

Hidekazu Sueyoshi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Properties of Si ₃ N ₄ -TiN composites fabricated by spark plasma sintering by using a mixture of Si ₃ N ₄ and Ti powders. <i>Ceramics International</i> , 2010, 36, 491-496.	2.3	51
2	Polymer impregnation and pyrolysis (PIP) method for the preparation of laminated woven fabric/mullite matrix composites with pseudoductility. <i>Journal of the European Ceramic Society</i> , 2004, 24, 53-64.	2.8	25
3	Microstructure and mechanical properties of silicon nitride-titanium nitride composites prepared by spark plasma sintering. <i>Materials Research Bulletin</i> , 2011, 46, 460-463.	2.7	23
4	Bending strength of zirconia/porcelain functionally graded materials prepared using spark plasma sintering. <i>Journal of Dentistry</i> , 2014, 42, 1569-1576.	1.7	22
5	Effects of Carbon Fiber Orientation and Graphitization on Solid State Bonding of C/C Composite to Nickel. <i>Materials Transactions</i> , 2003, 44, 148-154.	0.4	19
6	Damping capacity and mechanical property of hexagonal boron nitride-dispersed composite steel. <i>Journal of Alloys and Compounds</i> , 2003, 355, 120-125.	2.8	14
7	Removal of lead from scrap brass. <i>Journal of Advanced Science</i> , 2001, 13, 273-276.	0.1	14
8	Effect of Mechanical Pretreatment on Gas Nitriding Behavior of Austenitic Stainless Steels. <i>Materials Transactions, JIM</i> , 1996, 37, 150-156.	0.9	12
9	Solid State Bonding of Graphite to Nickel. <i>Materials Transactions</i> , 2001, 42, 163-170.	0.4	12
10	Removal of Lead from Copper Alloy Scraps by Compound-Separation Method. <i>Materials Transactions</i> , 2005, 46, 2719-2724.	0.4	12
11	Microwave Heating of Thin Au Film. <i>Materials Transactions</i> , 2007, 48, 531-537.	0.4	11
12	Removal of Lead from Brass Scrap by Compound-Separation Method. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 2005, 69, 198-201.	0.2	10
13	Solid State Bonding of Graphite to S45C Steel. <i>Materials Transactions, JIM</i> , 1998, 39, 1084-1092.	0.9	9
14	Solid State Bonding of Graphite to SUS304 Steel. <i>Materials Transactions, JIM</i> , 2000, 41, 414-419.	0.9	9
15	Solid State Bonding of Graphite to Inconel 718. <i>Materials Transactions</i> , 2001, 42, 1945-1951.	0.4	9
16	Effect of Graphitization on Solid State Bonding of Carbon to Nickel. <i>Materials Transactions</i> , 2006, 47, 399-404.	0.4	9
17	Processing of Continuous Ceramic Fiber/Iron Alloy Composite. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 2001, 65, 961-966.	0.2	9
18	Machinability of Copper Sulfide-Dispersed Lead-Free Bronze. <i>Materials Transactions</i> , 2009, 50, 847-852.	0.4	8

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19	Solid State Bonding of Carbon Material to Copper with Nickel Insert. <i>Materials Transactions</i> , 2008, 49, 2063-2067.	0.4	6
20	Effects of Pre-treatment on the Graphitization Behaviour in Hypo-Eutectoid Low Alloy Steel. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1978, 42, 676-682.	0.2	6
21	Mechanism of Pb Removal from Brass Scrap by Compound Separation Using Ca and NaF. <i>International Journal of Nonferrous Metallurgy</i> , 2018, 07, 1-7.	0.5	6
22	Effect of Preheating in Air on Gas Nitriding of SUS304 Stainless Steel. <i>Materials Transactions, JIM</i> , 1997, 38, 148-154.	0.9	5
23	Effect of Joining Compressive Stress on Solid State Bonding of Graphite to Nickel. <i>Materials Transactions</i> , 2001, 42, 2559-2566.	0.4	5
24	Consumption of Soldering Iron by Pb-Free Solder. <i>Materials Transactions</i> , 2006, 47, 1221-1226.	0.4	5
25	Effect of temperature on the formation of β -silicon carbide by hot isostatic pressing the pyrolyzed phenol resin-silicon composite. <i>Journal of the European Ceramic Society</i> , 2008, 28, 311-319.	2.8	5
26	Fabrication and characterization of ceramic matrix composites reinforced by in situ formation of β -silicon carbide. <i>Scripta Materialia</i> , 2008, 58, 711-714.	2.6	5
27	Preparation and properties of C/SiC/ZrO ₂ porous composites by hot isostatic pressing the pyrolyzed preforms. <i>Ceramics International</i> , 2009, 35, 349-358.	2.3	5
28	Removal of Magnesium from Molten Aluminum Scrap by Compound-Separation Method with Shirasu. <i>Materials Transactions</i> , 2010, 51, 838-843.	0.4	5
29	Effects of Alloying Elements on the Graphitization of Hypo-Eutectoid Steel. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1979, 43, 333-339.	0.2	5
30	Effect of Austenitizing Treatment Followed by Slow Cooling on Graphitization in Hypo-Eutectoid Alloy Steels. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1987, 51, 518-524.	0.2	5
31	Machinability of Hypo-Eutectoid Graphitic Steels. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1988, 52, 1285-1292.	0.2	5
32	Corrosion of Metals in Volcanic Atmosphere. <i>Corrosion Engineering</i> , 1990, 39, 247-253.	0.1	4
33	Mechanical Properties of Copper Sulfide-Dispersed Lead-Free Bronze. <i>Materials Transactions</i> , 2009, 50, 776-781.	0.4	4
34	Effect of surface oxide film and atmosphere on microwave heating of compacted copper powder. <i>Materials Chemistry and Physics</i> , 2011, 125, 723-728.	2.0	4
35	Cold Forgeability and Machinability after Cold Forging of Hypo-Eutectoid Graphitic Steels. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1989, 53, 206-211.	0.2	4
36	Effect of Preheating in Air on Gas Nitriding of Austenitic Stainless Steels. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 1997, 61, 1198-1205.	0.2	4

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37	Damping Capacity of Graphite-Dispersed Composite Steel. Materials Transactions, 2001, 42, 965-969.	0.4	3
38	Processing of a Continuous Ceramic Fiber/Iron Alloy Composite. Materials Transactions, 2002, 43, 735-740.	0.4	3
39	Processing of a Continuous Ceramic Fiber-Reinforced Iron Alloy. Materials Transactions, 2002, 43, 2866-2872.	0.4	3
40	Fe-C System Alloys Prepared by Mechanical Alloying and Powder Metallurgy. Funtai Oyobi Fummatu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2003, 50, 976-980.	0.1	3
41	Iron Aluminide Coating of Structural Steel by Mechanical Alloying Followed by Annealing. Funtai Oyobi Fummatu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2009, 56, 427-432.	0.1	3
42	Effect of Mechanical Pre-Treatment on Gas Nitriding Behavior in Austenitic Stainless Steels. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 1995, 59, 133-139.	0.2	3
43	Solid State Bonding of Graphite to S45C Steel. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 1997, 61, 736-743.	0.2	3
44	Anisotropy of Growth Behavior of Small Fatigue Crack in Rolled Plate of Age-Hardened Al Alloy.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1994, 60, 909-914.	0.2	2
45	Effect of Preheating in Air on Gas Nitriding of SUS304. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 1996, 60, 616-623.	0.2	2
46	Effect of Preheating in Air on Gas Nitriding of Austenitic Stainless Steels. Materials Transactions, JIM, 1998, 39, 849-856.	0.9	2
47	Effect of Processing Conditions on Gas Nitriding of Austenitic Stainless Steels. Materials Transactions, JIM, 1999, 40, 13-19.	0.9	2
48	LCA of Manufacturing Lead-Free Copper Alloys. Materials Transactions, 2005, 46, 2713-2718.	0.4	2
49	Removal of Lead from Scrap Bronze. Materials Transactions, 2006, 47, 2997-3000.	0.4	2
50	Life Cycle Assessment of Manufacturing System of Lead-Free Bronze Products. Materials Transactions, 2007, 48, 1534-1537.	0.4	2
51	Properties of Soldering Cu/Fe Alloy Produced by Powder Metallurgy. Materials Transactions, 2008, 49, 2881-2886.	0.4	2
52	Graphite Precipitation from Austenite in Hypo-Eutectoid Steel. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 1985, 49, 20-25.	0.2	2
53	Solid State Bonding of Graphite to Nickel. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2000, 64, 597-603.	0.2	2
54	Characterization of Si ₃ N ₄ /TiN Composites Prepared by Spark Plasma Sintering. Transactions of the Materials Research Society of Japan, 2009, 34, 793-797.	0.2	2

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55	Graphite Precipitation during Isothermal Transformation of Hypo-Eutectoid Alloy Steels. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 1981, 45, 304-310.	0.2	2
56	Heat-Treatment and Machinability of the Tri-Phase Steel Composed of Ferrite, Martensite, and Graphite. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 1990, 54, 231-236.	0.2	2
57	Effect of Processing Condition on Gas Nitriding of Austenitic Stainless Steels. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 1998, 62, 310-316.	0.2	2
58	Solid State Bonding of Graphite to SUS304 Steel. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 1999, 63, 1212-1217.	0.2	2
59	Effects of Microstructural Factors on the Tensile Properties of Hypo-Eutectoid Graphitic Steels. Transactions of the Japan Institute of Metals, 1985, 26, 397-404.	0.5	1
60	Evaluation of fatigue-crack growth resistance of graphite steels based on the small-crack growth law.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1989, 55, 416-423.	0.2	1
61	Microstructures, Surface Morphologies and Machinability of Sn–Bi Alloys for Utensils and Vessels. Materials Transactions, JIM, 1992, 33, 611-617.	0.9	1
62	Solid State Bonding of Graphite to Inconel 718. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2001, 65, 303-309.	0.2	1
63	Effects of microstructural factors and alloying elements on dezincification of brass.. Journal of Advanced Science, 2001, 13, 277-280.	0.1	1
64	Low-Isostatic-Press Sintering of Iron Alloy Powder. Materials Transactions, 2006, 47, 2828-2834.	0.4	1
65	Microstructure and Properties of Porous CMCs Prepared by HIPing the Pyrolyzed ZrO ₂ / Si / Phenol Resin Composite. Materials Science Forum, 2007, 561-565, 747-750.	0.3	1
66	Effect of preforms on the synthesis of micro .BETA.-SiC from phenol resin and silicon. Journal of the Ceramic Society of Japan, 2008, 116, 807-811.	0.5	1
67	Iron Aluminide Coating on Steel Surface by Mechanical Alloying at Elevated Temperature. Transactions of the Materials Research Society of Japan, 2009, 34, 565-569.	0.2	1
68	Effect of Joining Compressive Stress on Solid State Bonding of Graphite to Nickel. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2001, 65, 470-476.	0.2	1
69	Effects of Microstructural Factors on Fatigue Limit of Hypo-Eutectoid Graphitic Steels. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 1984, 48, 965-971.	0.2	1
70	Ductile Fracture of Hypo-Eutectoid Graphitic Steels. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 1987, 51, 1139-1144.	0.2	1
71	Characteristics of small fatigue crack growth in a triphase steel composed of ferrite, martensite and spheroidal graphite.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1990, 56, 2217-2222.	0.2	0
72	Tensile and fatigue strengths of triphase steel composed of ferrite, martensite and spheroidal graphite.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1990, 56, 501-506.	0.2	0

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73	Effects of Carbon Fiber Orientation and Graphitization on Solid State Bonding of C/C Composite to Nickel. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2002, 66, 792-798.	0.2	0
74	Life Cycle Assessment of Manufacturing System of Lead-Free Bronze Products. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2005, 69, 1053-1056.	0.2	0
75	Removal of Lead from Copper Alloy Scraps by Compound-Separation Method. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2007, 71, 476-481.	0.2	0
76	Effect of additional methods using Shirasu on removal of magnesium from molten aluminum scrap. Keikinzoiku/Journal of Japan Institute of Light Metals, 2009, 59, 632-636.	0.1	0
77	Life Cycle Assessment of Copper Sulfide-Dispersed Lead-Free Bronze. Materials Transactions, 2010, 51, 394-398.	0.4	0
78	Removal of Magnesium from Aluminum Scrap by Compound-Separation Method Using Shirasu as an Additive. Materials Transactions, 2010, 51, 775-780.	0.4	0
79	Processing of a Continuous Ceramic Fiber-Reinforced Iron Alloy. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2002, 66, 677-683.	0.2	0
80	Evaluation of the Residual Stress and Strength in Joints and Composites by means of Indentation-Fracture Method. The Proceedings of Conference of Kyushu Branch, 2004, 2004.57, 65-66.	0.0	0
81	Improvement of Cutting Tool's Life by Multilayering Structure of Tool Materials(Advanced machining) Tj ETQq1 1 0.784314 rgBT /Over 21st Century LEM21, 2005, 2005.2, 535-540.	0.0	0
82	107 Preparation of Ceramic Fiber-Reinforced Iron-Matrix Composite by Low Isostatic Press Sintering. The Proceedings of Conference of Kyushu Branch, 2007, 2007, 13-14.	0.0	0
83	Effects of Microstructural Factors on Fatigue Crack Propagation Behavior of Hypo-Eutectoid Graphitic Steels. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 1984, 48, 971-977.	0.2	0
84	Effects of Microstructural Factors on the Tensile Properties of Hypo-Eutectoid Graphitic Steels. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 1984, 48, 15-20.	0.2	0
85	Tool Wear and Chip-Disposability in the Cutting of the Tri-Phase Steel Composed of Ferrite, Martensite, and Graphite. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 1990, 54, 589-595.	0.2	0
86	Effect of Bi on the Properties of Tin Alloys for Utensils and Vessels. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 1991, 55, 481-487.	0.2	0
87	The Kinetics of Pb Removal from Brass Scrap Using Compound Separation. International Journal of Nonferrous Metallurgy, 2018, 07, 39-55.	0.5	0