

# Lars Nyborg

## List of Publications by Year in descending order

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143  
papers

3,272  
citations

168829

31  
h-index

223390

49  
g-index

143  
all docs

143  
docs citations

143  
times ranked

3788  
citing authors

#	ARTICLE	IF	CITATIONS
1	Capsule-free hot isostatic pressing of sintered steel to full density using water atomised iron and Cr-alloyed powder consolidated by cold isostatic pressing. Powder Metallurgy, 2022, 65, 133-140.	0.9	3
2	The effect of boron and zirconium on the microcracking susceptibility of IN-738LC derivatives in laser powder bed fusion. Applied Surface Science, 2022, 573, 151541.	3.1	9
3	Characteristics of a modified H13 hot-work tool steel fabricated by means of laser beam powder bed fusion. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2022, 831, 142322.	2.6	12
4	Al-Mn-Cr-Zr-based alloys tailored for powder bed fusion-laser beam process: Alloy design, printability, resulting microstructure and alloy properties. Journal of Materials Research, 2022, 37, 1256-1268.	1.2	4
5	A neural network for identification and classification of systematic internal flaws in laser powder bed fusion. CIRP Journal of Manufacturing Science and Technology, 2022, 37, 312-318.	2.3	8
6	Effect of Density and Processing Conditions on Oxide Transformations and Mechanical Properties in Cr-Mo-Alloyed PM steels. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2022, 53, 640-652.	1.1	8
7	Laser Powder Bed Fusion of an Al-Mg-Sc-Zr Alloy: Manufacturing, Peak Hardening Response and Thermal Stability at Peak Hardness. Metals, 2022, 12, 57.	1.0	2
8	Increasing the Productivity of Laser Powder Bed Fusion for Stainless Steel 316L through Increased Layer Thickness. Journal of Materials Engineering and Performance, 2021, 30, 575-584.	1.2	47
9	Comparative study on the densification of chromium pre-alloyed powder metallurgy steel through nanopowder addition using design of experiments. Results in Materials, 2021, 10, 100173.	0.9	0
10	Low-temperature carburized high-alloyed austenitic stainless steels in PEMFC cathodic environment. Surfaces and Interfaces, 2021, 24, 101093.	1.5	13
11	Effect of Surface Sandblasting and Turning on Compressive Strength of Thin 316L Stainless Steel Shells Produced by Laser Powder Bed Fusion. Metals, 2021, 11, 1070.	1.0	5
12	MODEL-BASED DESIGN OF AM COMPONENTS TO ENABLE DECENTRALIZED DIGITAL MANUFACTURING SYSTEMS. Proceedings of the Design Society, 2021, 1, 2127-2136.	0.5	1
13	Sintering of bimodal micrometre/nanometre iron powder compacts - A master sintering curve approach. Powder Technology, 2021, 391, 557-568.	2.1	7
14	In-situ detection of redeposited spatter and its influence on the formation of internal flaws in laser powder bed fusion. Additive Manufacturing, 2021, 47, 102370.	1.7	15
15	Linking In Situ Melt Pool Monitoring to Melt Pool Size Distributions and Internal Flaws in Laser Powder Bed Fusion. Metals, 2021, 11, 1856.	1.0	9
16	Moisture content analysis of metal powders using oven desorption followed by Karl Fischer titration. Metal Powder Report, 2020, 75, 34-39.	0.3	9
17	Argon-helium mixtures as Laser-Powder Bed Fusion atmospheres: Towards increased build rate of Ti-6Al-4V. Journal of Materials Processing Technology, 2020, 279, 116555.	3.1	39
18	Sintering behaviour of compacted water-atomised iron powder: effect of initial state and processing conditions. Powder Metallurgy, 2020, 63, 338-348.	0.9	11

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19	Reduction of surface oxide layers on water-atomized iron and steel powder in hydrogen: Effect of alloying elements and initial powder state. <i>Thermochimica Acta</i> , 2020, 692, 178731.	1.2	8
20	Analysis of Iron Oxide Reduction Kinetics in the Nanometric Scale Using Hydrogen. <i>Nanomaterials</i> , 2020, 10, 1276.	1.9	15
21	Surface modification of Ti-6Al-4V powder during recycling in EBM process. <i>Surface and Interface Analysis</i> , 2020, 52, 1066-1070.	0.8	17
22	Surface chemical analysis of copper powder used in additive manufacturing. <i>Surface and Interface Analysis</i> , 2020, 52, 1104-1110.	0.8	12
23	Effect of atomization on surface oxide composition in 316L stainless steel powders for additive manufacturing. <i>Surface and Interface Analysis</i> , 2020, 52, 694-706.	0.8	33
24	Investigation of surface and thermogravimetric characteristics of carbon-coated iron nanopowder. <i>Surface and Interface Analysis</i> , 2020, 52, 1045-1049.	0.8	0
25	Effect of Powder Recycling on Defect Formation in Electron Beam Melted Alloy 718. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2020, 51, 2430-2443.	1.1	23
26	Evolution of surface chemistry during sintering of water-atomized iron and low-alloyed steel powder. <i>Surface and Interface Analysis</i> , 2020, 52, 1061-1065.	0.8	4
27	On surface carbides in low-temperature carburized austenitic stainless steels. <i>Materials Characterization</i> , 2020, 167, 110462.	1.9	7
28	Oxide reduction and oxygen removal in water-atomized iron powder: a kinetic study. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 309-320.	2.0	8
29	Effect of Nanopowder Addition on the Sintering of Water-Atomized Iron Powder. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2020, 51, 4890-4901.	1.1	7
30	Effect of Powder Recycling in Electron Beam Melting on the Surface Chemistry of Alloy 718 Powder. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019, 50, 4410-4422.	1.1	48
31	Effect of argon and nitrogen atmospheres on the properties of stainless steel 316L parts produced by laser-powder bed fusion. <i>Materials and Design</i> , 2019, 179, 107873.	3.3	73
32	Effect of Running-In (Load and Speed) on Surface Characteristics of Honed Gears. <i>Tribology Transactions</i> , 2019, 62, 412-418.	1.1	13
33	Vacuum sintering of chromium alloyed powder metallurgy steels. <i>Metal Powder Report</i> , 2019, 74, 244-250.	0.3	4
34	Manufacturing full density powder metallurgy gears through HIP:ing. <i>Metal Powder Report</i> , 2019, 74, 199-203.	0.3	3
35	Enhanced Densification of PM Steels by Liquid Phase Sintering with Boron-Containing Master Alloy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2018, 49, 255-263.	1.1	17
36	Effects of workpiece microstructure, mechanical properties and machining conditions on tool wear when milling compacted graphite iron. <i>Wear</i> , 2018, 410-411, 190-201.	1.5	15

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37	Experimental and finite element simulation study of capsule-free hot isostatic pressing of sintered gears. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 99, 1725-1733.	1.5	8
38	Surface analysis of iron and steel nanopowder. <i>Surface and Interface Analysis</i> , 2018, 50, 1083-1088.	0.8	7
39	Optimizing the synthesis of ultrafine tungsten carbide powders by effective combinations of carbon sources and atmospheres. <i>International Journal of Refractory Metals and Hard Materials</i> , 2017, 63, 9-16.	1.7	5
40	Surface chemistry of the titanium powder studied by XPS using internal standard reference. <i>Powder Metallurgy</i> , 2017, 60, 42-48.	0.9	35
41	COPGLOW and XPS investigation of recycled metal powder for selective laser melting. <i>Powder Metallurgy</i> , 2017, 60, 223-231.	0.9	8
42	Influence of running-in on surface characteristics of efficiency tested ground gears. <i>Tribology International</i> , 2017, 115, 45-58.	3.0	30
43	Understanding the microstructure-properties relationship of low-temperature carburized austenitic stainless steels through EBSD analysis. <i>Surface and Coatings Technology</i> , 2017, 322, 141-151.	2.2	21
44	Thermal decomposition of N-expanded austenite in 304L and 904L steels. <i>Surface Engineering</i> , 2017, 33, 319-326.	1.1	13
45	Influence of Ag addition on the microstructure and properties of copper-alumina composites prepared by internal oxidation. <i>Journal of Alloys and Compounds</i> , 2017, 722, 962-969.	2.8	18
46	Influence of friction models on FE simulation results of orthogonal cutting process. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 88, 3217-3232.	1.5	38
47	An XPS investigation on the thermal stability of the insulating surface layer of soft magnetic composite powder. <i>Surface and Interface Analysis</i> , 2016, 48, 445-450.	0.8	22
48	Influence of Coolant Flow Rate on Tool Life and Wear Development in Cryogenic and Wet Milling of Ti-6Al-4V. <i>Procedia CIRP</i> , 2016, 46, 91-94.	1.0	81
49	An FEM-based approach for tool wear estimation in machining. <i>Wear</i> , 2016, 368-369, 10-24.	1.5	75
50	Residual stress analysis of machined lead-free and lead-containing brasses. <i>Materials Science and Technology</i> , 2016, 32, 1789-1793.	0.8	10
51	Reactivity of Carbon Based Materials for Powder Metallurgy Parts and Hard Metal Powders Manufacturing. <i>Funtai Oyobi Fummatu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2016, 63, 548-554.	0.1	7
52	Machinability of CuZn21Si3P brass. <i>Materials Science and Technology</i> , 2016, 32, 1744-1750.	0.8	8
53	Surface chemical state of Ti powders and its alloys: Effect of storage conditions and alloy composition. <i>Applied Surface Science</i> , 2016, 388, 294-303.	3.1	45
54	Electron Beam Melting Manufacturing Technology for Individually Manufactured Jaw Prosthesis: A Case Report. <i>Journal of Oral and Maxillofacial Surgery</i> , 2016, 74, 1706.e1-1706.e15.	0.5	31

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55	Inverse identification of flow stress in metal cutting process using Response Surface Methodology. Simulation Modelling Practice and Theory, 2016, 60, 40-53.	2.2	40
56	Effect of Active Components of Sintering Atmosphere on Reduction/Oxidation Processes During Sintering of Cr-Alloyed PM Steels. Journal of the American Ceramic Society, 2015, 98, 3561-3568.	1.9	7
57	Lean Atmospheres for Sintering of Chromium Alloyed Powder Metallurgy Steels. Journal of the American Ceramic Society, 2015, 98, 3588-3595.	1.9	4
58	Nitrogen uptake of nickel free austenitic stainless steel powder during heat treatment-an XPS study. Surface and Interface Analysis, 2015, 47, 413-422.	0.8	7
59	Dissolution of carbon in Cr-prealloyed PM steels: effect of carbon source. Powder Metallurgy, 2015, 58, 7-11.	0.9	9
60	Selective band gap manipulation of graphene oxide by its reduction with mild reagents. Carbon, 2015, 93, 967-973.	5.4	186
61	Changes in the surface chemistry of chromium-alloyed powder metallurgical steel during delubrication and their impact on sintering. Journal of Materials Processing Technology, 2015, 223, 171-185.	3.1	19
62	Influence of temperature on the atmospheric corrosion of the Mg-Al alloy AM50. Corrosion Science, 2015, 90, 420-433.	3.0	96
63	Thermogravimetry study of the effectiveness of different reducing agents during sintering of Cr-prealloyed PM steels. Journal of Thermal Analysis and Calorimetry, 2014, 118, 825-834.	2.0	18
64	Effectiveness of reducing agents during sintering of Cr-prealloyed PM steels. Powder Metallurgy, 2014, 57, 245-250.	0.9	9
65	Development of methodology for surface characterization of vanadium containing slag. Surface and Interface Analysis, 2014, 46, 984-988.	0.8	9
66	Multi-technique characterization of low-temperature plasma nitrided austenitic AISI 304L and AISI 904L stainless steel. Surface and Interface Analysis, 2014, 46, 856-860.	0.8	4
67	Microstructure Development in Powder Metallurgy Steels: Effect of Alloying Elements and Process Variables. Materials Science Forum, 2014, 782, 467-472.	0.3	3
68	Effect of heat treatment in air on surface composition of iron-phosphate based soft magnetic composite components. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2014, 189, 90-99.	1.7	22
69	Evaluation of the thickness and roughness of homogeneous surface layers on spherical and irregular powder particles. Surface and Interface Analysis, 2014, 46, 1028-1032.	0.8	20
70	Influence of the steel powder type and processing parameters on the debinding of PM compacts with gelatin binder. Journal of Thermal Analysis and Calorimetry, 2014, 118, 695-704.	2.0	3
71	Oxide Transformation in Cr-Mn-Prealloyed Sintered Steels: Thermodynamic and Kinetic Aspects. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 1736-1747.	1.1	37
72	NaCl-Induced Atmospheric Corrosion of the MgAl Alloy AM50-The Influence of CO <sub>2</sub> . Journal of the Electrochemical Society, 2014, 161, C277-C287.	1.3	39

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73	The effects of grain size and feed rate on notch wear and burr formation in wrought Alloy 718. International Journal of Advanced Manufacturing Technology, 2013, 67, 1501-1507.	1.5	22
74	Thin film characterisation of chromium disilicide. Surface Science, 2013, 609, 152-156.	0.8	7
75	Characterization of surface oxides on water-atomized steel powder by XPS/AES depth profiling and nano-scale lateral surface analysis. Applied Surface Science, 2013, 268, 496-506.	3.1	56
76	Surface phenomena during the early stages of sintering in steels modified with Fe-Mn-Si-C master alloys. Materials Characterization, 2013, 86, 80-91.	1.9	18
77	Machinability of compacted graphite iron (CGI) and flake graphite iron (FGI) with coated carbide. International Journal of Machining and Machinability of Materials, 2013, 13, 67.	0.1	17
78	Effect of process parameters on surface oxides on chromium-alloyed steel powder during sintering. Materials Chemistry and Physics, 2013, 138, 405-415.	2.0	56
79	Wear Mechanism of CBN Inserts During Machining of Bimetal Aluminum-grey Cast Iron Engine Block. Procedia CIRP, 2013, 8, 188-193.	1.0	24
80	Carbon control in PM sintering: industrial applications and experience. Powder Metallurgy, 2013, 56, 5-10.	0.9	19
81	Investigation of microstructure and material properties for 18 different graphitic cast iron model materials with focus on Compacted Graphite Iron (CGI). International Journal of Microstructure and Materials Properties, 2013, 8, 262.	0.1	3
82	An Experimental Investigation of the Influence of Cutting-Edge Geometry on the Machinability of Compacted Graphite Iron. International Journal of Manufacturing, Materials, and Mechanical Engineering, 2013, 3, 1-25.	0.3	2
83	Inhomogeneous Microstructure and Electrical Transport Properties at the LaAlO <sub>3</sub> /SrTiO <sub>3</sub> Interface. Japanese Journal of Applied Physics, 2012, 51, 11PG10.	0.8	1
84	Tempering of 3Cr-0.5Mo sintered steel: influence on mechanical properties. Powder Metallurgy, 2012, 55, 302-308.	0.9	3
85	An experimental investigation of temperature and machinability in turning of compacted graphite irons. International Journal of Materials and Product Technology, 2012, 43, 102.	0.1	3
86	An Experimental Investigation of Machinability of Graphitic Cast Iron Grades; Flake, Compacted and Spheroidal Graphite Iron in Continuous Machining Operations. Procedia CIRP, 2012, 1, 488-493.	1.0	41
87	XRD and XPS characterisation of transition metal silicide thin films. Surface Science, 2012, 606, 329-336.	0.8	50
88	Characterization of the surface of Fe-19Mn-18Cr-C-N during heat treatment in a high vacuum - An XPS study. Materials Characterization, 2012, 71, 66-76.	1.9	23
89	Wear Evaluation on Ni3Al/MnS Composite Related to Metallurgical Processes. Journal of Iron and Steel Research International, 2012, 19, 46-54.	1.4	13
90	Stoichiometric vanadium oxides studied by XPS. Surface and Interface Analysis, 2012, 44, 1022-1025.	0.8	301

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91	Development of methodology for surface analysis of soft magnetic composite powders. Surface and Interface Analysis, 2012, 44, 1166-1170.	0.8	23
92	Corrosion of stainless steels in simulated diesel exhaust environment with urea. Materials and Corrosion - Werkstoffe Und Korrosion, 2012, 63, 388-395.	0.8	9
93	Surface Preparation of Powder Metallurgical Tool Steels by Means of Wire Electrical Discharge Machining. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2012, 43, 3215-3226.	1.1	9
94	On-line control of processing atmospheres for proper sintering of oxidation-sensitive PM steels. Journal of Materials Processing Technology, 2012, 212, 977-987.	3.1	50
95	Methodology for evaluating effects of material characteristics on machinability—theory and statistics-based modelling applied on Alloy 718. International Journal of Advanced Manufacturing Technology, 2012, 59, 55-66.	1.5	29
96	Inhomogeneous Microstructure and Electrical Transport Properties at the LaAlO <sub>3</sub> /SrTiO <sub>3</sub> Interface. Japanese Journal of Applied Physics, 2012, 51, 11PG10.	0.8	1
97	Corrosion properties of thermally annealed and co-sputtered nickel silicide thin films. Surface and Coatings Technology, 2011, 206, 1160-1167.	2.2	14
98	Tribological properties of powder metallurgical tool steels used in powder compaction pressing dies. Lubrication Science, 2011, 23, 139-152.	0.9	0
99	The effect of cold ring rolling on the evolution of microstructure and texture in 100Cr6 steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 527, 2431-2436.	2.6	65
100	Critical Aspects of Alloying of Sintered Steels with Manganese. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2010, 41, 2880-2897.	1.1	44
101	Critical aspects of sinter-hardening of prealloyed Cr—Mo steel. Journal of Materials Processing Technology, 2010, 210, 1180-1189.	3.1	26
102	Galling related surface properties of powder metallurgical tool steels alloyed with and without nitrogen. Wear, 2010, 269, 229-240.	1.5	22
103	Surface composition of the steel powders pre-alloyed with manganese. Applied Surface Science, 2010, 256, 3946-3961.	3.1	104
104	Corrosion behaviour of amorphous Ni—Si thin films on AISI 304L stainless steel. Materials at High Temperatures, 2009, 26, 177-186.	0.5	6
105	Sputter deposition and XPS analysis of nickel silicide thin films. Surface and Coatings Technology, 2009, 203, 2886-2890.	2.2	49
106	XPS calibration study of thin—film nickel silicides. Surface and Interface Analysis, 2009, 41, 471-483.	0.8	71
107	Microstructural evolution during fracture induced by high strain rate deformation of 100Cr6 steel. Journal of Materials Processing Technology, 2009, 209, 3325-3334.	3.1	16
108	Optimising grey iron powder compacts. Powder Metallurgy, 2009, 52, 291-297.	0.9	7

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109	Rheological and Thermal Properties of a Model System for PIM. International Polymer Processing, 2009, 24, 206-212.	0.3	6
110	Electron microscopy of white-etching band generated by high-velocity parting-off of 100CrMn6 steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 480, 489-495.	2.6	3
111	Initial formation of contact layers on Ni/SiC samples studied by XPS. Surface and Interface Analysis, 2008, 40, 1144-1148.	0.8	2
112	Possibilities and constraints of implementing starch consolidated high speed steel in prototyping. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 475, 34-38.	2.6	1
113	Effect of temperature gradient and sulfur dioxide addition on erosion & corrosion of iron- and nickelbased alloys. Materials at High Temperatures, 2008, 25, 1-16.	0.5	1
114	Liquid Phase Sintering of Ferrous Powder Metallurgical Materials. Journal of Iron and Steel Research International, 2007, 14, 70-76.	1.4	9
115	Investigation of Ni/Ta contacts on 4H silicon carbide upon thermal annealing. Applied Surface Science, 2007, 254, 139-142.	3.1	9
116	Tailoring of nickel silicide contacts on silicon carbide. Applied Surface Science, 2007, 254, 135-138.	3.1	6
117	MWNT reinforced melamine-formaldehyde containing alpha-cellulose. Composites Science and Technology, 2007, 67, 844-854.	3.8	28
118	Liquid Phase Sintering of Steel Powder. , 2006, , 222-228.		0
119	Effect of vacuum annealing and nitrogen alloying on gas atomised M4 high speed steel powder. Powder Metallurgy, 2006, 49, 48-56.	0.9	9
120	Quantitative XPS depth profiling for nickel/4H-SiC contact with layered structure. Surface and Interface Analysis, 2006, 38, 748-751.	0.8	6
121	Study of reaction process on Ni/4H-SiC contact. Materials Science and Technology, 2006, 22, 1227-1234.	0.8	23
122	Effect of silicon, vanadium and nickel on microstructure of liquid phase sintered M3/2 grade high speed steel. Powder Metallurgy, 2005, 48, 33-38.	0.9	15
123	Microscopic characterisation of topography and lubricant distribution on surface of powder compacts. Powder Metallurgy, 2005, 48, 345-353.	0.9	2
124	Effect of pre-treatment and nickel layer thickness on nickel silicide/silicon carbide contact. Applied Surface Science, 2005, 241, 392-402.	3.1	31
125	X-ray photoelectron spectroscopy studies of indium tin oxide nanocrystalline powder. Materials Characterization, 2005, 54, 1-7.	1.9	61
126	Surface chemical analysis of prealloyed water atomised steel powder. Powder Metallurgy, 2005, 48, 51-58.	0.9	59



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127	Adhesion Study of Copper Layer Deposited onto Liquid Crystalline Polymer for Electronic Packaging. , 2005, , .		1
128	Effect of carbon and phosphorus addition on sintered density and effect of carbon removal on mechanical properties of high density sintered steel. Materials Science and Technology, 2004, 20, 705-710.	0.8	8
129	XPS study of carboxylic acid layers on oxidized metals with reference to particulate materials. Surface and Interface Analysis, 2003, 35, 375-381.	0.8	50
130	Isothermal grain growth in mechanically alloyed nanostructured Fe80Ti8B12 alloy. Materials Letters, 2003, 57, 3671-3675.	1.3	4
131	Liquid phase sintering of ferrous powder by carbon and phosphorus control. Powder Metallurgy, 2003, 46, 265-270.	0.9	9
132	Quantitative AES depth profiling of iron and chromium oxides in solid solution, (Cr <sub>1-x</sub> Fe <sub>x</sub> ) <sub>2</sub> O <sub>3</sub> . Surface and Interface Analysis, 2002, 34, 234-238.	0.8	14
133	XPS study of surface-active organic compounds on fine ferrous powder. Surface and Interface Analysis, 2000, 30, 333-336.	0.8	16
134	Quantitative phase analysis and thickness measurement of surface-oxide layers in metal and alloy powders by the chemical-granular method. Applied Surface Science, 1998, 133, 129-147.	3.1	15
135	Guide to Injection Moulding of Ceramics and Hardmetals: Special Consideration of Fine Powder. Powder Metallurgy, 1998, 41, 41-45.	0.9	19
136	Segregants at Prior Particle Boundaries in Powder Metallurgical Martensitic Stainless Steel. Powder Metallurgy, 1998, 41, 31-39.	0.9	5
137	Surface Reactions During Water Atomisation and Sintering of Austenitic Stainless Steel Powder. Powder Metallurgy, 1995, 38, 120-130.	0.9	32
138	Surface composition of iron oxide catalysts used for styrene production: an Auger electron spectroscopy/scanning electron microscopy study. Industrial & Engineering Chemistry Research, 1993, 32, 2500-2505.	1.8	18
139	Thickness determination of oxide layers on spherically-shaped metal powders by ESCA. Surface and Interface Analysis, 1988, 12, 110-114.	0.8	52
140	Surface Analysis of PM Martensitic Steel Before and After Consolidation: Part 1: Surface Analysis of Powder. Powder Metallurgy, 1988, 31, 33-39.	0.9	14
141	Surface Analysis of Gas Atomized Ferritic Steel Powder. Powder Metallurgy, 1985, 28, 237-243.	0.9	31
142	Contact Formation on Silicon Carbide by Use of Nickel and Tantalum in a Materials Science Point of View. , 0, , .		4
143	Surface chemical and geometrical properties of pure copper powder intended for binder jetting and sintering. Surface and Interface Analysis, 0, , .	0.8	2