Kee Ahn Lee

List of Publications by Year
in descending order

143 papers	2,254 citations	279798 23 h-index	276875 41 g-index
145 all docs	145 docs citations	145 times ranked	1518 citing authors

#	Article	IF	Citations
1	Effect of carrier gas species on the microstructure and compressive deformation behaviors of ultra-strong pure copper manufactured by cold spray additive manufacturing. Journal of Materials Science and Technology, 2022, 97, 264-271.	10.7	13
2	1.45ÂGPa ultrastrong cryogenic strength with superior impact toughness in the in-situ nano oxide reinforced CrMnFeCoNi high-entropy alloy matrix nanocomposite manufactured by laser powder bed fusion. Journal of Materials Science and Technology, 2022, 97, 10-19.	10.7	43
3	Analysis of antioxidation behavior of cryo-milled oxide-dispersion-strengthened ferritic steel incorporated with formation of Yâ€“Tiâ€“O(N) nano-precipitates. Acta Materialia, 2022, 225, 117589.	7.9	2
4	Stabilized sub-grain and nano carbides-driven 1.2 GPa grade ultra-strong CrMnFeCoNi high-entropy alloy additively manufactured by laser powder bed fusion. Journal of Materials Science and Technology, 2022, 117, 8-22.	10.7	19
5	Adjusting the Thermomechanical Condition to Change the Microstructure of Câ€“Mn Cold Heading Quality Steel for Rapid Cementite Spheroidization at Subcritical Temperature: Effect of Stored Energy. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2022, 53, 1099-1109.	2.2	1
6	Effect of Preheating Temperature on Microstructural and Mechanical Properties of Inconel 718 Fabricated by Selective Laser Melting. Metals and Materials International, 2022, 28, 2836-2848.	3.4	14
7	The creep and fracture behavior of additively manufactured Inconel 625 and 718. Materials at High Temperatures, 2022, 39, 499-506.	1.0	2
8	Effects of hot isostatic pressing treatment on the microstructure and tensile properties of Ni-based superalloy CM247LC manufactured by selective laser melting. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2022, 841, 143083.	5.6	27
9	Compressive deformation behavior and energy absorption characteristic of additively manufactured sheet CoCrMo triply periodic minimal surface lattices. Journal of Materials Research and Technology, 2022, 18, 171-184.	5.8	14
10	Effect of EMS Process on the Primary Si Refinement, Tensile and Fatigue Properties of Hyper-eutectic Al-15wt.%Si Alloy. Journal of Korean Institute of Metals and Materials, 2022, 60, 360-369.	1.0	2
11	Interstitial carbon content effect on the microstructure and mechanical properties of additively manufactured NiCoCr medium-entropy alloy. Journal of Alloys and Compounds, 2022, 918, 165601.	5.5	4
12	Tuning the Microstructure and Mechanical Properties of Cold Sprayed Equiatomic CoCrFeMnNi High-Entropy Alloy Coating Layer. Metals and Materials International, 2021, 27, 2406-2415.	3.4	30
13	Effect of Ti Addition on the Microstructure and High-Temperature Oxidation Property of AlCoCrFeNi High-Entropy Alloy. Metals and Materials International, 2021, 27, 156-165.	3.4	27
14	Effect of post heat-treatment on the microstructure and high-temperature oxidation behavior of precipitation hardened IN738LC superalloy fabricated by selective laser melting. Journal of Materials Science and Technology, 2021, 76, 95-103.	10.7	25
15	2.47 GPa grade ultra-strong 15Co-12Ni secondary hardening steel with superior ductility and fracture toughness. Journal of Materials Science and Technology, 2021, 66, 36-45.	10.7	22
16	Effect of Postâ€heat Treatment on the Tensile and Cryogenic Impact Toughness Properties of Inconel 718 Manufactured by Selective Laser Melting. Advanced Engineering Materials, 2021, 23, 2001005.	3.5	10
17	Microstructures and corrosion properties of novel Fe46.8-Mo30.6-Cr16.6-C4.3-B1.7 metallic glass coatings manufactured by vacuum plasma spray process. Intermetallics, 2021, 130, 107061.	3.9	17
18	Fabrication and High-Temperature Compressive Behavior of Unique Multi-Sheet Stacked Block Niâ€“Crâ€“Al Metallic Foam. Metals and Materials International, 2021, 27, 1138-1146.	3.4	0

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19	Influence of warm caliber rolling on tensile response and high cycle fatigue behavior of hypereutectoid steel. Journal of Materials Research and Technology, 2021, 10, 205-215.	5.8	4
20	In-situ formed oxide enables extraordinary high-cycle fatigue resistance in additively manufactured CoCrFeMnNi high-entropy alloy. Additive Manufacturing, 2021, 38, 101832.	3.0	16
21	Effect of Cooling Rate on Microstructure and Hardness during Solution Treatment and Aging Process of Ti-6Al-4V Alloy for Aerospace Components. Journal of Materials Engineering and Performance, 2021, 30, 3406-3415.	2.5	8
22	Effect of multiple oxides on the mechanical properties of CoCrFeMnNi high-entropy alloy matrix composites. Powder Metallurgy, 2021, 64, 166-172.	1.7	2
23	Effect of post-treatment on the microstructure and tensile properties of Niâ€“Co-based superalloy manufactured by selective laser melting. Powder Metallurgy, 2021, 64, 206-210.	1.7	0
24	The creep and fracture properties of additively manufactured inconel 625. Materialia, 2021, 15, 101021.	2.7	28
25	In-situ carbide-reinforced CoCrFeMnNi high-entropy alloy matrix nanocomposites manufactured by selective laser melting: Carbon content effects on microstructure, mechanical properties, and deformation mechanism. Composites Part B: Engineering, 2021, 210, 108638.	12.0	54
26	Comparative Study of the Properties of Cu-Cr-Mo System Electrical Contact Material by Sintering and Infiltration Methods. Metals, 2021, 11, 700.	2.3	5
27	Improvement in the Mechanical Properties of Additively Manufactured Niâ€“Coâ€Based Superalloy by Tailoring Microstructures. Advanced Engineering Materials, 2021, 23, 2100136.	3.5	0
28	Effect of direct aging on the microstructure and tensile properties of AlSi10Mg alloy manufactured by selective laser melting process. Materials Characterization, 2021, 176, 111113.	4.4	79
29	Influence of heat treatment on the high-cycle fatigue properties and fatigue damage mechanism of selective laser melted AlSi10Mg alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 819, 141486.	5.6	37
30	Influence of Sc Microalloying on the Microstructure of Al5083 Alloy and Its Strengthening Effect. Metals, 2021, 11, 1120.	2.3	0
31	Effect of unit cell topology on the tensile loading responses of additive manufactured CoCrMo triply periodic minimal surface sheet lattices. Materials and Design, 2021, 206, 109778.	7.0	31
32	A New Approach for Manufacturing Stochastic Pure Magnesium Foam by Laser Powder Bed Fusion: Fabrication, Geometrical Characteristics, and Compressive Mechanical Properties. Advanced Engineering Materials, 2021, 23, 2100483.	3.5	7
33	Direct energy deposition of ultrastrong WC-12Co cemented carbide: Fabrication, microstructure and compressive properties. International Journal of Refractory Metals and Hard Materials, 2021, 99, 105591.	3.8	13
34	Direct energy deposition of high strength austenitic stainless steel matrix nanocomposite with superior ductility: Microstructure, tensile properties, and deformation behavior. Materials Characterization, 2021, 179, 111358.	4.4	9
35	Improved mechanical and thermophysical properties of additively manufactured Cu-Ni-Sn-P alloy by using aging treatment. Journal of Alloys and Compounds, 2021, 875, 160050.	5.5	9
36	Selective laser melted CrMnFeCoNi + 3Âwt% Y2O3 high-entropy alloy matrix nanocomposite: Fabrication, microstructure and nanoindentation properties. Intermetallics, 2021, 138, 107319.	3.9	10

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37	Effect on microstructural and mechanical properties of Inconel 718 superalloy fabricated by selective laser melting with rescanning by low energy density. Journal of Materials Research and Technology, 2021, 10, 785-796.	5.8	17
38	Microstructure and mechanical properties of carbon-bearing ultrahigh-strength high Co-Ni Steel (AerMet 340) fabricated via laser powder bed fusion. Materialia, 2021, 20, 101244.	2.7	3
39	Effects of different HVOF thermal sprayed cermet coatings on tensile and fatigue properties of AISI 1045 steel. Journal of Materials Research and Technology, 2021, 15, 6647-6658.	5.8	15
40	Microstructure and Wear Properties of Al 7075 Alloy Manufactured by Twin-Roll Strip Casting Process. Journal of Korean Institute of Metals and Materials, 2021, 59, 870-879.	1.0	1
41	The Creep Behavior of Additively Manufactured Inconel 625. Advanced Engineering Materials, 2020, 22, 1900543.	3.5	25
42	Room temperature impactâ€induced deposition of pure SiC coating layer by vacuum kinetic spraying. Journal of the American Ceramic Society, 2020, 103, 54-59.	3.8	4
43	NbMoTaW refractory high entropy alloy composites strengthened by in-situ metal-non-metal compounds. Journal of Alloys and Compounds, 2020, 822, 153423.	5.5	34
44	Compressive creep behavior of selective laser melted CoCrFeMnNi high-entropy alloy strengthened by in-situ formation of nano-oxides. Additive Manufacturing, 2020, 36, 101543.	3.0	11
45	Microstructure, tensile and fatigue properties of high strength Al 7075 alloy manufactured via twin-roll strip casting. Journal of Materials Research and Technology, 2020, 9, 9941-9950.	5.8	25
46	Effect of gaseous hydrogen embrittlement on the mechanical properties of additively manufactured CrMnFeCoNi high-entropy alloy strengthened by in-situ formed oxide. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 796, 140039.	5.6	22
47	Hot-Rolling and a Subsequent Direct-Quenching Process Enable Superior High-Cycle Fatigue Resistance in Ultra-High Strength Low Alloy Steels. Materials, 2020, 13, 4651.	2.9	1
48	Effect of building direction on the mechanical anisotropy of biocompatible Coâ€“Crâ€“Mo alloy manufactured by selective laser melting process. Journal of Alloys and Compounds, 2020, 834, 155055.	5.5	38
49	Superior Temperature-Dependent Mechanical Properties and Deformation Behavior of Equiatomic CoCrFeMnNi High-Entropy Alloy Additively Manufactured by Selective Laser Melting. Scientific Reports, 2020, 10, 8045.	3.3	37
50	Fabrication and Mechanical Properties of Openâ€Cell Austenitic Stainless Steel Foam by Electrostatic Powder Spraying Process. Advanced Engineering Materials, 2020, 22, 1901566.	3.5	3
51	High-temperature tensile and high cycle fatigue properties of inconel 625 alloy manufactured by laser powder bed fusion. Additive Manufacturing, 2020, 35, 101377.	3.0	13
52	Elevated temperature compressive deformation behaviors of Î³-TiAl-based Tiâ€“48Alâ€“2Crâ€“2Nb alloy additively manufactured by electron beam melting. Intermetallics, 2020, 124, 106859.	3.9	35
53	Effect of post-heat treatment on the thermophysical and compressive mechanical properties of Cu-Ni-Sn alloy manufactured by selective laser melting. Materials Characterization, 2020, 162, 110194.	4.4	15
54	Enhancing the creep resistance of electron beam melted gamma Tiâ€“48Alâ€“2Crâ€“2Nb alloy by using two-step heat treatment. Intermetallics, 2020, 121, 106771.	3.9	34

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55	Fabrication, microstructure and wear properties of novel Fe-Mo-Cr-C-B metallic glass coating layers manufactured by various thermal spray processes. Materials and Design, 2020, 195, 109043.	7.0	23
56	Tensile and Compressive Deformation Behaviors of High-Strength Cu Bulk Material Manufactured by Cold Spray. Journal of Korean Institute of Metals and Materials, 2020, 58, 759-767.	1.0	1
57	Effect of Strain Rate and Loading Direction on the Mechanical Properties of Ni-Cr-Al Superalloy Foam Fabricated by Powder Alloying Method. Journal of Korean Institute of Metals and Materials, 2020, 58, 375-382.	1.0	1
58	Asymmetry in the Mechanical Properties of Block Ni-Cr-Al Superalloy Foam Fabricated by the Combination of Powder Alloying and Hot Rolling Processes. Journal of Korean Institute of Metals and Materials, 2020, 58, 103-111.	1.0	0
59	Effect of Post Heat-Treatment on the Microstructure, Tensile and Fatigue Properties of Al 3003 Alloy Manufactured by Strip Casting Process. Journal of Korean Institute of Metals and Materials, 2020, 58, 151-161.	1.0	4
60	Novel TiB2-reinforced 316L stainless steel nanocomposites with excellent room- and high-temperature yield strength developed by additive manufacturing. Composites Part B: Engineering, 2019, 156, 51-63.	12.0	185
61	Effect of post-treatment on the microstructure and high-temperature oxidation behaviour of additively manufactured inconel 718 alloy. Corrosion Science, 2019, 158, 108082.	6.6	67
62	Selective laser melted equiatomic CoCrFeMnNi high-entropy alloy: Microstructure, anisotropic mechanical response, and multiple strengthening mechanism. Journal of Alloys and Compounds, 2019, 805, 680-691.	5.5	124
63	Selective laser melting of TiC reinforced stainless steel nanocomposites: Mechanical behaviour at elevated temperatures. Materials Letters, 2019, 256, 126633.	2.6	11
64	High-temperature creep behavior of gamma Ti-48Al-2Cr-2Nb alloy additively manufactured by electron beam melting. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 763, 138138.	5.6	35
65	Effect of Strain Rate on the Microstructure Evolution and Compressive Deformation Behavior of High-Strength Cu Bulk Material Manufactured by Cold Spray Process. Journal of Thermal Spray Technology, 2019, 28, 917-929.	3.1	5
66	High-cycle fatigue and tensile deformation behaviors of coarse-grained equiatomic CoCrFeMnNi high entropy alloy and unexpected hardening behavior during cyclic loading. Intermetallics, 2019, 111, 106486.	3.9	70
67	Anisotropy of Compressive Deformation Behavior in Cold Sprayed Cu Bulk Material. Journal of Nanoscience and Nanotechnology, 2019, 19, 3935-3942.	0.9	4
68	Room Temperature Compressive Property and Deformation Behavior of Microporous STS 316L Stainless Steel Tube Manufactured with Powder Sintering Process. Journal of Nanoscience and Nanotechnology, 2019, 19, 4015-4019.	0.9	0
69	Manufacturing of Large-Scale Cold-Sprayed Ta Target Material and Its Sputtering Property. Journal of Thermal Spray Technology, 2019, 28, 1974-1982.	3.1	2
70	Effect of Cr Electroplating Layer Thickness on the Tensile and High Cycle Fatigue Properties of AISI 1045 Steel. Journal of Korean Institute of Metals and Materials, 2019, 57, 138-145.	1.0	3
71	High temperature oxidation behavior of Cr-Mn-Fe-Co-Ni high entropy alloy. Intermetallics, 2018, 98, 45-53.	3.9	120
72	Microstructure, Tensile and Fatigue Properties of Alâ€“5Âwt.%Mg Alloy Manufactured by Twin Roll Strip Casting. Metals and Materials International, 2018, 24, 992-1001.	3.4	9

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73	Microstructure and High Temperature Mechanical Property of Feâ€“Crâ€“B Based Metal/Ceramic Composite Manufactured by Metal Injection Molding Process. Metals and Materials International, 2018, 24, 381-389.	3.4	3
74	Improvement in the high-temperature creep properties via heat treatment of Ti-6Al-4V alloy manufactured by selective laser melting. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 715, 33-40.	5.6	48
75	Prediction of hole expansion ratio for various steel sheets based on uniaxial tensile properties. Metals and Materials International, 2018, 24, 187-194.	3.4	19
76	Microstructure and High Temperature Oxidation Property of Feâ€“Crâ€“B Based Metal/Ceramic Composite Manufactured by Powder Injection Molding Process. Metals and Materials International, 2018, 24, 371-379.	3.4	5
77	Effects of Heat Treatment on the Microstructures and High Temperature Mechanical Properties of Hypereutectic Alâ€“14Siâ€“Cuâ€“Mg Alloy Manufactured by Liquid Phase Sintering Process. Metals and Materials International, 2018, 24, 586-596.	3.4	11
78	Strengthening of stainless steel by titanium carbide addition and grain refinement during selective laser melting. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 712, 812-818.	5.6	149
79	Microstructure and Mechanical Anisotropy of Niâ€“Moâ€“Cr-Based Alloy Manufactured by Laser Metal Deposition. Materials Transactions, 2018, 59, 1817-1822.	1.2	2
80	Effect of Stress Relieving Heat Treatment on the Microstructure and High-Temperature Compressive Deformation Behavior of Ti-6Al-4V Alloy Manufactured by Selective Laser Melting. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2018, 49, 5763-5774.	2.2	14
81	Effect of Heat Treatment on the Microstructure and Mechanical Properties of W-7Ni-3Fe Tungsten Heavy Alloy Manufactured by Metal Injection Molding Process. Journal of Korean Institute of Metals and Materials, 2018, 56, 727-733.	1.0	1
82	Microstructural and Wear Properties of WC-based and Cr₃C₂-based Cermet Coating Materials Manufactured with High Velocity Oxygen Fuel Process. Journal of Korean Powder Metallurgy Institute, 2018, 25, 408-414.	0.3	2
83	Effect of heat treatment on tensile and fatigue deformation behavior of extruded Al-12 wt%Si alloy. Metals and Materials International, 2017, 23, 35-42.	3.4	12
84	Microstructure and Room Temperature Compressive Deformation Behavior of Cold-Sprayed High-Strength Cu Bulk Material. Journal of Thermal Spray Technology, 2017, 26, 1498-1508.	3.1	9
85	Effect of Heat Treatment on Tensile and Fatigue Properties of Al 3527 K Alloy Manufactured by Strip Casting. Materials Transactions, 2016, 57, 78-83.	1.2	5
86	Effect of cryomilling on the high temperature creep properties of oxide dispersion strengthened steels. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 676, 209-215.	5.6	6
87	Effect of powder alloy composition on the microstructure and properties of kinetic sprayed Cu-Ga based coating materials. Metals and Materials International, 2016, 22, 649-657.	3.4	1
88	Effect of Heat Treatment on Microstructures and Mechanical Properties of Severe Plastically Deformed Hypo- and Hyper-Eutectoid Steels by Caliber Rolling Process. Journal of Nanoscience and Nanotechnology, 2016, 16, 1902-1906.	0.9	1
89	Fabrication and Microstructure/Properties of Bulk-typeTantalum Material by a Kinetic Spray Process. Journal of Korean Powder Metallurgy Institute, 2016, 23, 8-14.	0.3	3
90	Manufacturing And High Temperature Oxidation Properties Of Electro-Sprayed Fe-24.5% Cr-5%Al Powder Porous Metal. Archives of Metallurgy and Materials, 2015, 60, 1169-1173.	0.6	1

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91	Effect of Intermediate Heat Treatment on the Mechanical Properties of 3003/4343 Aluminum Clad Sheet Manufactured by Strip Casting/Clad Rolling. Materials Transactions, 2015, 56, 242-248.	1.2	3
92	Effect of Stain Rate on Microstructure Evolution and Compressive Deformation Behavior of High-Strength Aluminum Coating Materials Fabricated by the Kinetic Spray Process. Materials Transactions, 2015, 56, 605-609.	1.2	2
93	Effects of cryomilling on the microstructures and high temperature mechanical properties of oxide dispersion strengthened steel. Journal of Nuclear Materials, 2015, 459, 205-216.	2.7	22
94	High-temperature, low-cycle fatigue behavior of an Al-Mg-Si based heat-resistant aluminum alloy. Metals and Materials International, 2015, 21, 1000-1005.	3.4	9
95	Effect of heat treatment (T5, T6) on the tensile and fatigue properties of Al 7003 alloy. Journal of Korean Institute of Metals and Materials, 2015, 53, 169-176.	1.0	10
96	Effects of Cold Working and Heat Treatment on the Thermal Expansion Property of Fe-29%Ni-17%Co Low Thermal Expansion Alloy. Journal of Korean Institute of Metals and Materials, 2015, 53, 66-74.	1.0	0
97	Effect of Heat Treatment on the Tensile and High-Cycle Fatigue Properties of A356 Casting Alloy. Journal of Korean Institute of Metals and Materials, 2015, 48, 96-103.	1.0	1
98	High temperature oxidation behavior of Ni-Cr-Al based powder porous metal. Metals and Materials International, 2014, 20, 915-921.	3.4	15
99	The Effect of Annealing Heat Treatment on the Microstructure and Macroscopic Properties of Kinetic-Sprayed Ta Coating Layer. Advanced Materials Research, 2014, 893, 64-68.	0.3	1
100	Microstructure and Plastic Deformation Behavior of Modified AA7075-T6 Aluminum Alloy. Advanced Materials Research, 2014, 893, 424-429.	0.3	1
101	Bonding, Reactivity, and Mechanical Properties of the Kinetic-Sprayed Deposition of Al for a Thermally Activated Reactive Cu Liner. Journal of Thermal Spray Technology, 2014, 23, 818-826.	3.1	19
102	High temperature high cycle fatigue behavior of new aluminum alloy strengthened by (Co, Ni)3Al4 particles. Metals and Materials International, 2014, 20, 243-248.	3.4	11
103	Effect of the pore size on the creep deformation behavior of Ni-Fe-Cr-Al porous metal. Metals and Materials International, 2014, 20, 507-513.	3.4	7
104	Effect of Powder Preheating Temperature on the Properties of Titanium Coating Layers Manufactured by Kinetic Spraying. Materials Transactions, 2014, 55, 622-628.	1.2	7
105	High Cycle Fatigue and Fatigue Crack Propagation Behaviors of Modified A7075-T73 Alloy. Journal of Korean Institute of Metals and Materials, 2014, 52, 283-291.	1.0	5
106	High Temperature Mechanical Properties of IN 713C Alloy Fabricated by Metal Injection Molding Process. Journal of Korean Institute of Metals and Materials, 2014, 52, 327-334.	1.0	6
107	Effect of Cell Size on the High Temperature Oxidation Properties of Fe-Cr-Al Powder Porous Metal Manufactured by Electro-spray Process. Journal of Korean Powder Metallurgy Institute, 2014, 21, 55-61.	0.3	3
108	Manufacturing of Cu Repair Coating Material Using the Kinetic Spray Process and Changes in the Microstructures and Properties by Heat Treatment. Journal of Korean Powder Metallurgy Institute, 2014, 21, 349-354.	0.3	4

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109	Effects of Alpha Phase on the Fatigue Properties of Fe-29%Ni-17%Co Low Thermal Expansion Alloy. Korean Journal of Materials Research, 2014, 24, 481-487.	0.2	0
110	Microstructure and Macroscopic Properties of Kinetic Sprayed Ta Coating Layer. Science of Advanced Materials, 2014, 6, 2217-2222.	0.7	0
111	Manufacturing and Compressive Deformation Behavior of High-Strength Aluminum Coating Material Fabricated by Kinetic Spray Process. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2013, 44, 4876-4879.	2.2	7
112	High Cycle Fatigue Behavior of Eco7075-T73 Aluminum Alloy. Advanced Materials Research, 2013, 690-693, 1775-1778.	0.3	2
113	Effect of Pre-Oxidation on the High Temperature Oxidation Behavior of Fe-Cr-Al Powder Porous Metal. Advanced Materials Research, 2013, 690-693, 294-297.	0.3	0
114	Effects of Carrier Gases on the Microstructures and Properties of Ti Coating Layers Manufactured through the Cold Spraying. Advanced Materials Research, 2013, 690-693, 2116-2119.	0.3	2
115	High Temperature Oxidation of Ni-Fe-Cr-Al Porous Metal. Advanced Engineering Materials, 2013, 15, 170-174.	3.5	5
116	Effect of Various Alloying Elements on the Microstructure and Repeated Deformation Behavior of X60 High Strength Low Alloy Steel. Journal of Korean Institute of Metals and Materials, 2013, 51, 629-636.	1.0	4
117	Manufacturing and Macroscopic Properties of Cold Sprayed Cu-Ga Coating Material for Sputtering Target. Journal of Korean Powder Metallurgy Institute, 2013, 20, 245-252.	0.3	4
118	High Temperature Oxidation Behaviors of Fe-Cr-Al Based Powder Porous Metal and a Strip. Journal of Korean Institute of Metals and Materials, 2013, 51, 743-751.	1.0	5
119	Densification and Purification of Cold Sprayed Ti Coating Layer by Using Annealing in Different Heat Treatment Environments. Advanced Materials Research, 2012, 602-604, 1604-1608.	0.3	7
120	Microstructure and Mechanical Properties of Eco-2024-T3 Aluminum Alloy. Advanced Materials Research, 2012, 602-604, 623-626.	0.3	9
121	Effect of Sintering Temperature on the High Temperature Oxidation of Fe-Cr-Al Powder Porous Metal Manufactured by Electrospray Process. Journal of Korean Powder Metallurgy Institute, 2012, 19, 435-441.	0.3	1
122	High Temperature Tensile Deformation Behavior of New Heat Resistant Aluminum Alloy. Materials Transactions, 2011, 52, 1661-1666.	1.2	7
123	High-temperature oxidation behaviors of Fe-Cr-Al bulk and powder-sintered materials. Metals and Materials International, 2011, 17, 983-992.	3.4	3
124	Continuous strip casting, microstructure and properties of Au-Sn soldering alloy. Metals and Materials International, 2011, 17, 7-14.	3.4	22
125	Manufacture and properties of cold spray deposited large thickness Cu coating material for sputtering target. Metals and Materials International, 2011, 17, 157-166.	3.4	20
126	Effect of pore size on the high temperature oxidation of Ni-Fe-Cr-Al porous metal. Metals and Materials International, 2011, 17, 301-307.	3.4	15

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127	Manufacturing and Macroscopic Properties of Cold Sprayed Cu-In Coating Material for Sputtering Target. Journal of Thermal Spray Technology, 2011, 20, 497-507.	3.1	29
128	High Temperature Tensile Deformation Behavior of New Heat Resistant Aluminum Alloy. Procedia Engineering, 2011, 10, 159-164.	1.2	21
129	Effect of Heat Treatment Environment on the Properties of Cold Sprayed Cu-15 at.%Ga Coating Material for Sputtering Target. Journal of Korean Powder Metallurgy Institute, 2011, 18, 552-561.	0.3	9
130	High-Temperature Oxidation Behavior of Fe-22%Cr-5.8%Al Alloy. Journal of the Korean Institute of Surface Engineering, 2011, 44, 13-20.	0.1	4
131	Effect of Feedstock Powder Characteristic on the Properties of Super-Sonic Flow Deposited Cu Coating Layer. Materials Transactions, 2010, 51, 1460-1466.	1.2	0
132	High Temperature Fatigue Deformation Behavior of Automotive Heat Resistant Aluminum Alloys. Journal of Korean Institute of Metals and Materials, 2010, 48, 28-38.	1.0	5
133	Magnetic properties of amorphous alloy strips fabricated by planar flow casting (PFC). Journal of Physics: Conference Series, 2009, 144, 012069.	0.4	1
134	Study on the fabrication and physical properties of cold-sprayed, Cu-based amorphous coating. Journal of Physics: Conference Series, 2009, 144, 012113.	0.4	9
135	EFFECT OF HIGH TEMPERATURE DEFORMATION ON THE LOW THERMAL EXPANSION BEHAVIOR OF FE-29%NI-17%CO ALLOY. , 2009, , .		2
136	Mechanical properties of Feâ€“Niâ€“Crâ€“Siâ€“B bulk glassy alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 449-451, 181-184.	5.6	21
137	Nd L3-edge x-ray absorption near-edge structure spectroscopy of nanocrystal-dispersed soft-magnetic alloys containing very small amounts of Nd. Metals and Materials International, 2007, 13, 269-273.	3.4	6
138	Refining the formation of nanocrystals in soft magnetic amorphous alloy via EXAFS spectroscopic analyses. Journal of Materials Science, 2006, 41, 5746-5750.	3.7	1
139	Oxidation behaviors of TiAl(La)N coatings deposited by ion plating. Scripta Materialia, 2005, 52, 445-448.	5.2	20
140	An internal variable approach for anomalous yield phenomena of Î²-CuZn alloy. Acta Materialia, 2004, 52, 2913-2922.	7.9	10
141	Manufacturing and High Temperature Mechanical Properties of Inconel 713C by Using Metal Injection Molding. Advanced Materials Research, 0, 602-604, 627-630.	0.3	1
142	Manufacturing and Evaluating for the Two Layer/Explosive Materials and their Numerical Simulations. Materials Science Forum, 0, 767, 52-59.	0.3	2
143	Manufacturing and Macroscopic Properties of Warm Sprayed Cu-36at.%In-15at.%Ga Coating Layer. Key Engineering Materials, 0, 705, 155-160.	0.4	0