Sergey V Zherebtsov

List of Publications by Year in Descending Order

140 papers	3,867 citations	33 h-index	59 g-index
145 ext. papers	4,824 ext. citations	3.4 avg, IF	5.89 L-index

#	Paper	IF	Citations
140	Unique precipitations in a novel refractory Nb-Mo-Ti-Co high-entropy superalloy. *Materials Research Letters*, **2022**, 10, 78-87	7.4	0
139	Outstanding cryogenic strength-ductility properties of a cold-rolled medium-entropy TRIP Fe65(CoNi)25Cr9□5C0.5 alloy. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2022**, 836, 142720	5.3	3
138	Effect of pre-heating and post-weld heat treatment on structure and mechanical properties of laser beam-welded Ti2AlNb-based joints. *Intermetallics*, **2022**, 143, 107466	3.5	1
137	The grain-refinement mechanism during heavy cold-rolling of commercial-purity titanium. *Journal of Alloys and Compounds*, **2022**, 895, 162689	5.7	1
136	On the yield stress anomaly in a B2-ordered refractory AlNbTiVZr0.25 high-entropy alloy. *Materials Letters*, **2022**, 311, 131584	3.3	0
135	On the relationship between microstructure and residual stress in laser-shock-peened Ti-6Al-4V. *Journal of Alloys and Compounds*, **2022**, 900, 163383	5.7	2
134	Cross-kink unpinning controls the medium- to high-temperature strength of body-centered cubic NbTiZr medium-entropy alloy. *Scripta Materialia*, **2022**, 209, 114367	5.6	2
133	Aging behavior of two refractory Ti-Nb-(Hf, Zr)-Al high entropy alloys. *Journal of Alloys and Compounds*, **2022**, 889, 161586	5.7	1
132	The unusual character of microstructure evolution during □bcc□deformation of commercial-purity titanium. *Journal of Alloys and Compounds*, **2022**, 913, 165281	5.7	1
131	Structure and Properties of High-Entropy Nitride Coatings. *Metals*, **2022**, 12, 847	2.3	2
130	Friction Stir Welding of a TRIP Fe49Mn30Cr10Co10C1 High Entropy Alloy. *Metals*, **2021**, 11, 66	2.3	2
129	Laser Beam Welding of a Ti-15Mo/TiB Metal□Matrix Composite. *Metals*, **2021**, 11, 506	2.3	4
128	Mechanisms of the Reverse Martensite-to-Austenite Transformation in a Metastable Austenitic Stainless Steel. *Metals*, **2021**, 11, 599	2.3	4
127	Design and characterization of eutectic refractory high entropy alloys. *Materialia*, **2021**, 16, 101057	3.2	11
126	Influence of carbon on the mechanical behavior and microstructure evolution of CoCrFeMnNi processed by high pressure torsion. *Materialia*, **2021**, 16, 101059	3.2	11
125	The Effect of LSP on the Structure Evolution and Self-Heating of ARMCO Iron under Cyclic Loading. *Metals*, **2021**, 11, 1198	2.3	3
124	Effect of carbon on recrystallised microstructures and properties of CoCrFeMnNi-type high-entropy alloys. *Journal of Alloys and Compounds*, **2021**, 851, 156839	5.7	22

123	Prediction of strength characteristics of high-entropy alloys Al-Cr-Nb-Ti-V-Zr systems. *Materials Today: Proceedings*, **2021**, 38, 1535-1540	1.4	2
122	Effect of carbon content on cryogenic mechanical properties of CoCrFeMnNi high entropy alloy. *IOP Conference Series: Materials Science and Engineering*, **2021**, 1014, 012050	0.4	1
121	Precipitation-hardened refractoryTi-Nb-Hf-Al-Ta high-entropy alloys. *IOP Conference Series: Materials Science and Engineering*, **2021**, 1014, 012041	0.4	2
120	Plastic deformation of solid-solution strengthened Hf-Nb-Ta-Ti-Zr body-centered cubic medium/high-entropy alloys. *Scripta Materialia*, **2021**, 200, 113927	5.6	10
119	The predicted rate-dependent deformation behaviour and multistage strain hardening in a model heterostructured body-centered cubic high entropy alloy. *International Journal of Plasticity*, **2021**, 145, 103073	7.6	9
118	Excellent strength-toughness synergy in metastable austenitic stainless steel due to gradient structure formation. *Materials Letters*, **2021**, 303, 130585	3.3	2
117	Effect of nitrogen on microstructure and mechanical properties of the CoCrFeMnNi high-entropy alloy after cold rolling and subsequent annealing. *Journal of Alloys and Compounds*, **2021**, 888, 161452	5.7	3
116	Refractory high entropy alloy with ductile intermetallic B2 matrix / hard bcc particles and exceptional strain hardening capacity. *Materialia*, **2021**, 20, 101225	3.2	5
115	B2 precipitates formation in Al-containing CoCrFeMnNi-type high entropy alloy. *IOP Conference Series: Materials Science and Engineering*, **2021**, 1014, 012018	0.4	1
114	Microstructure and Mechanical Properties Evolution in HfNbTaTiZr Refractory High-Entropy Alloy During Cold Rolling. *Advanced Engineering Materials*, **2020**, 22, 2000105	3.5	12
113	Creep behavior of an AlTiVNbZr0.25 high entropy alloy at 1073 K. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2020**, 783, 139291	5.3	6
112	Microband-induced plasticity in a Ti-rich high-entropy alloy. *Journal of Alloys and Compounds*, **2020**, 842, 155868	5.7	11
111	A new refractory Ti-Nb-Hf-Al high entropy alloy strengthened by orthorhombic phase particles. *International Journal of Refractory Metals and Hard Materials*, **2020**, 92, 105322	4.1	13
110	Mechanisms of Grain Structure Evolution in a Quenched Medium Carbon Steel during Warm Deformation. *Crystals*, **2020**, 10, 554	2.3	1
109	The effect of Gd addition on the kinetics of β-α transformation in γ-TiAl based alloys. *Intermetallics*, **2020**, 120, 106759	3.5	6
108	Structure and mechanical properties of an in situ refractory Al20Cr10Nb15Ti20V25Zr10 high entropy alloy composite. *Materials Letters*, **2020**, 264, 127372	3.3	19
107	Effect of Hot Rolling on the Microstructure and Mechanical Properties of a Ti-15Mo/TiB Metal-Matrix Composite. *Metals*, **2020**, 10, 40	2.3	11
106	Evolution of microstructure and mechanical properties of Ti-based metal-matrix composites during hot deformation. *MATEC Web of Conferences*, **2020**, 321, 12016	0.3	2

105	Structures and mechanical properties of Ti-Nb-Cr-V-Ni-Al refractory high entropy alloys. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2020**, 786, 139409	5.3	17
104	Gum-like mechanical behavior of a partially ordered Al5Nb24Ti40V5Zr26 high entropy alloy. *Intermetallics*, **2020**, 116, 106652	3.5	14
103	Effect of nitrogen on mechanical properties of CoCrFeMnNi high entropy alloy at room and cryogenic temperatures. *Journal of Alloys and Compounds*, **2020**, 849, 156633	5.7	30
102	Structure and mechanical properties of a low-density AlCrFeTi medium entropy alloy produced by spark plasma sintering. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2020**, 795, 140018	5.3	4
101	Exceptionally high strain-hardening and ductility due to transformation induced plasticity effect in Ti-rich high-entropy alloys. *Scientific Reports*, **2020**, 10, 13293	4.9	15
100	Mechanical behavior and thermal activation analysis of HfNbTaTiZr body-centered cubic high-entropy alloy during tensile deformation at 77 K. *Scripta Materialia*, **2020**, 188, 118-123	5.6	16
99	Oxidation resistance and thermal stability of a □solidified □TiAl based alloy after nitrogen ion implantation. *Corrosion Science*, **2020**, 177, 109003	6.8	7
98	Effect of carbon on cryogenic tensile behavior of CoCrFeMnNi-type high entropy alloys. *Journal of Alloys and Compounds*, **2019**, 811, 152000	5.7	51
97	Fatigue behaviour of a laser beam welded CoCrFeNiMn-type high entropy alloy. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2019**, 766, 138358	5.3	36
96	Effect of second phase particles on mechanical properties and grain growth in a CoCrFeMnNi high entropy alloy. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2019**, 748, 228-235	5.3	65
95	Evolution of microstructure and mechanical properties of Ti/TiB metal-matrix composite during isothermal multiaxial forging. *Journal of Alloys and Compounds*, **2019**, 770, 840-848	5.7	30
94	Effect of Al on structure and mechanical properties of Fe-Mn-Cr-Ni-Al non-equiatomic high entropy alloys with high Fe content. *Journal of Alloys and Compounds*, **2019**, 770, 194-203	5.7	45
93	Microstructure evolution of a novel low-density Ti□rNbV refractory high entropy alloy during cold rolling and subsequent annealing. *Materials Characterization*, **2019**, 158, 109980	3.9	21
92	Laser Beam Welding of a Low Density Refractory High Entropy Alloy. *Metals*, **2019**, 9, 1351	2.3	9
91	Effect of friction stir welding on the structure and mechanical properties of the CoCrFeNiMn-0.9%C alloy **2019**,		1
90	Mechanical Behavior and Microstructure Evolution of a Ti-15Mo/TiB Titanium□Matrix Composite during Hot Deformation. *Metals*, **2019**, 9, 1175	2.3	11
89	Recrystallized microstructures and mechanical properties of a C-containing CoCrFeNiMn-type high-entropy alloy. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2019**, 740-741, 201-210	5.3	31
88	Production of bulk nanocrystalline mill products by conventional metalforming methods **2019**, 71-100		1

87	Advanced mechanical properties **2019**, 103-121		4
86	Structure and hardness of B2 ordered refractory AlNbTiVZr0.5 high entropy alloy after high-pressure torsion. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2018**, 716, 308-315	5.3	19
85	Hot deformation behavior and processing maps of B and Gd containing □solidified TiAl based alloy. *Intermetallics*, **2018**, 94, 138-151	3.5	29
84	Laser beam welding of a CoCrFeNiMn-type high entropy alloy produced by self-propagating high-temperature synthesis. *Intermetallics*, **2018**, 96, 63-71	3.5	59
83	Aging behavior of the HfNbTaTiZr high entropy alloy. *Materials Letters*, **2018**, 211, 87-90	3.3	92
82	Microstructure Evolution and Properties of Ti-6Al-4V Alloy Doped with Fe and Mo during Deformation at 800□C. *Defect and Diffusion Forum*, **2018**, 385, 144-149	0.7	4
81	Superplastic Behavior of B- and Gd-Containing □Solidifying TiAl Based Alloy. *Defect and Diffusion Forum*, **2018**, 385, 131-136	0.7	1
80	Evolution of Microstructure and Mechanical Properties of a CoCrFeMnNi High-Entropy Alloy during High-Pressure Torsion at Room and Cryogenic Temperatures. *Metals*, **2018**, 8, 123	2.3	26
79	Mechanical properties of a new high entropy alloy with a duplex ultra-fine grained structure. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing* , **2018**, 728, 54-62	5.3	45
78	Effect of Cr and Zr on phase stability of refractory Al-Cr-Nb-Ti-V-Zr high-entropy alloys. *Journal of Alloys and Compounds*, **2018**, 757, 403-414	5.7	43
77	Structure and Properties of Ti/TiB Metal-Matrix Composite after Isothermal Multiaxial Forging. *Acta Physica Polonica A*, **2018**, 134, 695-698	0.6	2
76	Hot Deformation Behavior of □Solidifying TiAl Based Alloy. *Acta Physica Polonica A*, **2018**, 134, 675-677	0.6	
75	Strengthening of a CoCrFeNiMn-Type High Entropy Alloy by Regular Arrays of Nanoprecipitates. *Materials Science Forum*, **2018**, 941, 772-777	0.4	3
74	Use of Novel Welding Technologies for High-Entropy Alloys Joining. *Materials Science Forum*, **2018**, 941, 919-924	0.4	6
73	Effect of High-Pressure Torsion on Structure and Properties of Ti-15Mo/TiB Metal-Matrix Composite. *Materials*, **2018**, 11,	3.5	10
72	Oxidation Behavior of Refractory AlNbTiVZr High-Entropy Alloy. *Materials*, **2018**, 11,	3.5	15
71	Structure and high temperature mechanical properties of novel non-equiatomic Fe-(Co, Mn)-Cr-Ni-Al-(Ti) high entropy alloys. *Intermetallics*, **2018**, 102, 140-151	3.5	33
70	Effect of Plastic Deformation on the Structure and Properties of the Ti/TiB Composite Produced by Spark Plasma Sintering. *Russian Metallurgy (Metally)*, **2018**, 2018, 638-644	0.5	2

69	Friction stir welding of a carbon-doped CoCrFeNiMn high-entropy alloy. *Materials Characterization*, **2018**, 145, 353-361	3.9	56
68	Novel Fe36Mn21Cr18Ni15Al10 high entropy alloy with bcc/B2 dual-phase structure. *Journal of Alloys and Compounds*, **2017**, 705, 756-763	5.7	70
67	Effect of High-Pressure Torsion on Structure and Microhardness of Ti/TiB Metal Matrix Composite. *Metals*, **2017**, 7, 507	2.3	10
66	Microstructure and Mechanical Properties Evolution of the Al, C-Containing CoCrFeNiMn-Type High-Entropy Alloy during Cold Rolling. *Materials*, **2017**, 11,	3.5	61
65	Microstructure and texture evolution of a high manganese TWIP steel during cryo-rolling. *Materials Characterization*, **2017**, 132, 20-30	3.9	20
64	Structure and mechanical properties of B2 ordered refractory AlNbTiVZr x (x = 0 1.5) high-entropy alloys. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2017**, 704, 82-90	5.3	103
63	Wear resistance of Ti/TiB composites produced by spark plasma sintering **2017**,		2
62	Precipitation-strengthened refractory Al 0.5 CrNbTi 2 V 0.5 high entropy alloy. *Materials Letters*, **2017**, 188, 162-164	3.3	63
61	Brittle-to-ductile transition in a TiTiB metal-matrix composite. *Materials Letters*, **2017**, 187, 28-31	3.3	17
60	Orientation relationship in a Ti/TiB metal-matrix composite. *Materials Letters*, **2017**, 186, 168-170	3.3	24
59	Effect of thermomechanical processing on microstructure and mechanical properties of the carbon-containing CoCrFeNiMn high entropy alloy. *Journal of Alloys and Compounds*, **2017**, 693, 394-405	5.7	122
58	Grain Refinement Kinetics in a Low Alloyed Cu-Cr-Zr Alloy Subjected to Large Strain Deformation. *Materials*, **2017**, 10,	3.5	17
57	Second phase formation in the CoCrFeNiMn high entropy alloy after recrystallization annealing. *Materials Letters*, **2016**, 185, 1-4	3.3	103
56	Microstructure Refinement in the CoCrFeNiMn High Entropy Alloy under Plastic Straining. *Materials Science Forum*, **2016**, 879, 1853-1858	0.4	2
55	Kinetics of Microstructure Refinement in Titanium Alloys during Deformation. *Materials Science Forum*, **2016**, 879, 2280-2285	0.4	1
54	Deformation behavior and microstructure evolution of a Ti/TiB metal-matrix composite during high-temperature compression tests. *Materials and Design*, **2016**, 112, 17-26	8.1	33
53	Microstructure evolution and mechanical behavior of ultrafine Ti6Al4V during low-temperature superplastic deformation. *Acta Materialia*, **2016**, 121, 152-163	8.4	110
52	Production, Properties and Application of Ultrafine-Grained Titanium Alloys. *Materials Science Forum*, **2016**, 838-839, 294-301	0.4	5

51	Dependence of the specific energy of the β/β interface in the VT6 titanium alloy on the heating temperature in the interval 600–975°C. *Journal of Experimental and Theoretical Physics*, **2016**, 122, 705-715	1	7
50	Creep study of mechanisms involved in low-temperature superplasticity of UFG Ti-6Al-4V processed by SPD. *Materials Characterization*, **2016**, 116, 84-90	3.9	14
49	The Influence of Grain Size on Twinning and Microstructure Refinement During Cold Rolling of Commercial-Purity Titanium. *Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science*, **2016**, 47, 5101-5113	2.3	18
48	Microstructure evolution of commercial-purity titanium during cryorolling. *Physics of Metals and Metallography*, **2015**, 116, 182-188	1.2	18
47	High temperature deformation behavior and dynamic recrystallization in CoCrFeNiMn high entropy alloy. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2015**, 636, 188-195	5.3	156
46	Influence of deformation on the Burgers orientation relationship between the α and β phases in Ti–5Al–5Mo–5V–1Cr–1Fe. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2015**, 645, 292-297	5.3	36
45	Effect of cryo-deformation on structure and properties of CoCrFeNiMn high-entropy alloy. *Intermetallics*, **2015**, 59, 8-17	3.5	259
44	Three-stage relationship between flow stress and dynamic grain size in titanium in a wide temperature interval. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2015**, 628, 104-109	5.3	15
43	Ultrafine-grained structure formation in Ti-6Al-4V alloy via warm swaging. *IOP Conference Series: Materials Science and Engineering*, **2014**, 63, 012070	0.4	6
42	Twinning induced nanostructure formation during cryo-deformation. *IOP Conference Series: Materials Science and Engineering*, **2014**, 63, 012157	0.4	4
41	Twinning-Induced Formation of Nanostructure in Commercial-Purity Titanium. *Materials Science Forum*, **2014**, 783-786, 2732-2737	0.4	1
40	Grain-structure development in heavily cold-rolled alpha-titanium. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2014**, 607, 145-154	5.3	26
39	Microstructure evolution during warm working of Ti–5Al–5Mo–5V–1Cr–1Fe at 600 and 800 °C. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing* , **2013**, 563, 168-176	5.3	43
38	Formation of nanostructures in commercial-purity titanium via cryorolling. *Acta Materialia*, **2013**, 61, 1167-1178	8.4	130
37	Effect of severe plastic deformation on creep behaviour of a Ti–6Al–4V alloy. *Journal of Materials Science*, **2013**, 48, 4789-4795	4.3	28
36	Effect of equal channel angular pressing on grain refinement and texture evolution in a biomedical alloy Ti13Nb13Zr. *Materials Characterization*, **2013**, 82, 73-85	3.9	28
35	Loss of coherency and interphase β/α angular deviation from the Burgers orientation relationship in a Ti–6Al–4V alloy compressed at 800 °C. *Journal of Materials Science*, **2013**, 48, 1100-1110	4.3	52
34	Evolution of Microstructure and Mechanical Behavior of Titanium During Warm Multiple Deformation **2013**, 123-132		3

33	Formation of Nanocrystalline Structure in Two-Phase Titanium Alloys by Warm Severe Plastic Deformation **2013**, 113-122		2
32	Strength and ductility-related properties of ultrafine grained two-phase titanium alloy produced by warm multiaxial forging. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2012**, 536, 190-196	5.3	115
31	Efficiency of the strengthening of titanium and titanium alloys of various classes by the formation of an ultrafine-grained structure via severe plastic deformation. *Russian Metallurgy (Metally)*, **2012**, 2012, 969-974	0.5	6
30	Mechanical Properties of Ultrafine Grained Two-Phase Titanium Alloy Produced by bc Deformation. *Materials Science Forum*, **2012**, 706-709, 1859-1863	0.4	3
29	Globularization of Two-Phase Titanium Alloy during Deformation at 600 and 800C. *Materials Science Forum*, **2012**, 715-716, 854-859	0.4	
28	Low Temperature Superplasticity of Ti-6Al-4V Processed by Warm Multidirectional Forging. *Materials Science Forum*, **2012**, 735, 253-258	0.4	11
27	Evolution of grain and subgrain structure during cold rolling of commercial-purity titanium. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing* , **2011**, 528, 3474-3479	5.3	78
26	Spheroidization of the lamellar microstructure in Ti6Al4V alloy during warm deformation and annealing. *Acta Materialia*, **2011**, 59, 4138-4150	8.4	280
25	Effect of Multiaxial Forging on Structure Evolution and Mechanical Properties of Oxygen Free Copper. *Materials Science Forum*, **2010**, 667-669, 289-294	0.4	7
24	Mechanisms of Microstructure Refinement in Titanium during bc Deformation at 400C. *Materials Science Forum*, **2010**, 667-669, 439-444	0.4	
23	Loss of coherency of the alpha/beta interface boundary in titanium alloys during deformation. *Philosophical Magazine Letters*, **2010**, 90, 903-914	1	73
22	Changes in misorientations of grain boundaries in titanium during deformation. *Materials Characterization*, **2010**, 61, 732-739	3.9	40
21	Structure and properties of hydrostatically extruded commercially pure titanium. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2010**, 527, 5596-5603	5.3	24
20	Strengthening of a Ti6Al4V titanium alloy by means of hydrostatic extrusion and other methods. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing* , **2009**, 515, 43-48	5.3	31
19	Microstructure evolution during warm working of Ti6Al4V with a colony- microstructure. *Acta Materialia*, **2009**, 57, 2470-2481	8.4	167
18	Mechanical Properties of Ti6Al4V Titanium Alloy with Submicrocrystalline Structure Produced by Multiaxial Forging. *Materials Science Forum*, **2008**, 584-586, 783-788	0.4	7
17	Production of Nanostructure in Titanium by Cold Rolling. *Materials Science Forum*, **2008**, 584-586, 759-764	0.4	2
16	Mechanical Behaviour and Microstructure Evolution of Severely Deformed Two-Phase Titanium Alloys. *Materials Science Forum*, **2008**, 584-586, 771-776	0.4	5

15	Effect of hydrostatic extrusion at 600–700 °C on the structure and properties of Ti–6Al–4V alloy. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing* , **2008**, 485, 39-45	5.3	34
14	Erosion damage of laser alloyed stainless steel in mercury. *Surface and Coatings Technology*, **2007**, 201, 6035-6043	4.4	1
13	Submicrocrystalline Structure Formation in Ti and Ti-64 Alloy by Warm "abc" Deformation. *Materials Science Forum*, **2007**, 551-552, 183-188	0.4	3
12	Development of aluminum (Al5083)-clad ternary Ag-In-Cd alloy for JSNS decoupled moderator. *Journal of Nuclear Materials*, **2006**, 356, 300-307	3.3	11
11	Formation of submicrocrystalline structure in titanium and titanium alloys and their mechanical properties. *Metal Science and Heat Treatment*, **2006**, 48, 63-69	0.6	25
10	Mechanical Properties of Ti–6Al–4V Titanium Alloy with Submicrocrystalline Structure Produced by Severe Plastic Deformation. *Materials Transactions*, **2005**, 46, 2020-2025	1.3	85
9	Laser Surface Alloying of SUS316 Stainless Steel with Al-Si (Effect of Substrate Temperature on Structure and Properties of Modified Layer). *JSME International Journal Series A-Solid Mechanics and Material Engineering*, **2005**, 48, 292-298		1
8	316 Erosion Damage of Laser Alloyed Stainless Steel in Mercury. *The Proceedings of Ibaraki District Conference*, **2005**, 2005, 73-74	0	
7	Development of Submicrocrystalline Titanium Alloys Using "abc" Isothermal Forging. *Materials Science Forum*, **2004**, 447-448, 459-464	0.4	5
6	Production of submicrocrystalline structure in large-scale Ti–6Al–4V billet by warm severe deformation processing. *Scripta Materialia*, **2004**, 51, 1147-1151	5.6	179
5	Formation of Submicrocrystalline Structure in Large Size Billets and Sheets out of Titanium Alloys **2004**, 401-412		1
4	Formation of Submicrocrystalline Structure in Titanium and its Alloy under Severe Plastic Deformation. *Defect and Diffusion Forum*, **2002**, 208-209, 237-240	0.7	15
3	Influence of Reversible Hydrogen Alloying on Formation of SMC Structure and Superplasticity of Titanium Alloys. *Materials Science Forum*, **2001**, 357-359, 315-320	0.4	5
2	Efficiency of Microstructure Refinement in Ti-Based Alloys. *Materials Science Forum*,1016, 1753-1758	0.4	
1	Effect of Interstitial Elements on the Cryogenic Mechanical Behavior of FCC High Entropy Alloys. *Materials Science Forum*,1016, 1386-1391	0.4	2