

Koji Miyazaki

List of Publications by Year in descending order

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145
papers

2,709
citations

136740

32
h-index

197535

49
g-index

146
all docs

146
docs citations

146
times ranked

2464
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic structure and thermal conductance of the MASnI ₃ /Bi ₂ Te ₃ interface: a first-principles study. <i>Scientific Reports</i> , 2022, 12, 217.	1.6	5
2	Use of anti-solvent to enhance thermoelectric response of hybrid halide perovskite thin films. <i>Japanese Journal of Applied Physics</i> , 2022, 61, SE1019.	0.8	2
3	Relationship between Carrier Density and Precursor Solution Stirring for Lead-Free Tin Halide Perovskite Solar Cells Performance. <i>ACS Applied Energy Materials</i> , 2022, 5, 4002-4007.	2.5	10
4	Heat flux partitioning and macrolayer observation in pool boiling of water on a surface with artificial nucleation sites. <i>International Journal of Heat and Mass Transfer</i> , 2022, 194, 122924.	2.5	8
5	Round Robin Study on the Thermal Conductivity/Diffusivity of a Gold Wire with a Diameter of 30 μ m Tested via Five Measurement Methods. <i>Journal of Thermal Science</i> , 2022, 31, 1037-1051.	0.9	9
6	Observation of heat transfer mechanisms in saturated pool boiling of water by high-speed infrared thermometry. <i>International Journal of Heat and Mass Transfer</i> , 2021, 170, 121006.	2.5	22
7	Thermal Conductivity of Nano-Crystallized Indium-Gallium-Zinc Oxide Thin Films Determined by Differential Three-Omega Method. <i>Nanomaterials</i> , 2021, 11, 1547.	1.9	5
8	Role of intrinsic defects on thermoelectric properties of ZnO:Al films. <i>Ceramics International</i> , 2021, 47, 17760-17767.	2.3	8
9	Determination of group velocity based on nanoindentation using Si and SiO ₂ /Si wafers. <i>AIP Advances</i> , 2021, 11, .	0.6	6
10	Control of the pore size of honeycomb polymer film from micrometers to nanometers via substrate-temperature regulation and its application to photovoltaic and heat-resistant polymer films. <i>Nanotechnology</i> , 2020, 31, 015301.	1.3	4
11	Interface engineering using Y ₂ O ₃ scaffold to enhance the thermoelectric performance of CsSnI ₃ thin film. <i>Organic Electronics</i> , 2020, 76, 105488.	1.4	27
12	Effect of Precursor Solution Aging on the Thermoelectric Performance of CsSnI ₃ Thin Film. <i>Journal of Electronic Materials</i> , 2020, 49, 2698-2703.	1.0	15
13	Top-down approach using supercritical carbon dioxide ball milling for producing sub-10 nm Bi ₂ Te ₃ grains. <i>Applied Physics Express</i> , 2020, 13, 067002.	1.1	0
14	Structural stability and electronic property evaluations for different Bi ₂ Te ₃ (0001) termination surfaces. <i>Applied Surface Science</i> , 2020, 525, 146454.	3.1	4
15	Electrolytic Bubble Nucleation Activation in Pool Boiling of Water: Heat Transfer Enhancement and Reduction of Incipient Boiling Superheat. <i>International Journal of Heat and Mass Transfer</i> , 2020, 157, 119755.	2.5	7
16	Effect of growth modes on electrical and thermal transport of thermoelectric ZnO:Al films. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 259-266.	0.5	7
17	Measurement of thermal boundary resistance and thermal conductivity of single-crystalline Bi ₂ Te ₃ nanoplate films by differential 3 ω method. <i>Applied Physics Express</i> , 2020, 13, 035501.	1.1	13
18	Hybrid-Halide Perovskite Thin Film Growth for Thermoelectric Applications. <i>Journal of Electronic Materials</i> , 2020, 49, 2890-2894.	1.0	13

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19	Unileg Thermoelectric Module Comprised by Coated Halide-Perovskite Thin Film. Journal of Heat Transfer, 2020, 142, .	1.2	5
20	Growth of halide perovskites thin films for thermoelectric applications. MRS Advances, 2019, 4, 1719-1725.	0.5	27
21	Editorial for the Special Issue of Selected Papers from the 9th Symposium on Micro-Nano Science and Technology on Micromachines. Micromachines, 2019, 10, 618.	1.4	1
22	Two-Dimensional Phonon Polariton Heat Transport. Nano Letters, 2019, 19, 6924-6930.	4.5	41
23	Porosity-tuned thermal conductivity in thermoelectric Al-doped ZnO thin films grown by mist-chemical vapor deposition. Thin Solid Films, 2019, 685, 180-185.	0.8	38
24	Printable Thermoelectric Device. Journal of Physics: Conference Series, 2019, 1407, 012057.	0.3	1
25	Hybrid-halide perovskite thin films for thermoelectric application. , 2019, , .		0
26	Uni-Leg Thermoelectric Module Comprised by Coated Hybrid-Perovskite Thin Film. , 2019, , .		0
27	Editorial for the Special Issue of Selected Papers from the 8th Symposium on Micro Nano Science and Technology on Micromachines. Micromachines, 2018, 9, 627.	1.4	0
28	Organic-Inorganic Thermoelectric Material for a Printed Generator. Journal of Physics: Conference Series, 2018, 1052, 012008.	0.3	9
29	CONTRIBUTION OF LATENT HEAT TRANSFER IN POOL BOILING. , 2018, , .		1
30	Heat transfer enhancement of flow boiling in a mini-channel by preventing dewetting of thin liquid film. The Proceedings of the Symposium on Micro-Nano Science and Technology, 2018, 2018.9, 01pm1PN145.	0.0	0
31	EXPERIMENTAL STUDY OF THE IN-PLANE THERMAL CONDUCTIVITY ENHANCEMENT OF SUSPENDED GLASS THIN FILMS DUE TO LONG RANGE SURFACE PHONON-POLARITONS. , 2018, , .		0
32	Thermoelectric and Structural Characterization of Al-Doped ZnO/Y ₂ O ₃ Multilayers. Journal of Nanoscience and Nanotechnology, 2017, 17, 1616-1621.	0.9	6
33	Anisotropic Analysis of Nanocrystalline Bismuth Telluride Thin Films Treated by Homogeneous Electron Beam Irradiation. Materials Transactions, 2017, 58, 513-519.	0.4	41
34	Enhancement of flow boiling in minichannel with micro- and nano-structure. The Proceedings of the Symposium on Micro-Nano Science and Technology, 2017, 2017.8, PN-117.	0.0	0
35	Simple Salt-Coordinated n-Type Nanocarbon Materials Stable in Air. Advanced Functional Materials, 2016, 26, 3021-3028.	7.8	232
36	Heat conduction in nanostructured materials. Journal of Thermal Science and Technology, 2016, 11, JTST0001-JTST0001.	0.6	35

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37	Thermal phonon transport in Si thin film with dog-leg shaped asymmetric nanostructures. Japanese Journal of Applied Physics, 2016, 55, 085201.	0.8	5
38	Carbon Nanotubes: Simple Salt-Coordinated n-Type Nanocarbon Materials Stable in Air (Adv. Funct.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	9.8	1
39	On-chip thermoelectric module comprised of oxide thin film legs. Energy Conversion and Management, 2016, 114, 251-257.	4.4	22
40	Effect of self-grown seed layer on thermoelectric properties of ZnO thin films. Thin Solid Films, 2016, 605, 289-294.	0.8	36
41	Thermal Design of a Thermoelectric Micro-Generator. Journal of Physics: Conference Series, 2015, 660, 012088.	0.3	1
42	Measurement of the in-plane thermal conductivity of SiO ₂ thin films due to surface phonon-polaritons. , 2015, , .		0
43	Thermal Transport Property of Silicon Membranes With Asymmetric Porous Structure. , 2015, , .		0
44	Evaluation of Specific Heat, Sound Velocity and Lattice Thermal Conductivity of Strained Nanocrystalline Bismuth Antimony Telluride Thin Films. Journal of Electronic Materials, 2015, 44, 1679-1687.	1.0	9
45	Determining the Thermal Conductivity of Nanocrystalline Bismuth Telluride Thin Films Using the Differential 3i% Method While Accounting for Thermal Contact Resistance. Journal of Electronic Materials, 2015, 44, 2021-2025.	1.0	36
46	Enhanced thermoelectric properties of phase-separating bismuth selenium telluride thin films via a two-step method. Journal of Applied Physics, 2015, 118, .	1.1	38
47	Influence of Postdeposition Cooling Atmosphere on Thermoelectric Properties of 2% Al-Doped ZnO Thin Films Grown by Pulsed Laser Deposition. Journal of Electronic Materials, 2015, 44, 1547-1553.	1.0	12
48	Structural and Thermoelectric Properties of Nanocrystalline Bismuth Telluride Thin Films Under Compressive and Tensile Strain. Journal of Electronic Materials, 2015, 44, 1632-1636.	1.0	44
49	Thermal and Electrical Conductivities of Porous Si Membranes. International Journal of Thermophysics, 2015, 36, 2548-2564.	1.0	9
50	613 Thermoelectric properties of Bismuth Telluride prepared by nano-particles. The Proceedings of Conference of Kyushu Branch, 2015, 2015.68, 235-236.	0.0	0
51	29pm3-PN-51 Thermoelectric Properties of Organic-Inorganic Hybrid Thermoelectric Materials. The Proceedings of the Symposium on Micro-Nano Science and Technology, 2015, 2015.7, _29pm3-PN-_29pm3-PN-.	0.0	0
52	Fabrication of flexible thermoelectric thin film module using micro porous structure. , 2014, , .		0
53	Flexible Porous Bismuth Telluride Thin Films with Enhanced Figure of Merit using Microâ€Phase Separation of Block Copolymer. Advanced Materials Interfaces, 2014, 1, 1300015.	1.9	32
54	Thermoelectric Properties of Al-Doped ZnO Thin Films. Journal of Electronic Materials, 2014, 43, 2145-2150.	1.0	28

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55	Comparison of crystal growth and thermoelectric properties of n-type Bi-Se-Te and p-type Bi-Sb-Te nanocrystalline thin films: Effects of homogeneous irradiation with an electron beam. Journal of Applied Physics, 2014, 115, .	1.1	38
56	Efficiently suppressed thermal conductivity in ZnO thin films via periodic introduction of organic layers. Journal of Materials Chemistry A, 2014, 2, 12150-12152.	5.2	66
57	Enhanced thermoelectric performance of Al-doped ZnO thin films on amorphous substrate. Japanese Journal of Applied Physics, 2014, 53, 060306.	0.8	44
58	Fabrication of a Flexible Bismuth Telluride Power Generation Module Using Microporous Polyimide Films as Substrates. Journal of Electronic Materials, 2014, 43, 1733-1739.	1.0	27
59	Determination of the Origin of Crystal Orientation for Nanocrystalline Bismuth Telluride-Based Thin Films Prepared by Use of the Flash Evaporation Method. Journal of Electronic Materials, 2014, 43, 1881-1889.	1.0	37
60	Development of thermoelectric module based on dense Ca ₃ Co ₄ O ₉ and Zn _{0.98} Al _{0.02} O legs. Metals and Materials International, 2014, 20, 389-397.	1.8	30
61	Effects of homogeneous irradiation of electron beam on crystal growth and thermoelectric properties of nanocrystalline bismuth selenium telluride thin films. Journal of Alloys and Compounds, 2014, 612, 98-102.	2.8	37
62	Strain and grain size effects on thermal transport in highly-oriented nanocrystalline bismuth antimony telluride thin films. International Journal of Heat and Mass Transfer, 2014, 76, 376-384.	2.5	53
63	Thermal conductivity of thin film oriented control micro-phase separation structure. Transactions of the JSME (in Japanese), 2014, 80, TEPO370-TEPO370.	0.1	0
64	Molecular dynamics simulations on heat conduction in nano-porous Si. Heat Transfer - Asian Research, 2013, 42, 274-280.	2.8	0
65	Growth of single-crystalline bismuth antimony telluride nanoplates on the surface of nanoparticle thin films. Journal of Crystal Growth, 2013, 372, 199-204.	0.7	22
66	Fabrication by Coaxial-Type Vacuum Arc Evaporation Method and Characterization of Bismuth Telluride Thin Films. Journal of Electronic Materials, 2013, 42, 1814-1819.	1.0	11
67	Fabrication of Bismuth Telluride Thermoelectric Films Containing Conductive Polymers Using a Printing Method. Journal of Electronic Materials, 2013, 42, 1313-1318.	1.0	67
68	Effect of substrate on thermoelectric properties of Al-doped ZnO thin films. Applied Physics Letters, 2013, 102, .	1.5	88
69	Pump Head Improvement of Diffuser/Nozzle Valve-Less Micropump. , 2013, , .		1
70	Enhanced thermoelectric properties of Al-doped ZnO thin films. Materials Research Society Symposia Proceedings, 2013, 1543, 1.	0.1	0
71	Compact Optical Multi-gas Sensors using Micromachining Technology [1]. IEEJ Transactions on Sensors and Micromachines, 2013, 133, 237-242.	0.0	1
72	Micro Thermal Power Generator. IEEJ Transactions on Sensors and Micromachines, 2013, 133, B237-B241.	0.0	0

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73	Heat Conduction of a Porous Material. Journal of Heat Transfer, 2012, 134, .	1.2	9
74	Simultaneous measurements of thermal conductivity and electrical conductivity of micro-machined Silicon films. IOP Conference Series: Materials Science and Engineering, 2012, 31, 012020.	0.3	1
75	Combined effect of nanoscale grain size and porosity on lattice thermal conductivity of bismuth-telluride-based bulk alloys. Journal of Applied Physics, 2012, 112, .	1.1	76
76	The Effects of Thermoelectric Film Thickness on Performance of In-Plane Thermoelectric Modules. Journal of Electronic Materials, 2012, 41, 1799-1804.	1.0	15
77	Impact on Thermal Conductivities of Nanostructured Bismuth Telluride Based Thin Films. , 2011, , .		0
78	Enhanced figure of merit of a porous thin film of bismuth antimony telluride. Applied Physics Letters, 2011, 98, .	1.5	97
79	Process optimization of preparing honeycomb-patterned polystyrene films by breath figure method. Journal of Mechanical Science and Technology, 2011, 25, 33-36.	0.7	19
80	Thermoelectric properties of <i>n</i> -type C60 thin films and their application in organic thermovoltaic devices. Applied Physics Letters, 2011, 99, .	1.5	83
81	Thermal Radiation From a Photonic Crystal of Silica-Particles. , 2011, , .		0
82	Heat Conduction in a Nano-Porous Material and Its Application. , 2011, , .		0
83	Preparation under High Humidity Conditions of Nanoporous Polymer Film with 80 nm Minimum Pore Size. Applied Physics Express, 2010, 3, 025201.	1.1	5
84	Temperature Measurements by Using MEMS(<Special Issue>The 1st Symposium on Micro-Nano) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 Engineers, Part C, 2010, 76, 1890-1892.	0.2	0
85	Analytical and Experimental Studies of Diffuser/Nozzle Valve-Less Micro-Pump(Fluids Engineering). 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2010, 76, 839-844.	0.2	0
86	Improved thermoelectric performance of highly-oriented nanocrystalline bismuth antimony telluride thin films. Thin Solid Films, 2010, 519, 619-624.	0.8	58
87	Improved thermoelectric performance of organic thin-film elements utilizing a bilayer structure of pentacene and 2,3,5,6-tetrafluoro-7,7,8,8-tetracyanoquinodimethane (F4-TCNQ). Applied Physics Letters, 2010, 96, .	1.5	97
88	Thermal Conductivity of Nano-Porous Bismuth Antimony Telluride. , 2010, , .		0
89	Cross-plane thermal conductivity of highly oriented nanocrystalline bismuth antimony telluride thin films. Journal of Alloys and Compounds, 2010, 490, L44-L47.	2.8	41
90	B134 Honeycomb-patterned porous polymer film prepared by breath figure method. The Proceedings of the Thermal Engineering Conference, 2010, 2010, 53-54.	0.0	0

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91	818 Fabrication and Numerical Analysis of Self-Organized Porous Thin Film. The Proceedings of Conference of Kyushu Branch, 2010, 2010.63, 311-312.	0.0	0
92	MNM-4A-5 Thermoelectric thin film deposition on a porous alumina. The Proceedings of the Symposium on Micro-Nano Science and Technology, 2010, 2010.2, 179-180.	0.0	0
93	808 Thermal Radiation Properties of Silica Microstructures with Nonperiodicity. The Proceedings of Conference of Kyushu Branch, 2010, 2010.63, 291-292.	0.0	0
94	Development of Al ₂ O ₃ -ZnO/Ca ₃ Co ₄ O ₉ Module for Thermoelectric Power Generation. Materials Research Society Symposia Proceedings, 2009, 1166, 23.	0.1	10
95	Numerical Calculation for Phonon Properties of a Nano-Porous Si. , 2009, , .		1
96	Fabrication and Evaluation of a Thermoelectric Microdevice on a Free-Standing Substrate. Journal of Electronic Materials, 2009, 38, 1326-1330.	1.0	22
97	Heat Conduction of a Porous Material. , 2009, , .		0
98	Multi-Objective Optimization of Blood-Pump with Conical Spiral Groove Bearings. , 2009, , 285-290.		4
99	Structural and thermoelectric properties of fine-grained Bi _{0.4} Te _{3.0} Sb _{1.6} thin films with preferred orientation deposited by flash evaporation method. Thin Solid Films, 2008, 516, 6336-6343.	0.8	51
100	Spectral Reflectance of the Close-Packed Structure of Silica Microspheres. International Journal of Thermophysics, 2008, 29, 2136-2148.	1.0	1
101	Leak detection in pipe using transient flow and genetic algorithm. Journal of Mechanical Science and Technology, 2008, 22, 1930-1936.	0.7	4
102	Effect of grain size on thermoelectric properties of n-type nanocrystalline bismuth-telluride based thin films. Journal of Applied Physics, 2008, 104, .	1.1	133
103	Measurements of Thermal Conductivity of Thin Films by 3-Omega Method. , 2008, , .		1
104	Preparation and characterization of Bi _{0.4} Te _{3.0} Sb _{1.6} nanoparticles and their thin films. Journal of Alloys and Compounds, 2008, 462, 351-355.	2.8	41
105	Report on 6th U.S.â€“Japan Joint Seminar on Nanoscale Transport Phenomenaâ€“Science and Engineering. Nanoscale and Microscale Thermophysical Engineering, 2008, 12, 273-293.	1.4	1
106	Development of Diffuser/Nozzle Based Valve-Less Micro-Pump. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2008, 74, 323-328.	0.2	0
107	Development of Diffuser/Nozzle Based Valveless Micropump. Journal of Fluid Science and Technology, 2008, 3, 999-1007.	0.2	9
108	Molecular Dynamics Simulations of Heat Conduction in Thin Film With Nano-Holes. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
109	Analytical and Experimental Studies of Diffuser/Nozzle Valve-Less Micro-Pump. , 2008, , .		0
110	The Development of the Micro-Generator on the Substrate Based Thin Film. , 2008, , .		0
111	Experimental Study of Dynamic Characteristics of a Centrifugal Blood Pump With a Conical Spiral Groove Bearing for a Ventricular Assist Device. , 2007, , 1187.		6
112	Improvement of thermoelectric properties by introducing nanostructures into $\text{Bi}_{2-x}\text{Te}_3$ thin films. , 2007, , .		0
113	Thermoelectric properties of n-type nanocrystalline bismuth-telluride-based thin films deposited by flash evaporation. Journal of Applied Physics, 2007, 101, 074301.	1.1	95
114	Thermoelectric Micro-Cooler of Bismuth Telluride Thin Films. , 2007, , 335.		0
115	Fabrication and characterization of $\text{Bi}_{0.4}\text{Te}_{3.0}\text{Sb}_{1.6}$ thin films by flash evaporation method. Journal of Alloys and Compounds, 2007, 441, 246-250.	2.8	38
116	Development of a micro-generator based on Bi_2Te_3 thin films. , 2007, , .		1
117	Molecular Dynamics Simulations of Heat Conduction in Nano-Structured Silicon. , 2007, , .		0
118	Fabrication and characterization of bismuth-telluride-based alloy thin film thermoelectric generators by flash evaporation method. Sensors and Actuators A: Physical, 2007, 138, 329-334.	2.0	170
119	Characteristics of the Diffuser/Nozzle Valve-Less Micro-Pump. , 2007, , .		0
120	Structure and thermoelectric properties of boron doped nanocrystalline $\text{Si}_{0.8}\text{Ge}_{0.2}$ thin film. Journal of Applied Physics, 2006, 100, 054315.	1.1	69
121	Fabrication of n-type Bismuth-Telluride Thin Films by Flash Evaporation Method. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 2006, 72, 1793-1798.	0.2	10
122	Reflectivity of Photonic Crystals Self-assembled with Silica Spheres. Journal of Thermal Science and Technology, 2006, 1, 12-19.	0.6	3
123	Heat conduction in microstructured materials. IEEE Transactions on Components and Packaging Technologies, 2006, 29, 247-253.	1.4	24
124	Flash Evaporated Thin Films of Bismuth Telluride. , 2006, , .		1
125	Periodic Micro-structures for Thermal Radiation Control. Hosokawa Powder Technology Foundation ANNUAL REPORT, 2006, 14, 122-127.	0.0	0
126	Thermal Properties of Bio-inspired Materials. Hyomen Kagaku, 2006, 27, 86-89.	0.0	0

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127	Genetic Algorithm Simulations of n-Alkanes. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2005, 71, 596-601.	0.2	0
128	Thermal Radiative Properties of Photonic Crystals. , 2005, , 1347.		0
129	Dynamic behavior of a pump-turbine during transient operation. The Proceedings of Conference of Kyushu Branch, 2004, 2004.57, 247-248.	0.0	0
130	Rapid Droplet Generation by Cell Sorters. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2003, 69, 2577-2582.	0.2	0
131	Genetic algorithm simulation for deposited structure of atoms. Surface Science, 2002, 501, 93-101.	0.8	8
132	Development of a bubble actuated micro pump. The Proceedings of Conference of Kyushu Branch, 2002, 2002.55, 111-112.	0.0	2
133	Nanoscale analysis of heat transport phenomena in semiconductor. The Proceedings of Conference of Kyushu Branch, 2002, 2002.55, 209-210.	0.0	0
134	Dynamic behavior of a pump-turbine during transient operation. The Proceedings of Conference of Kyushu Branch, 2002, 2002.55, 115-116.	0.0	0
135	Atomic hydrogen temperature in silane plasmas used for the deposition of a-Si:H films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1999, 17, 3197-3201.	0.9	5
136	Effect of laser-induced dissociation of SiH ₃ radicals in SiH ₄ plasmas during atomic hydrogen measurements using laser-induced fluorescence by a two-photon excitation. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1999, 17, 155-158.	0.9	4
137	Genetic Algorithm Simulation for Deposited Structure of Atoms.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1999, 65, 469-474.	0.2	0
138	Detection of hydrogen atoms in silane plasmas using laser-induced fluorescence by Lyman-alpha two-photon and simultaneous Balmer-alpha excitations. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1997, 15, 149-153.	0.9	15
139	Nucleation in Thin Film Processing. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1997, 63, 261-266.	0.2	0
140	Laser-induced dissociation of molecules during measurements of hydrogen atoms in processing plasmas using two-photon laser-induced fluorescence. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1996, 14, 125-131.	0.9	21
141	Diagnostics for the spatial distribution of hydrogen atoms around the divertor region. Journal of Nuclear Materials, 1995, 220-222, 563-566.	1.3	4
142	Two-photon laser-induced fluorescence measurements of absolute atomic hydrogen densities and powder formation in a silane discharge. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1994, 12, 831-834.	0.9	12
143	Comparison of various two-photon excitation schemes for laser-induced fluorescence spectroscopy in atomic hydrogen. Journal of the Optical Society of America B: Optical Physics, 1994, 11, 2155.	0.9	43
144	Micro-fabrication of Bi/sub 2/Te/sub 3/ by using micro-jet. , 0, , .		1

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145	Fabrication of micro-thin film thermocouples. , 0, , .		0