Sergey V Zherebtsov

List of Publications by Year
in descending order

142 papers	5,749 citations	94433 37 h-index	85541 71 g-index
145 all docs	145 docs citations	145 times ranked	2815 citing authors

#	Article	IF	Citations
1	Spheroidization of the lamellar microstructure in Tiâ€“6Alâ€“4V alloy during warm deformation and annealing. Acta Materialia, 2011, 59, 4138-4150.	7.9	350
2	Effect of cryo-deformation on structure and properties of CoCrFeNiMn high-entropy alloy. Intermetallics, 2015, 59, 8-17.	3.9	334
3	Microstructure evolution during warm working of Tiâ€“6Alâ€“4V with a colony-Î± microstructure. Acta Materialia, 2009, 57, 2470-2481.	7.9	218
4	Production of submicrocrystalline structure in large-scale Tiâ€“6Alâ€“4V billet by warm severe deformation processing. Scripta Materialia, 2004, 51, 1147-1151.	5.2	202
5	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.	5.6	200
6	Structure and mechanical properties of B2 ordered refractory AlNbTiVZrx (x = 0â€“1.5) high-entropy alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 704, 82-90.	5.6	189
7	Formation of nanostructures in commercial-purity titanium via cryorolling. Acta Materialia, 2013, 61, 1167-1178.	7.9	175
8	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.	5.5	171
9	Microstructure evolution and mechanical behavior of ultrafine Ti 6Al 4V during low-temperature superplastic deformation. Acta Materialia, 2016, 121, 152-163.	7.9	148
10	Second phase formation in the CoCrFeNiMn high entropy alloy after recrystallization annealing. Materials Letters, 2016, 185, 1-4.	2.6	137
11	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.	5.6	132
12	Aging behavior of the HfNbTaTiZr high entropy alloy. Materials Letters, 2018, 211, 87-90.	2.6	126
13	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.	5.6	126
14	Novel Fe36Mn21Cr18Ni15Al10 high entropy alloy with bcc/B2 dual-phase structure. Journal of Alloys and Compounds, 2017, 705, 756-763.	5.5	114
15	Mechanical Properties of Ti–6Al–4V Titanium Alloy with Submicrocrystalline Structure Produced by Severe Plastic Deformation. Materials Transactions, 2005, 46, 2020-2025.	1.2	102
16	Effect of carbon on cryogenic tensile behavior of CoCrFeMnNi-type high entropy alloys. Journal of Alloys and Compounds, 2019, 811, 152000.	5.5	96
17	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.	5.6	94
18	Precipitation-strengthened refractory Al 0.5 CrNbTi 2 V 0.5 high entropy alloy. Materials Letters, 2017, 188, 162-164.	2.6	94

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19	Loss of coherency of the alpha/beta interface boundary in titanium alloys during deformation. Philosophical Magazine Letters, 2010, 90, 903-914.	1.2	88
20	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.	5.5	84
21	Laser beam welding of a CoCrFeNiMn-type high entropy alloy produced by self-propagating high-temperature synthesis. Intermetallics, 2018, 96, 63-71.	3.9	83
22	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.	5.5	80
23	Friction stir welding of a Ñarbon-doped CoCrFeNiMn high-entropy alloy. Materials Characterization, 2018, 145, 353-361.	4.4	77
24	Microstructure and Mechanical Properties Evolution of the Al, C-Containing CoCrFeNiMn-Type High-Entropy Alloy during Cold Rolling. Materials, 2018, 11, 53.	2.9	75
25	Effect of nitrogen on mechanical properties of CoCrFeMnNi high entropy alloy at room and cryogenic temperatures. Journal of Alloys and Compounds, 2020, 849, 156633.	5.5	71
26	Loss of coherency and interphase Î±/Î² angular deviation from the Burgers orientation relationship in a Tiâ€“6Alâ€“4V alloy compressed at 800ÂºC. Journal of Materials Science, 2013, 48, 1100-1110.	3.7	62
27	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.	5.6	59
28	Structure and high temperature mechanical properties of novel non-equiatomic Fe-(Co,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (M	3.9	56
29	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.	5.5	56
30	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.	5.6	55
31	Microstructure evolution during warm working of Tiâ€“5Alâ€“5Moâ€“5Vâ€“1Crâ€“1Fe at 600 and 800 ÂºC. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2013, 563, 168-176.	5.6	53
32	Effect of carbon on recrystallised microstructures and properties of CoCrFeMnNi-type high-entropy alloys. Journal of Alloys and Compounds, 2021, 851, 156839.	5.5	53
33	Influence of deformation on the Burgers orientation relationship between the Î± and Î² phases in Tiâ€“5Alâ€“5Moâ€“5Vâ€“1Crâ€“1Fe. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 645, 292-297.	5.6	52
34	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.	5.6	52
35	Deformation behavior and microstructure evolution of a Ti/TiB metal-matrix composite during high-temperature compression tests. Materials and Design, 2016, 112, 17-26.	7.0	47
36	Plastic deformation of solid-solution strengthened Hf-Nb-Ta-Ti-Zr body-centered cubic medium/high-entropy alloys. Scripta Materialia, 2021, 200, 113927.	5.2	43

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37	Changes in misorientations of grain boundaries in titanium during deformation. Materials Characterization, 2010, 61, 732-739.	4.4	41
38	Effect of hydrostatic extrusion at 600â€“700Â°C on the structure and properties of Tiâ€“6Alâ€“4V alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 485, 39-45.	5.6	39
39	Hot deformation behavior and processing maps of B and Gd containing Î²-solidified TiAl based alloy. Intermetallics, 2018, 94, 138-151.	3.9	37
40	Microstructure evolution of a novel low-density Tiâ€“Crâ€“Nbâ€“V refractory high entropy alloy during cold rolling and subsequent annealing. Materials Characterization, 2019, 158, 109980.	4.4	37
41	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.	8.8	37
42	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.	5.6	36
43	Grain-structure development in heavily cold-rolled alpha-titanium. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2014, 607, 145-154.	5.6	35
44	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	35
45	Design and characterization of eutectic refractory high entropy alloys. Materialia, 2021, 16, 101057.	2.7	35
46	Effect of equal channel angular pressing on grain refinement and texture evolution in a biomedical alloy Ti13Nb13Zr. Materials Characterization, 2013, 82, 73-85.	4.4	34
47	Strengthening of a Tiâ€“6Alâ€“4V titanium alloy by means of hydrostatic extrusion and other methods. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2009, 515, 43-48.	5.6	33
48	Orientation relationship in a Ti/TiB metal-matrix composite. Materials Letters, 2017, 186, 168-170.	2.6	33
49	Oxidation Behavior of Refractory AlNbTiVZr0.25 High-Entropy Alloy. Materials, 2018, 11, 2526.	2.9	32
50	Mechanical behavior and thermal activation analysis of HfNbTaTiZr body-centered cubic high-entropy alloy during tensile deformation at 77ÂK. Scripta Materialia, 2020, 188, 118-123.	5.2	32
51	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.	3.8	31
52	Effect of severe plastic deformation on creep behaviour of a Tiâ€“6Alâ€“4V alloy. Journal of Materials Science, 2013, 48, 4789-4795.	3.7	30
53	Gum-like mechanical behavior of a partially ordered Al5Nb24Ti40V5Zr26 high entropy alloy. Intermetallics, 2020, 116, 106652.	3.9	30
54	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.	5.5	30

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55	Formation of submicrocrystalline structure in titanium and titanium alloys and their mechanical properties. Metal Science and Heat Treatment, 2006, 48, 63-69.	0.6	29
56	Exceptionally high strain-hardening and ductility due to transformation induced plasticity effect in Ti-rich high-entropy alloys. Scientific Reports, 2020, 10, 13293.	3.3	29
57	Structure and mechanical properties of an in situ refractory Al20Cr10Nb15Ti20V25Zr10 high entropy alloy composite. Materials Letters, 2020, 264, 127372.	2.6	29
58	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.	5.6	29
59	Structure and properties of hydrostatically extruded commercially pure titanium. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 527, 5596-5603.	5.6	28
60	Brittle-to-ductile transition in a Tiâ€“TiB metal-matrix composite. Materials Letters, 2017, 187, 28-31.	2.6	27
61	Influence of carbon on the mechanical behavior and microstructure evolution of CoCrFeMnNi processed by high pressure torsion. Materialia, 2021, 16, 101059.	2.7	27
62	Microstructure and texture evolution of a high manganese TWIP steel during cryo-rolling. Materials Characterization, 2017, 132, 20-30.	4.4	26
63	Microstructure and Mechanical Properties Evolution in HfNbTaTiZr Refractory Highâ€Entropy Alloy During Cold Rolling. Advanced Engineering Materials, 2020, 22, 2000105.	3.5	26
64	Refractory high entropy alloy with ductile intermetallic B2 matrix / hard bcc particles and exceptional strain hardening capacity. Materialia, 2021, 20, 101225.	2.7	26
65	On the relationship between microstructure and residual stress in laser-shock-peened Ti-6Al-4V. Journal of Alloys and Compounds, 2022, 900, 163383.	5.5	26
66	Microband-induced plasticity in a Ti-rich high-entropy alloy. Journal of Alloys and Compounds, 2020, 842, 155868.	5.5	24
67	Microstructure evolution of commercial-purity titanium during cryorolling. Physics of Metals and Metallography, 2015, 116, 182-188.	1.0	23
68	Cross-kink unpinning controls the medium- to high-temperature strength of body-centered cubic NbTiZr medium-entropy alloy. Scripta Materialia, 2022, 209, 114367.	5.2	23
69	Laser Beam Welding of a Low Density Refractory High Entropy Alloy. Metals, 2019, 9, 1351.	2.3	22
70	Mechanical Behavior and Microstructure Evolution of a Ti-15Mo/TiB Titaniumâ€“Matrix Composite during Hot Deformation. Metals, 2019, 9, 1175.	2.3	22
71	Effect of Hot Rolling on the Microstructure and Mechanical Properties of a Ti-15Mo/TiB Metal-Matrix Composite. Metals, 2020, 10, 40.	2.3	22
72	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.	2.2	21

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73	Grain Refinement Kinetics in a Low Alloyed Cuâ€“Crâ€“Zr Alloy Subjected to Large Strain Deformation. Materials, 2017, 10, 1394.	2.9	21
74	Creep behavior of an AlTiVNbZr0.25 high entropy alloy at 1073ÂK. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 783, 139291.	5.6	21
75	Effect of High-Pressure Torsion on Structure and Properties of Ti-15Mo/TiB Metal-Matrix Composite. Materials, 2018, 11, 2426.	2.9	20
76	Unique precipitations in a novel refractory Nb-Mo-Ti-Co high-entropy superalloy. Materials Research Letters, 2022, 10, 78-87.	8.7	20
77	Creep study of mechanisms involved in low-temperature superplasticity of UFG Ti-6Al-4V processed by SPD. Materials Characterization, 2016, 116, 84-90.	4.4	19
78	Mechanisms of the Reverse Martensite-to-Austenite Transformation in a Metastable Austenitic Stainless Steel. Metals, 2021, 11, 599.	2.3	18
79	Excellent strength-toughness synergy in metastable austenitic stainless steel due to gradient structure formation. Materials Letters, 2021, 303, 130585.	2.6	17
80	Formation of Submicrocrystalline Structure in Titanium and its Alloy under Severe Plastic Deformation. Defect and Diffusion Forum, 2002, 208-209, 237-240.	0.4	16
81	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.	5.6	16
82	Outstanding cryogenic strength-ductility properties of a cold-rolled medium-entropy TRIP Fe65(CoNi)25Cr9Â·5C0.5 alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2022, 836, 142720.	5.6	16
83	Oxidation behaviour of eutectic refractory high-entropy alloys at 800â€“1000ÂÂ°C. Corrosion Science, 2022, 205, 110464.	6.6	16
84	Effect of High-Pressure Torsion on Structure and Microhardness of Ti/TiB Metalâ€“Matrix Composite. Metals, 2017, 7, 507.	2.3	14
85	Oxidation resistance and thermal stability of a Î²-solidified Î³-TiAl based alloy after nitrogen ion implantation. Corrosion Science, 2020, 177, 109003.	6.6	14
86	Laser Beam Welding of a Ti-15Mo/TiB Metalâ€“Matrix Composite. Metals, 2021, 11, 506.	2.3	14
87	Machine Learning-Based Strength Prediction for Refractory High-Entropy Alloys of the Al-Cr-Nb-Ti-V-Zr System. Materials, 2021, 14, 7213.	2.9	14
88	Structure and Properties of High-Entropy Nitride Coatings. Metals, 2022, 12, 847.	2.3	13
89	Low Temperature Superplasticity of Ti-6Al-4V Processed by Warm Multidirectional Forging. Materials Science Forum, 0, 735, 253-258.	0.3	12
90	Prediction of strength characteristics of high-entropy alloys Al-Cr-Nb-Ti-V-Zr systems. Materials Today: Proceedings, 2021, 38, 1535-1540.	1.8	12

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91	Development of aluminum (Al5083)-clad ternary Agâ€“Inâ€“Cd alloy for JSNS decoupled moderator. Journal of Nuclear Materials, 2006, 356, 300-307.	2.7	11
92	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.	3.9	11
93	The effect of Gd addition on the kinetics of Î±2â†'Î³ transformation in Î³-TiAl based alloys. Intermetallics, 2020, 120, 106759.	3.9	10
94	Friction Stir Welding of a TRIP Fe49Mn30Cr10Co10C1 High Entropy Alloy. Metals, 2021, 11, 66.	2.3	10
95	Mechanical Properties of Tiâ€“6Alâ€“4V Titanium Alloy with Submicrocrystalline Structure Produced by Multiaxial Forging. Materials Science Forum, 0, 584-586, 783-788.	0.3	9
96	The grain-refinement mechanism during heavy cold-rolling of commercial-purity titanium. Journal of Alloys and Compounds, 2022, 895, 162689.	5.5	9
97	On the yield stress anomaly in a B2-ordered refractory AlNbTiVZr0.25 high-entropy alloy. Materials Letters, 2022, 311, 131584.	2.6	9
98	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	8
99	Dependence of the specific energy of the Î²/Î± interface in the VT6 titanium alloy on the heating temperature in the interval 600â€“975Â°C. Journal of Experimental and Theoretical Physics, 2016, 122, 705-715.	0.9	8
100	Production, Properties and Application of Ultrafine-Grained Titanium Alloys. Materials Science Forum, 2016, 838-839, 294-301.	0.3	8
101	Use of Novel Welding Technologies for High-Entropy Alloys Joining. Materials Science Forum, 0, 941, 919-924.	0.3	8
102	Effect of Multiaxial Forging on Structure Evolution and Mechanical Properties of Oxygen Free Copper. Materials Science Forum, 2010, 667-669, 289-294.	0.3	7
103	Ultrafine-grained structure formation in Ti-6Al-4V alloy via warm swaging. IOP Conference Series: Materials Science and Engineering, 2014, 63, 012070.	0.6	7
104	Development of Submicrocrystalline Titanium Alloys Using "abc" Isothermal Forging. Materials Science Forum, 2004, 447-448, 459-464.	0.3	6
105	Mechanical Properties of Ultrafine Grained Two-Phase Titanium Alloy Produced by â€œabcâ€•Deformation. Materials Science Forum, 0, 706-709, 1859-1863.	0.3	6
106	Twinning induced nanostructure formation during cryo-deformation. IOP Conference Series: Materials Science and Engineering, 2014, 63, 012157.	0.6	6
107	Aging behavior of two refractory Ti-Nb-(Hf, Zr)-Al high entropy alloys. Journal of Alloys and Compounds, 2021, 889, 161586.	5.5	6
108	Influence of Reversible Hydrogen Alloying on Formation of SMC Structure and Superplasticity of Titanium Alloys. Materials Science Forum, 2001, 357-359, 315-320.	0.3	5

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109	Mechanical Behaviour and Microstructure Evolution of Severely Deformed Two-Phase Titanium Alloys. Materials Science Forum, 0, 584-586, 771-776.	0.3	5
110	Wear resistance of Ti/TiB composites produced by spark plasma sintering. AIP Conference Proceedings, 2017, , .	0.4	5
111	Microstructure Evolution and Properties of Ti-6Al-4V Alloy Doped with Fe and Mo during Deformation at 800Â°C. Defect and Diffusion Forum, 0, 385, 144-149.	0.4	5
112	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.	5.6	5
113	Advanced mechanical properties. , 2019, , 103-121.		4
114	The Effect of LSP on the Structure Evolution and Self-Heating of ARMCO Iron under Cyclic Loading. Metals, 2021, 11, 1198.	2.3	4
115	Submicrocrystalline Structure Formation in Ti and Ti-64 Alloy by Warm â€œabcâ€•Deformation. Materials Science Forum, 2007, 551-552, 183-188.	0.3	3
116	Erosion damage of laser alloyed stainless steel in mercury. Surface and Coatings Technology, 2007, 201, 6035-6043.	4.8	3
117	Microstructure Refinement in the CoCrFeNiMn High Entropy Alloy under Plastic Straining. Materials Science Forum, 0, 879, 1853-1858.	0.3	3
118	Strengthening of a CoCrFeNiMn-Type High Entropy Alloy by Regular Arrays of Nanoprecipitates. Materials Science Forum, 2018, 941, 772-777.	0.3	3
119	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	3
120	Effect of carbon content on cryogenic mechanical properties of CoCrFeMnNi high entropy alloy. IOP Conference Series: Materials Science and Engineering, 2021, 1014, 012050.	0.6	3
121	Effect of Interstitial Elements on the Cryogenic Mechanical Behavior of FCC High Entropy Alloys. Materials Science Forum, 0, 1016, 1386-1391.	0.3	3
122	Structure and Properties of Ti/TiB Metal-Matrix Composite after Isothermal Multiaxial Forging. Acta Physica Polonica A, 2018, 134, 695-698.	0.5	3
123	The unusual character of microstructure evolution during â€œabcâ€•deformation of commercial-purity titanium. Journal of Alloys and Compounds, 2022, 913, 165281.	5.5	3
124	Production of Nanostructure in Titanium by Cold Rolling. Materials Science Forum, 0, 584-586, 759-764.	0.3	2
125	Effect of friction stir welding on the structure and mechanical properties of the CoCrFeNiMn-0.9%C alloy. AIP Conference Proceedings, 2019, , .	0.4	2
126	Precipitation-hardened refractoryTi-Nb-Hf-Al-Ta high-entropy alloys. IOP Conference Series: Materials Science and Engineering, 2021, 1014, 012041.	0.6	2

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127	Evolution of microstructure and mechanical properties of Ti-based metal-matrix composites during hot deformation. MATEC Web of Conferences, 2020, 321, 12016.	0.2	2
128	Laser Surface Alloying of SUS316 Stainless Steel with Al-Si (Effect of Substrate Temperature on) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70 Material Engineering, 2005, 48, 292-298.	0.4	1
129	Twinning-Induced Formation of Nanostructure in Commercial-Purity Titanium. Materials Science Forum, 0, 783-786, 2732-2737.	0.3	1
130	Kinetics of Microstructure Refinement in Titanium Alloys during Deformation. Materials Science Forum, 2016, 879, 2280-2285.	0.3	1
131	Superplastic Behavior of B- and Gd-Containing Î²-Solidifying TiAl Based Alloy. Defect and Diffusion Forum, 0, 385, 131-136.	0.4	1
132	Corrosion properties of a Ti-15Mo/TiB composite produced by spark plasma sintering. AIP Conference Proceedings, 2019, , .	0.4	1
133	Production of bulk nanocrystalline mill products by conventional metalforming methods. , 2019, , 71-100.		1
134	Mechanisms of Grain Structure Evolution in a Quenched Medium Carbon Steel during Warm Deformation. Crystals, 2020, 10, 554.	2.2	1
135	Efficiency of Microstructure Refinement in Ti-Based Alloys. Materials Science Forum, 0, 1016, 1753-1758.	0.3	1
136	B2 precipitates formation in Al-containing CoCrFeMnNi-type high entropy alloy. IOP Conference Series: Materials Science and Engineering, 2021, 1014, 012018.	0.6	1
137	Formation of Submicrocrystalline Structure in Large Size Billets and Sheets out of Titanium Alloys. , 2004, , 401-412.		1
138	Hot Deformation Behavior of Î²-Solidifying TiAl Based Alloy. Acta Physica Polonica A, 2018, 134, 675-677.	0.5	1
139	316 Erosion Damage of Laser Alloyed Stainless Steel in Mercury. The Proceedings of Ibaraki District Conference, 2005, 2005, 73-74.	0.0	0
140	Mechanisms of Microstructure Refinement in Titanium during â€œabcâ€•Deformation at 400Â°C. Materials Science Forum, 2010, 667-669, 439-444.	0.3	0
141	Globularization of Two-Phase Titanium Alloy during Deformation at 600 and 800Â°C. Materials Science Forum, 0, 715-716, 854-859.	0.3	0
142	Design of High-Entropy Alloys. Metals, 2022, 12, 1003.	2.3	0