

# Pasquale Cavaliere

## List of Publications by Year in descending order

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139  
papers

4,592  
citations

109137

35  
h-index

128067

60  
g-index

142  
all docs

142  
docs citations

142  
times ranked

2689  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cold spray additive manufacturing and repair: Fundamentals and applications. Additive Manufacturing, 2018, 21, 628-650.	1.7	269
2	Influence of shoulder geometry on microstructure and mechanical properties of friction stir welded 6082 aluminium alloy. Materials & Design, 2007, 28, 1124-1129.	5.1	248
3	Mechanical and microstructural behaviour of 2024-7075 aluminium alloy sheets joined by friction stir welding. International Journal of Machine Tools and Manufacture, 2006, 46, 588-594.	6.2	225
4	Effect of welding parameters on mechanical and microstructural properties of dissimilar AA6082-AA2024 joints produced by friction stir welding. Materials & Design, 2009, 30, 609-616.	5.1	198
5	Effect of welding parameters on mechanical and microstructural properties of AA6056 joints produced by Friction Stir Welding. Journal of Materials Processing Technology, 2006, 180, 263-270.	3.1	168
6	Effect of welding parameters on mechanical and microstructural properties of AA6082 joints produced by friction stir welding. Journal of Materials Processing Technology, 2008, 200, 364-372.	3.1	157
7	Fatigue properties and crack behavior of ultra-fine and nanocrystalline pure metals. International Journal of Fatigue, 2009, 31, 1476-1489.	2.8	147
8	2198 Al-Li plates joined by Friction Stir Welding: Mechanical and microstructural behavior. Materials & Design, 2009, 30, 3622-3631.	5.1	139
9	Superplastic behaviour of friction stir processed AZ91 magnesium alloy produced by high pressure die cast. Journal of Materials Processing Technology, 2007, 184, 77-83.	3.1	114
10	Effect of tool position on the fatigue properties of dissimilar 2024-7075 sheets joined by friction stir welding. Journal of Materials Processing Technology, 2008, 206, 249-255.	3.1	94
11	Mechanical properties of Friction Stir Processed 2618/Al <sub>2</sub> O <sub>3</sub> /20p metal matrix composite. Composites Part A: Applied Science and Manufacturing, 2005, 36, 1657-1665.	3.8	92
12	Mechanical response of 2024-7075 aluminium alloys joined by Friction Stir Welding. Journal of Materials Science, 2005, 40, 3669-3676.	1.7	82
13	Friction stir processing of AM60B magnesium alloy sheets. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 462, 393-397.	2.6	81
14	Effects of thermal treatments on microstructure and mechanical properties in a thixocast 319 aluminum alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2000, 284, 254-260.	2.6	76
15	Carbon nanotube reinforced aluminum matrix composites produced by spark plasma sintering. Journal of Materials Science, 2017, 52, 8618-8629.	1.7	73
16	High temperature deformation of friction stir processed 7075 aluminium alloy. Materials Characterization, 2005, 55, 136-142.	1.9	69
17	Friction Stir Welding of Ceramic Particle Reinforced Aluminium Based Metal Matrix Composites. Applied Composite Materials, 2004, 11, 247-258.	1.3	68
18	An analysis of hot formability of the 6061+20% Al <sub>2</sub> O <sub>3</sub> composite by means of different stability criteria. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2002, 327, 144-154.	2.6	66

#	ARTICLE	IF	CITATIONS
19	Hot deformation and processing maps of a particulate-reinforced 6061+20% Al <sub>2</sub> O <sub>3</sub> composite. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2002, 324, 157-161.	2.6	65
20	Fatigue behaviour of friction stir processed AZ91 magnesium alloy produced by high pressure die casting. <i>Materials Characterization</i> , 2007, 58, 226-232.	1.9	59
21	Modeling of the carburizing and nitriding processes. <i>Computational Materials Science</i> , 2009, 46, 26-35.	1.4	55
22	Clean Ironmaking and Steelmaking Processes. , 2019, , .		55
23	Isothermal forging of metal matrix composites: Recrystallization behaviour by means of deformation efficiency. <i>Composites Science and Technology</i> , 2006, 66, 357-362.	3.8	54
24	Crack Repair in Aerospace Aluminum Alloy Panels by Cold Spray. <i>Journal of Thermal Spray Technology</i> , 2017, 26, 661-670.	1.6	52
25	Microstructural and fatigue behavior of cold sprayed Ni-based superalloys coatings. <i>Surface and Coatings Technology</i> , 2017, 324, 390-402.	2.2	51
26	Influence of SiO <sub>2</sub> nanoparticles on the microstructure and mechanical properties of Al matrix nanocomposites fabricated by spark plasma sintering. <i>Composites Part B: Engineering</i> , 2018, 146, 60-68.	5.9	51
27	Effect of cold-rolling on microstructure, texture and mechanical properties of an equiatomic FeCrCuMnNi high entropy alloy. <i>Materialia</i> , 2018, 1, 175-184.	1.3	49
28	Isothermal forging of AA2618 reinforced with 20% of alumina particles. <i>Composites Part A: Applied Science and Manufacturing</i> , 2004, 35, 619-629.	3.8	48
29	Hot deformation and processing maps of a particulate reinforced 2618/Al <sub>2</sub> O <sub>3</sub> /20p metal matrix composite. <i>Composites Science and Technology</i> , 2004, 64, 1287-1291.	3.8	46
30	Effect of anisotropy on fatigue properties of 2198 Al-Li plates joined by friction stir welding. <i>Engineering Failure Analysis</i> , 2009, 16, 1856-1865.	1.8	45
31	Friction Stir Welding of Al Alloys: Analysis of Processing Parameters Affecting Mechanical Behavior. <i>Procedia CIRP</i> , 2013, 11, 139-144.	1.0	44
32	Effect of heat treatments on mechanical properties and damage evolution of thixoformed aluminium alloys. <i>Materials Characterization</i> , 2005, 55, 35-42.	1.9	41
33	Effect of Sc and Zr additions on the microstructure and fatigue properties of AA6106 produced by equal-channel-angular-pressing. <i>Materials Characterization</i> , 2008, 59, 197-203.	1.9	40
34	Hot and warm forming of 2618 aluminium alloy. <i>Journal of Light Metals</i> , 2002, 2, 247-252.	0.8	39
35	Spark Plasma Sintering: Process Fundamentals. , 2019, , 3-20.		38
36	Friction stir processing of spark plasma sintered aluminum matrix composites with bimodal micro- and nano-sized reinforcing Al <sub>2</sub> O <sub>3</sub> particles. <i>Journal of Manufacturing Processes</i> , 2018, 32, 412-424.	2.8	37

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37	Processing conditions affecting residual stresses and fatigue properties of cold spray deposits. International Journal of Advanced Manufacturing Technology, 2015, 81, 1857-1862.	1.5	36
38	Fatigue behaviour of cold sprayed metals and alloys: critical review. Surface Engineering, 2016, 32, 631-640.	1.1	36
39	Thermoelasticity for the evaluation of fatigue behavior of 7005/Al <sub>2</sub> O <sub>3</sub> /10p metal matrix composite sheets joined by FSW. International Journal of Fatigue, 2008, 30, 198-206.	2.8	33
40	Processing parameters affecting cold spray coatings performances. International Journal of Advanced Manufacturing Technology, 2014, 71, 263-277.	1.5	33
41	Effect of Iron content on the microstructure evolution, mechanical properties and wear resistance of FeXCoCrNi high-entropy alloy system produced via MA-SPS. Journal of Alloys and Compounds, 2021, 870, 159410.	2.8	32
42	Effect of friction stir processing on the fatigue properties of a Zr-modified 2014 aluminium alloy. Materials Characterization, 2006, 57, 100-104.	1.9	31
43	Thermoelasticity and CCD analysis of crack propagation in AA6082 friction stir welded joints. International Journal of Fatigue, 2009, 31, 385-392.	2.8	31
44	Hot rolling of MWCNTs reinforced Al matrix composites produced via spark plasma sintering. Advanced Composites and Hybrid Materials, 2019, 2, 549-570.	9.9	31
45	Influence of Al <sub>2</sub> O <sub>3</sub> Nanoparticles on Microstructure and Strengthening Mechanism of Al-Based Nanocomposites Produced via Spark Plasma Sintering. Journal of Materials Engineering and Performance, 2017, 26, 2928-2936.	1.2	29
46	Mechanical and microstructural behavior of nanocomposites produced via cold spray. Composites Part B: Engineering, 2014, 67, 326-331.	5.9	28
47	Friction stir processing of a Zr-modified 2014 aluminium alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 462, 206-210.	2.6	27
48	Microstructural behaviour of spark plasma sintered composites containing bimodal micro- and nano-sized Al <sub>2</sub> O <sub>3</sub> particles. Powder Metallurgy, 2018, 61, 50-63.	0.9	26
49	Modelling of strain rate dependent dislocation behavior of CNT/Al composites based on grain interior/grain boundary affected zone (GI/GBAZ). Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 820, 141547.	2.6	26
50	Microstructural, Mechanical and Wear Behavior of HVOF and Cold-Sprayed High-Entropy Alloys (HEAs) Coatings. Journal of Thermal Spray Technology, 2022, 31, 1184-1206.	1.6	26
51	Crack tip plasticity in plastically graded Ni-W electrodeposited nanocrystalline alloys. Computational Materials Science, 2008, 41, 440-449.	1.4	25
52	Microstructure dependent dislocation density evolution in micro-macro rolled Al <sub>2</sub> O <sub>3</sub> /Al laminated composite. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2022, 830, 142317.	2.6	25
53	Microstructural and mechanical behavior of bimodal reinforced Al-based composites produced by spark plasma sintering and FSP. International Journal of Advanced Manufacturing Technology, 2018, 94, 3903-3916.	1.5	23
54	Effects of Process Control Agent Amount, Milling Time, and Annealing Heat Treatment on the Microstructure of AlCrCuFeNi High-Entropy Alloy Synthesized through Mechanical Alloying. Metals, 2021, 11, 1493.	1.0	23

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55	Strain rate sensitivity of ultra-fine and nanocrystalline metals and alloys. <i>Physica B: Condensed Matter</i> , 2008, 403, 569-575.	1.3	22
56	Hot rolling of spark-plasma-sintered pure aluminium. <i>Powder Metallurgy</i> , 2018, 61, 285-292.	0.9	22
57	Fatigue Bending Behavior of Cold-Sprayed Nickel-Based Superalloy Coatings. <i>Journal of Thermal Spray Technology</i> , 2019, 28, 930-938.	1.6	22
58	Investigation of hardness, wear and magnetic properties of NiCoCrFeZrx HEA prepared through mechanical alloying and spark plasma sintering. <i>Journal of Alloys and Compounds</i> , 2022, 892, 161924.	2.8	22
59	Water Electrolysis for the Production of Hydrogen to Be Employed in the Ironmaking and Steelmaking Industry. <i>Metals</i> , 2021, 11, 1816.	1.0	22
60	Fatigue behaviour of Inconel 625 cold spray coatings. <i>Surface Engineering</i> , 2018, 34, 380-391.	1.1	21
61	Compressive plastic deformation of an AS21X magnesium alloy produced by high pressure die casting at elevated temperatures. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004, 367, 9-16.	2.6	20
62	Isothermal forging modelling of 2618 + 20% Al <sub>2</sub> O <sub>3</sub> p metal matrix composite. <i>Journal of Alloys and Compounds</i> , 2004, 378, 117-122.	2.8	20
63	Reducing emissions of PCDD/F in sintering plant: numerical and experimental analysis. <i>Ironmaking and Steelmaking</i> , 2011, 38, 422-431.	1.1	19
64	Progress of Flake Powder Metallurgy Research. <i>Metals</i> , 2021, 11, 931.	1.0	19
65	Mechanical properties of nanocrystalline metals and alloys studied via multi-step nanoindentation and finite element calculations. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2009, 512, 1-9.	2.6	18
66	Effect of Al <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> and carbon nanotubes on the microstructural and mechanical behavior of spark plasma sintered aluminum based nanocomposites. <i>Particulate Science and Technology</i> , 2020, 38, 7-14.	1.1	18
67	Analysis of dangerous emissions and plant productivity during sintering ore operations. <i>Ironmaking and Steelmaking</i> , 2013, 40, 9-24.	1.1	17
68	Crystallization Evolution of Cold-Sprayed Pure Ni Coatings. <i>Journal of Thermal Spray Technology</i> , 2016, 25, 1158-1167.	1.6	17
69	Microstructural evolution and mechanical properties of AlCrFeNiCoC high entropy alloy produced via spark plasma sintering. <i>Powder Metallurgy</i> , 2019, 62, 61-70.	0.9	17
70	Effect of friction stir processing on mechanical and microstructural properties of AM60B Magnesium alloy. <i>Journal of Materials Science</i> , 2006, 41, 3459-3464.	1.7	16
71	Cyclic deformation of ultra-fine and nanocrystalline metals through nanoindentation: similarities with crack propagation. <i>Procedia Engineering</i> , 2010, 2, 213-222.	1.2	16
72	Powder Properties and Processing Conditions Affecting Cold Spray Deposition. <i>Coatings</i> , 2020, 10, 91.	1.2	16

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73	Hot deformation behaviour of bimodal sized Al <sub>2</sub> O <sub>3</sub> /Al nanocomposites fabricated by spark plasma sintering. <i>Journal of Microscopy</i> , 2021, 281, 28-45.	0.8	16
74	Flow curve prediction of an Al-MMC under hot working conditions using neural networks. <i>Computational Materials Science</i> , 2007, 38, 722-726.	1.4	15
75	Optimization of Blast Furnace Productivity Coupled with CO <sub>2</sub> Emissions Reduction. <i>Steel Research International</i> , 2014, 85, 89-98.	1.0	15
76	Processing Conditions Affecting Grain Size and Mechanical Properties in Nanocomposites Produced via Cold Spray. <i>Journal of Thermal Spray Technology</i> , 2014, 23, 1089-1096.	1.6	14
77	Finite element analyses of pure Ni cold spray particles impact related to coating crack behaviour. <i>Surface Engineering</i> , 2018, 34, 361-368.	1.1	14
78	Influence of zirconium addition on the microstructure, thermodynamic stability, thermal stability and mechanical properties of mechanical alloyed spark plasma sintered (MA-SPS) FeCoCrNi high entropy alloy. <i>Powder Metallurgy</i> , 2018, 61, 405-416.	0.9	14
79	Integration of Open Slag Bath Furnace with Direct Reduction Reactors for New-Generation Steelmaking. <i>Metals</i> , 2022, 12, 203.	1.0	14
80	Architectural design of advanced aluminum matrix composites: a review of recent developments. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2024, 49, 1-71.	6.8	14
81	FEM and multi-objective optimization of steel case hardening. <i>Journal of Manufacturing Processes</i> , 2015, 17, 9-27.	2.8	13
82	Multi-objective optimization of steel nitriding. <i>Engineering Science and Technology, an International Journal</i> , 2016, 19, 292-312.	2.0	13
83	Effect of processing parameters on the microstructural and mechanical properties of aluminum-carbon nanotube composites produced by spark plasma sintering. <i>International Journal of Materials Research</i> , 2018, 109, 900-909.	0.1	13
84	Effect of lead on the crack propagation and the mechanical properties of Brass processed by ECAP at different temperatures. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 728, 231-238.	2.6	13
85	CNTs reinforced Al-based composites produced via modified flake powder metallurgy. <i>Journal of Materials Science</i> , 2022, 57, 2550-2566.	1.7	13
86	Friction stir spot welding of TiO <sub>2</sub> nanoparticle-reinforced interstitial free steel. <i>Journal of Materials Science</i> , 2020, 55, 12458-12475.	1.7	12
87	Effect of minor Sc and Zr addition on the mechanical properties of Friction Stir Processed 2024 Aluminium alloy. <i>Journal of Materials Science</i> , 2006, 41, 4299-4302.	1.7	11
88	Numerical analysis of multipoint CDW welding process on stainless AISI304 steel bars. <i>Computational Materials Science</i> , 2009, 46, 1109-1118.	1.4	11
89	Nanoindentation and scratch behaviour of Ni-P electroless coatings. <i>Tribology - Materials, Surfaces and Interfaces</i> , 2020, 14, 22-32.	0.6	11
90	Friction Stir Welding of Ceramic Particle Reinforced Aluminium Based Metal Matrix Composites. <i>Applied Composite Materials</i> , 2004, 11, 399.	1.3	10

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91	FSW of bimodal reinforced Al-based composites produced via spark plasma sintering. International Journal of Materials Research, 2017, 108, 1045-1054.	0.1	10
92	Electron backscattered diffraction analysis of friction stir processed nanocomposites produced via spark plasma sintering. Journal of Microscopy, 2018, 271, 145-163.	0.8	10
93	Effect of processing parameters on microstructural and mechanical properties of aluminum-SiO <sub>2</sub> nanocomposites produced by spark plasma sintering. International Journal of Materials Research, 2018, 109, 422-430.	0.1	10
94	Direct Reduced Iron: Most Efficient Technologies for Greenhouse Emissions Abatement. , 2019, , 419-484.		10
95	Phase evolution in mechanical alloying and spark plasma sintering of Al <sub>x</sub> CoCrCuFeNi HEAs. Materials Science and Technology, 2020, 36, 604-614.	0.8	10
96	Hydrogen Production as a Clean Energy Carrier through Heterojunction Semiconductors for Environmental Remediation. Energies, 2022, 15, 3222.	1.6	10
97	Hot forming behaviour of Al-Zr-Si metal matrix composite by means of hot torsion tests. Composites Part A: Applied Science and Manufacturing, 2006, 37, 1514-1520.	3.8	9
98	Tribomechanisms of pure electrodeposited Ni at ultra-fine and nanoscale level. Wear, 2010, 268, 1490-1503.	1.5	9
99	Clean Ironmaking and Steelmaking Processes: Efficient Technologies for Greenhouse Emissions Abatement. , 2019, , 1-37.		9
100	Effect of Bimodal Grain Structure on the Microstructural and Mechanical Evolution of Al-Mg/CNTs Composite. Metals, 2021, 11, 1524.	1.0	8
101	Architecture dependent strengthening mechanisms in graphene/Al heterogeneous lamellar composites. Materials Characterization, 2022, 188, 111913.	1.9	8
102	Mechanical and Microstructural Behavior of Cold-Sprayed Titanium- and Nickel-Based Coatings. Journal of Thermal Spray Technology, 2015, 24, 1506-1512.	1.6	7
103	Mechanical properties of cold sprayed titanium and nickel based coatings. Surface Engineering, 2016, 32, 670-676.	1.1	7
104	Steel nitriding optimization through multi-objective and FEM analysis. Journal of Computational Design and Engineering, 2016, 3, 71-90.	1.5	7
105	Effect of the equal channel angular pressing route on the microstructural and mechanical behavior of Al-5086 alloy. Materialia, 2018, 4, 310-322.	1.3	7
106	Wear and Fretting Behavior of Cold Sprayed IN625 Superalloy. Metals, 2021, 11, 49.	1.0	7
107	Mechanical and microstructural behaviour of CMSX-4 Ni-based superalloy joined by capacitor discharge welding. Journal of Materials Processing Technology, 2007, 183, 297-300.	3.1	6
108	Nanoindentation characterization of Al-matrix nanocomposites produced via spark plasma sintering. International Journal of Materials Research, 2018, 109, 50-62.	0.1	6

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109	Corrosion behavior of friction stir processed AISI 430 ferritic stainless steel. <i>Materials Research Express</i> , 2019, 6, 086532.	0.8	6
110	Al-Based Nanocomposites Produced via Spark Plasma Sintering: Effect of Processing Route and Reinforcing Phases. , 2019, , 161-190.		6
111	Microstructure and Mechanical Properties of Nanostructured CoCrFeMoTi High-Entropy Alloy Fabricated by Mechanical Alloying and Spark Plasma Sintering. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 7710-7725.	1.2	6
112	A Quantitative Investigation of Dislocation Density in an Al Matrix Composite Produced by a Combination of Micro-/Macro-Rolling. <i>Journal of Composites Science</i> , 2022, 6, 199.	1.4	6
113	Strengthening of a commercial Al-5754 alloy using equal-channel angular pressing. <i>Journal of Materials Science Letters</i> , 2001, 20, 1601-1603.	0.5	5
114	Cold-Sprayed Nanostructured Pure Cobalt Coatings. <i>Journal of Thermal Spray Technology</i> , 2016, 25, 1168-1176.	1.6	5
115	Crack Initiation and Growth Behavior of Cold-Sprayed Ni Particles on IN718 Alloy. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 1929-1937.	1.2	5
116	The microstructure and wear behaviour of friction stir processed AISI 430 ferritic stainless steel. <i>Tribology - Materials, Surfaces and Interfaces</i> , 2019, 13, 172-181.	0.6	5
117	Fatigue and Fracture of Nanostructured Materials. , 2021, , .		5
118	Increasing shear strength of Au-Sn bonded joint through nano-grained interfacial reaction products. <i>Journal of Materials Science</i> , 2021, 56, 7050-7062.	1.7	5
119	Characterization of Tribological and Mechanical Properties of the Si <sub>3</sub> N <sub>4</sub> Coating Fabricated by Duplex Surface Treatment of Pack Siliconizing and Plasma Nitriding on AISI D2 Tool Steel. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2021, 52, 4753-4766.	1.1	5
120	Effect of Processing Parameters on Strength and Corrosion Resistance of Friction Stir-Welded AA6082. <i>Metals</i> , 2022, 12, 192.	1.0	5
121	Pack Siliconizing Optimization of AISI D2 Tool Steel. <i>Silicon</i> , 2022, 14, 10669-10679.	1.8	5
122	Strain Rate Sensitivity and Fatigue Properties of an Al-fe Nanocrystalline Alloy Produced by Cryogenic Ball Milling. <i>Multidiscipline Modeling in Materials and Structures</i> , 2007, 3, 225-234.	0.6	4
123	Cold Spray Coating Technology for Metallic Components Repairing. <i>Decision Engineering</i> , 2015, , 175-184.	1.5	4
124	Fretting Wear and Scratch Resistance of Cold-Sprayed Pure Cu and Ti. <i>Metallography, Microstructure, and Analysis</i> , 2021, 10, 496.	0.5	4
125	Wear Behavior of Al-Based Nanocomposites Reinforced with Bimodal Micro- and Nano-Sized Al <sub>2</sub> O <sub>3</sub> Particles Produced by Spark Plasma Sintering. <i>Materials Performance and Characterization</i> , 2018, 7, 327-350.	0.2	4
126	Photocatalytic Materials Obtained from E-Waste Recycling: Review, Techniques, Critique, and Update. <i>Journal of Manufacturing and Materials Processing</i> , 2022, 6, 69.	1.0	4



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127	Sintering: Most Efficient Technologies for Greenhouse Emissions Abatement. , 2019, , 111-165.		3
128	Crystal structure evolution in mehcanical alloying and spark plasma sintering of AlxCoCrCuFeNi HEAs. Powder Metallurgy, 2021, 64, 54-63.	0.9	3
129	Growth Mechanism and Kinetics of Siliconizing of AISI D2 Tool Steel. Silicon, 2022, 14, 11395-11403.	1.8	3
130	Fatigue Bending of V-Notched Cold-Sprayed FeCoCrNiMn Coatings. Metals, 2022, 12, 780.	1.0	2
131	Fatigue Properties and Crack Behavior of Cold Spray Coatings. , 2018, , 503-530.		1
132	Evaluation of aluminium/alumina/titanium composites produced by continual annealing and roll-bonding process. Materials Science and Technology, 2019, 35, 1614-1623.	0.8	1
133	Dioxin Emission Reduction in Electric Arc Furnaces for Steel Production. , 2016, , 215-222.		1
134	CO2 Emission Reduction in Blast Furnaces. , 2016, , 151-171.		1
135	Crack Initiation and Growth Behavior of HVOF Stellite-6 Coatings under Bending Loading. , 2022, 1, 62-74.		1
136	Friction Stir Welding of Al Alloys: Analysis through a Multi-Objective Optimization Tool. Materials Science Forum, 0, 783-786, 1729-1734.	0.3	0
137	Mechanical properties of cold sprayed Titanium and Nickel based coatings. Proceedings in Applied Mathematics and Mechanics, 2015, 15, 153-154.	0.2	0
138	Optimization of Processing Conditions Leading to Dangerous Emissions in Steelmaking Plants. , 2015, , 93-102.		0
139	Dangerous Emissions Control and Reduction in Sinter Plants. , 2016, , 39-58.		0