. <i>Metal Science and Heat Treatment</i> , 1991 , 33, 797-799	0.6
6	Change in the structure and properties of austenitic corrosion-resistant steel under dynamic recrystallization. <i>Metal Science and Heat Treatment</i> , 1993 , 35, 511-515	0.6
5	Influence of microstructure on plasticity of VT1-00 alloy. <i>Metal Science and Heat Treatment</i> , 1985 , 27, 51-54	0.6
4	Superplastic deformation [A method of improving the mechanical properties of titanium alloys. <i>Metal Science and Heat Treatment</i> , 1979 , 21, 924-927	0.6
3	Relationship between the structure and mechanical properties of alloy VT9 after superplastic deformation. <i>Metal Science and Heat Treatment</i> , 1981 , 23, 181-185	0.6
2	Modification of Biocorrosion and Cellular Response of Magnesium Alloy WE43 by Multiaxial Deformation. <i>Metals</i> , 2022 , 12, 105	2.3
1	Efficiency of Microstructure Refinement in Ti-Based Alloys. <i>Materials Science Forum</i> , 1016 , 1753-1758	0.4