

Tatsumi Tatsumi Kitahara

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6452323/publications.pdf>

Version: 2024-02-01

132
papers

1,254
citations

471509

17
h-index

414414

32
g-index

132
all docs

132
docs citations

132
times ranked

835
citing authors

#	ARTICLE	IF	CITATIONS
1	Microporous layer coated gas diffusion layers for enhanced performance of polymer electrolyte fuel cells. <i>Journal of Power Sources</i> , 2010, 195, 2202-2211.	7.8	134
2	Hydrophilic and hydrophobic double microporous layer coated gas diffusion layer for enhancing performance of polymer electrolyte fuel cells under no-humidification at the cathode. <i>Journal of Power Sources</i> , 2012, 199, 29-36.	7.8	102
3	Novel hydrophilic and hydrophobic double microporous layer coated gas diffusion layer to enhance performance of polymer electrolyte fuel cells under both low and high humidity. <i>Journal of Power Sources</i> , 2013, 234, 129-138.	7.8	81
4	Triple microporous layer coated gas diffusion layer for performance enhancement of polymer electrolyte fuel cells under both low and high humidity conditions. <i>Journal of Power Sources</i> , 2014, 248, 1256-1263.	7.8	74
5	Gas diffusion layers coated with a microporous layer containing hydrophilic carbon nanotubes for performance enhancement of polymer electrolyte fuel cells under both low and high humidity conditions. <i>Journal of Power Sources</i> , 2015, 283, 115-124.	7.8	72
6	Piston ring friction in internal combustion engines. <i>Tribology International</i> , 1992, 25, 299-308.	5.9	64
7	Effect of through-plane distribution of polytetrafluoroethylene in carbon paper on in-plane gas permeability. <i>Journal of Power Sources</i> , 2014, 248, 822-830.	7.8	44
8	Direct water balance analysis on a polymer electrolyte fuel cell (PEFC): Effects of hydrophobic treatment and micro-porous layer addition to the gas diffusion layer of a PEFC on its performance during a simulated start-up operation. <i>Journal of Power Sources</i> , 2007, 171, 457-463.	7.8	43
9	Effect of through-plane polytetrafluoroethylene distribution in gas diffusion layers on performance of proton exchange membrane fuel cells. <i>Journal of Power Sources</i> , 2016, 306, 289-299.	7.8	39
10	Comparison of humidified hydrogen and partly pre-reformed natural gas as fuel for solid oxide fuel cells applying computational fluid dynamics. <i>International Journal of Heat and Mass Transfer</i> , 2014, 77, 1008-1022.	4.8	37
11	Electrochemical Impedance Spectroscopy Analysis of an Anode-Supported Microtubular Solid Oxide Fuel Cell. <i>Journal of the Electrochemical Society</i> , 2010, 157, B1686.	2.9	29
12	Microporous layer-coated gas diffusion layer to reduce oxygen transport resistance in a polymer electrolyte fuel cell under high humidity conditions. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 9547-9555.	7.1	29
13	Reliability of the numerical SOFC models for estimating the spatial current and temperature variations. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 15311-15324.	7.1	28
14	Studies on Friction Characteristics of Reciprocating Engines. , 1995, , .		24
15	Electrochemical Impedance Parameters for the Diagnosis of a Polymer Electrolyte Fuel Cell Poisoned by Carbon Monoxide in Reformed Hydrogen Fuel. <i>Journal of Fuel Cell Science and Technology</i> , 2008, 5, .	0.8	23
16	Evaluation of tribological properties of bearing materials for marine diesel engines utilizing acoustic emission technique. <i>Tribology International</i> , 2012, 46, 183-189.	5.9	22
17	In-situ diagnosis and assessment of longitudinal current variation by electrode-segmentation method in anode-supported microtubular solid oxide fuel cells. <i>Journal of Power Sources</i> , 2015, 279, 218-223.	7.8	21
18	Current and temperature distributions in-situ acquired by electrode-segmentation along a microtubular solid oxide fuel cell operating with syngas. <i>Journal of Power Sources</i> , 2015, 293, 1053-1061.	7.8	20

#	ARTICLE	IF	CITATIONS
19	Water vapor exchange system using a hydrophilic microporous layer coated gas diffusion layer to enhance performance of polymer electrolyte fuel cells without cathode humidification. Journal of Power Sources, 2012, 214, 100-106.	7.8	18
20	Effects of lubricant viscosity on the mixed lubrication of a piston ring pack in an internal combustion engine. Lubrication Science, 2003, 15, 101-117.	2.1	16
21	Mass transport limitation in inlet periphery of fuel cells: Studied on a planar Solid Oxide Fuel Cell. International Journal of Hydrogen Energy, 2018, 43, 17420-17430.	7.1	15
22	Best Combination of Gas Diffusion Layers for Polymer Electrolyte Fuel Cell under Cathode Condition of Very Low Humidity. ECS Transactions, 2009, 16, 1603-1613.	0.5	14
23	Effect of Electrode Mixing Conditions on the Performance of Lithium-Ion Batteries Analyzed by Fast Fourier Transform Electrochemical Impedance Spectroscopy. ECS Transactions, 2015, 64, 87-95.	0.5	14
24	Friction characteristics of piston rings in a reciprocating engine. Lubrication Science, 1993, 6, 21-40.	2.1	12
25	Influences of Gas Diffusion Layer Design Parameters on the Performance of Polymer Electrolyte Fuel Cells. ECS Transactions, 2007, 5, 27-36.	0.5	12
26	Processes Involving in the Temperature Variations in Solid Oxide Fuel Cells In-Situ Analyzed through Electrode-Segmentation Method. Journal of the Electrochemical Society, 2016, 163, F216-F224.	2.9	12
27	Thermal Analysis of a Microtubular Solid Oxide Fuel Cell Using Electrochemical Impedance Spectroscopy. ECS Transactions, 2009, 25, 359-368.	0.5	11
28	Studies on the Characteristics of Piston Ring Friction.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1992, 58, 2293-2298.	0.2	10
29	Direct Current Distribution Measurement of an Electrolyte-Supported Planar Solid Oxide Fuel Cell under the Rib and Channel by Segmented Electrodes. ECS Transactions, 2015, 68, 2217-2226.	0.5	10
30	Current Distribution Measurement of a Microtubular Solid Oxide Fuel Cell. ECS Transactions, 2013, 57, 727-732.	0.5	9
31	Real-time electrochemical impedance spectroscopy diagnosis of the solid oxide fuel cell for marine power applications. Heat and Mass Transfer, 2018, 54, 2551-2558.	2.1	9
32	Influences of Gas Diffusion Layer Permeability on the Performance of Polymer Electrolyte Fuel Cells. 880-02 Nihon Kikai Gakkai Ronbunshu Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2008, 74, 2221-2228.	0.2	8
33	Influence of Hydrophilic and Hydrophobic Triple MPL Coated GDL on the Oxygen Transport Resistance in a PEFC under High Humidity Conditions. ECS Transactions, 2015, 69, 1313-1322.	0.5	8
34	Effects of Clamp Load on PEFC Performance and Over Voltages (Comparison of Contact Pressure) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Society of Mechanical Engineers Series B B-hen, 2006, 72, 1007-1012.	0.2	7
35	Three-dimensional flow channel arrangements in an anode-supported honeycomb solid oxide fuel cell. Heat and Mass Transfer, 2018, 54, 2545-2550.	2.1	7
36	Effects of Design Parameters in Paper Type Gas Diffusion Layer on the Performance of Polymer Electrolyte Fuel Cells (Measures to Prevent Flooding and Drying-Up). Journal of Environment and Engineering, 2009, 4, 338-345.	0.2	6

#	ARTICLE	IF	CITATIONS
37	Influence of Gas Diffusion Layers on PEFC Performance under No-Humidification Using Anode Gas Recirculation(Thermal Engineering). 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2010, 76, 1956-1963.	0.2	6
38	Characteristics of Piston Ring Friction : Influences of Lubricating Oil Properties. JSME International Journal Series C-Mechanical Systems Machine Elements and Manufacturing, 1995, 38, 593-600.	0.1	5
39	Experimental Studies on an Externally Pressurized Crosshead-Pin Bearing.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1997, 63, 2832-2838.	0.2	5
40	Effects of Design Parameters in Paper Type Gas Diffusion Layer on the Performance of Polymer Electrolyte Fuel Cells (Measures to Prevent Flooding and Drying-Up). 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2008, 74, 183-189.	0.2	5
41	Influence of Hydrophilic and Hydrophobic Double MPL Coated GDL on PEFC Performance without Cathode Humidification. ECS Transactions, 2010, 33, 1089-1097.	0.5	5
42	Mass Transfer in an Anode-Supported Honeycomb Solid Oxide Fuel Cell. ECS Transactions, 2015, 64, 135-142.	0.5	5
43	Effects of Clamp Load on PEFC Performance and Over Voltages (Comparison of Performance between) Tj ETQq1 1 0.784314 rgBT /Over Mechanical Engineers Series B B-hen, 2006, 72, 752-757.	0.2	4
44	Effects of Design Parameters in Paper Type GDL on PEFC Performance (Effects of Hydrophobic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46 RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2006, 72, 758-763.	0.2	4
45	Analysis of Water Balance in PEFC at Transient Operation Mode (Effects of Hydrophobic Treatment and) Tj ETQq1 1 0.784314 rgBT /Over RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2006, 72, 764-770.	0.2	4
46	Influence of Gas Diffusion Layers with Microporous Layer on the Performance of Polymer Electrolyte Fuel Cells. ECS Transactions, 2009, 25, 1735-1744.	0.5	4
47	Development of a PEFC with Serpentine Hybrid Pattern Gas Channels : 1st Report, Design and Performance of the PEFC. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2009, 75, 569-576.	0.2	4
48	Influence of Anode Gas Recirculation on the PEFC Performance under No-Humidification at the Cathode(Thermal Engineering). 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2010, 76, 95-100.	0.2	4
49	Influences of Microporous Layer Design Parameters for Gas Diffusion Layer on Permeability and PEFC Performance. Journal of Environment and Engineering, 2011, 6, 17-27.	0.2	4
50	Hydrophilic and Hydrophobic Double MPL Coated GDL to Enhance PEFC Performance under Low and High Humidity Conditions. ECS Transactions, 2011, 41, 593-601.	0.5	4
51	Current Distribution Analysis of a Microtubular Solid Oxide Fuel Cell with Surface Temperature Measurements. ECS Transactions, 2011, 35, 1087-1096.	0.5	4
52	Flow Channel Configurations of an Anode-Supported Honeycomb Solid Oxide Fuel Cell. ECS Transactions, 2013, 57, 815-822.	0.5	4
53	Influence of GDL Coated with MPL Containing CNTs on PEFC Performance Under Low and High Humidity Conditions. ECS Transactions, 2014, 64, 477-483.	0.5	4
54	Analysis of water behavior in PEFC through 3D thermal and temperature distribution measurement by ultrafine thermocouples. Transactions of the JSME (in Japanese), 2014, 80, TEPO364-TEPO364.	0.2	4

#	ARTICLE	IF	CITATIONS
55	Microporous Layer-Coated Gas Diffusion Layer for Performance Enhancement of Polymer Electrolyte Fuel Cells without Humidification Using Anode Gas Recirculation. Journal of the Electrochemical Society, 2016, 163, F1366-F1372.	2.9	4
56	In-Situ Analysis of the in-Plane Current Distributions in an Electrolyte-Supported Planar Solid Oxide Fuel Cell by Segmented Electrodes. ECS Transactions, 2017, 75, 91-98.	0.5	4
57	Improved Scuffing Resistance of Marine Cylinder Oil under High Temperature Condition. Journal of the Japan Institute of Marine Engineering, 2006, 41, 303-309.	0.0	4
58	Lubrication of Piston Ring Pack.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1993, 59, 1504-1511.	0.2	3
59	Study on the Mixed Lubrication of Piston Rings in Internal Combustion Engine.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1995, 61, 1123-1128.	0.2	3
60	Friction Characteristics of Piston and Piston Rings.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1998, 64, 676-682.	0.2	3
61	Lubrication Characteristics of an Externally Pressurized Crosshead-Pin Bearing.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1999, 65, 3401-3407.	0.2	3
62	Influence of Triple MPL Coated GDL on the PEFC Performance under Low and High Humidity. ECS Transactions, 2013, 58, 1401-1408.	0.5	3
63	Impedance Spectra Associated with Metal Deposition at the Negative Electrode from Contaminating Metal Particles at the Positive Electrode in a Lithium Ion Battery. ECS Transactions, 2017, 75, 27-36.	0.5	3
64	Segmented Electrode Analysis of an Anode-Supported Planar Solid Oxide Fuel Cell for the Diagnosis of Marine Power Applications. ECS Transactions, 2017, 78, 2109-2113.	0.5	3
65	Impedance Spectroscopy to Prevent Performance Degradation due to Sea Salt for Marine Polymer Electrolyte Fuel Cells. Journal of the Japan Institute of Marine Engineering, 2018, 53, 417-422.	0.0	3
66	Electrochemical Impedance Diagnosis of Abnormal Operational Conditions for Reliability of Polymer Electrolyte Fuel Cells in Marine Power Application -Sea Salt Contamination-. ECS Transactions, 2019, 92, 341-349.	0.5	3
67	Impedance Analysis of a Micro Tubular Solid Oxide Fuel Cell : 1st Report, Separate Analysis of the Impedances of the Anode and Cathode(Thermal Engineering). 880-02 Nihon Kikai Gakkai Ronbunshu Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2009, 75, 1510-1516.	0.2	3
68	In-situ Measurement of Current Distribution in the Solid Oxide Fuel Cell for Marine Power Applications. Journal of the Japan Institute of Marine Engineering, 2018, 53, 230-236.	0.0	3
69	Studies on the measuring method of the total friction loss of internal combustion engines. Review of Automotive Engineering, 1994, 15, 101-107.	0.2	2
70	Influence of Overlay on Seizure Resistance of Crosshead-Pin Bearings.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2002, 68, 255-262.	0.2	2
71	Influences of Wedge Geometry Incorporated Oil-Grooves on Lubrication Characteristics for Crosshead-Pin Bearings. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2003, 69, 1404-1409.	0.2	2
72	Development of a PEFC with Parallel Hybrid Pattern Gas Channels (1st Report, Design and Performance) Tj ETQq0 0 0 rgBT /Overlock 10 Mechanical Engineers Series B B-hen, 2008, 74, 995-1002.	0.2	2

#	ARTICLE	IF	CITATIONS
73	Estimation of Water Layer Thickness Adjacent to the Cathode Catalyst Layer of a PEFC (Analysis Using) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2008 Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2009, 75, 577-584.	0.5	2
74	Development of a PEFC with Serpentine Hybrid Pattern Gas Channels : 2nd Report, Effects of the Flow Velocity in a Low Pressure Channel. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2009, 75, 577-584.	0.2	2
75	Hydrophilic and Hydrophobic Double MPL Coated Gas Diffusion Layer to Prevent Drying-Up and Flooding of Polymer Electrolyte Fuel Cells. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2012, 78, 1849-1859.	0.2	2
76	Influence of Convective Heat Transfer by Air Flow on Local Current/Temperatures along Microtubular Solid Oxide Fuel Cells In-situ Identified by Electrodesegmentation Method for Co- and Counter-flow Configurations. ECS Transactions, 2015, 68, 2141-2150.	0.5	2
77	Enhancement of fuel transfer in anode-supported honeycomb solid oxide fuel cells. Journal of Physics: Conference Series, 2016, 745, 032082.	0.4	2
78	In-Situ Analysis of the in-Plane Current Distribution Difference between Electrolyte-Supported and Anode-Supported Planar Solid Oxide Fuel Cells by Segmented Electrodes. ECS Transactions, 2017, 78, 2203-2209.	0.5	2
79	Gas Diffusion Media and NaCl Contamination of Polymer Electrolyte Fuel Cells for Marine Applications. ECS Transactions, 2018, 86, 271-279.	0.5	2
80	Monitoring of Abnormal Vibration to Prevent Seizure of Crosshead Bearings. Journal of the Japan Institute of Marine Engineering, 2004, 39, 335-342.	0.0	2
81	Abnormal Diagnosis for Reliable and Durable Marine Solid Oxide Fuel Cells with Real-time Electrochemical Impedance Spectroscopy. Journal of the Japan Institute of Marine Engineering, 2016, 51, 792-797.	0.0	2
82	Trends of Piston Ring Tribology and Lubricating Oil Technology for Marine Diesel Engines. Journal of the Japan Institute of Marine Engineering, 2022, 57, 3-10.	0.0	2
83	Experimental Studies on Friction and Scuffing Resistance of Ceramics for Cylinder Linear and Piston Ring., 1991, 34, 271-277.		1
84	Studies on Measurement Method of Total Friction Loss of Internal Combustion Engines.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1994, 60, 1866-1871.	0.2	1
85	Analysis of Electric Generation Distribution on PEFC Electrode (1st Report, Electric Generation) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2008 Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2007, 73, 631-637.	0.2	1
86	Development of a PEFC with Parallel Hybrid Pattern Gas Channels (2nd Report, Performance and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2008 Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2008, 74, 1003-1009.	0.2	1
87	Analysis of Electric Generation Distribution on a PEFC Electrode (2nd Report, Electric Generation) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2008 Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2008, 74, 678-683.	0.2	1
88	Development of a PEFC with Parallel Hybrid Pattern Gas Channels (3rd Report, Effects of GDL Design) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2008 Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2008, 74, 1010-1017.	0.2	1
89	Impedance Analysis of the Anode and Cathode Impedances of a Micro Tubular Solid Oxide Fuel Cell : 2nd Report, Separation of the Anode and Cathode Overpotentials(Thermal Engineering). 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2009, 75, 1517-1523.	0.2	1
90	Influences of Microporous Layer Design Parameters for Gas Diffusion Layer on Permeability and PEFC Performance(Thermal Engineering). 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2009, 75, 1524-1531.	0.2	1

#	ARTICLE	IF	CITATIONS
91	Influence of PTFE Content in Microporous Layer Coated Gas Diffusion Layer on Hydrophobicity and PEFC Performance(Thermal Engineering). 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2010, 76, 101-107.	0.2	1
92	Development of a PEFC with Serpentine Hybrid Pattern Gas Channels : 3rd Report, Effects of Co- and Counter-Flows on the Stability of the Output Voltage. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2010, 76, 1011-1018.	0.2	1
93	Hydrophilic and Hydrophobic Double MPL Coated Gas Diffusion Layer for Enhanced PEFC Performance under No-Humidification at the Cathode(Thermal Engineering). 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2010, 76, 2218-2226.	0.2	1
94	In-Plane Liquid Water Distribution at the Interface between the Gas Diffusion Layer and Catalyst Layer in the Cathode of a Polymer Electrolyte Fuel Cell with a Hybrid Pattern Flow Field. ECS Transactions, 2013, 50, 291-299.	0.5	1
95	Development of a PEFC with Serpentine Hybrid Pattern Gas Channels (5th Report, Electrochemical) Tj ETQq1 1 0.784314 rgBT /Overlo Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2013, 79, 2774-2785.	0.2	1
96	Water vapor exchange system installed in a polymer electrolyte fuel cell to enhance the performance without humidification. Transactions of the JSME (in Japanese), 2014, 80, TEPO363-TEPO363.	0.2	1
97	In Situ Measured Spatial Temperature Variations for Improving Reliability of Numerical SOFC Tools. ECS Transactions, 2017, 78, 2191-2201.	0.5	1
98	Hydrophilic and Hydrophobic Microporous Layer Coated Gas Diffusion Layer for Enhancing PEFC Performance. ECS Transactions, 2021, 104, 117-127.	0.5	1
99	Marine Solid Oxide Fuel Cells Having Honeycomb Structures. Journal of the Japan Institute of Marine Engineering, 2021, 56, 762-765.	0.0	1
100	Enhanced Performance of Marine Polymer Electrolyte Fuel Cell without Humidification Using Anode Gas Recirculation. Journal of the Japan Institute of Marine Engineering, 2016, 51, 784-791.	0.0	1
101	Embryonic Development of Frogs Under ELF Magnetic or Electric Fields. IEEE Translation Journal on Magnetics in Japan, 1987, 2, 859-860.	0.1	0
102	Experimental studies on friction and scuffing resistance of ceramics for cylinder liner and piston ring.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1989, 55, 3069-3074.	0.2	0
103	Experimental Studies on Friction Characteristics of Cam/Tappet.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1992, 58, 289-294.	0.2	0
104	Studies on the Characteristics of Piston Ring Friction. Influences of Oil Properties.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1993, 59, 1186-1191.	0.2	0
105	Characteristics of Piston Ring Friction. Influences of Piston Ring Specifications.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1996, 62, 2811-2817.	0.2	0
106	Influence of Used Oil on Piston Ring Friction.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2001, 67, 2019-2025.	0.2	0
107	Influences of Taper Geometry Modified Oil-Grooves on Load Carrying Capacity of Crosshead Bearings. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2005, 71, 1102-1108.	0.2	0
108	Influences of Taper Geometry Modified Oil-Grooves on Load Carrying Capacity of Crosshead Bearings. JSME International Journal Series C-Mechanical Systems Machine Elements and Manufacturing, 2006, 49, 618-624.	0.3	0

#	ARTICLE	IF	CITATIONS
109	Improved Load Carrying Capacity of Crosshead Bearings (Measurement of Oil Film Thickness using LIF) Tj ETQq1 1 0.784314 rgBT /Over Engineers, Part C, 2006, 72, 2668-2675.	0.2	0
110	Analysis of Water Balance in a PEFC at Transient Operation Mode (Effects of the Properties of Gas) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Engineers Series B B-hen, 2008, 74, 2648-2655.	0.2	0
111	A Study on the Exhaust Process of the Product Water in the PEFC by EDX Mapping of a Tracer(Thermal) Tj ETQq1 1 0.784314 rgBT /O Engineers Series B B-hen, 2009, 75, 1119-1126.	0.2	0
112	Cyclic Voltammetry Analysis of the Cathode Active Catalyst Area of a Power Generating Polymer Electrolyte Fuel Cell(Thermal Engineering). 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2009, 75, 2068-2075.	0.2	0
113	Effect of Flow Field Pattern and Microporous Layer on Gas Purge of a Polymer Electrolyte Fuel Cell. ECS Transactions, 2010, 33, 937-944.	0.5	0
114	Development of a PEFC with Serpentine-Interdigitated Hybrid Pattern Gas Channels. ECS Transactions, 2010, 33, 927-935.	0.5	0
115	Development of a PEFC with Serpentine Hybrid Pattern Gas Channels (4th Report, PEFC Performance) Tj ETQq1 1 0.784314 rgBT /Over Mechanical Engineers Series B B-hen, 2011, 77, 1138-1146.	0.2	0
116	Water Vapor Exchange Flow Channels to Enhance the Performance of Polymer Electrolyte Fuel Cells without Cathode Humidification. ECS Transactions, 2013, 58, 1799-1805.	0.5	0
117	Real-Time Electrochemical Impedance Spectroscopy Diagnosis of the Marine Solid Oxide Fuel Cell. Journal of Physics: Conference Series, 2016, 745, 032149.	0.4	0
118	Effect of gas flow channel structure on the performance of an anode-supported honeycomb solid oxide fuel cell. Transactions of the JSME (in Japanese), 2018, 84, 17-00419-17-00419.	0.2	0
119	Influence of Carbon Deposition on the Current Distribution in an Anode-Supported Planar Solid Oxide Fuel Cell In-Situ Assessed by Segmented Electrodes. ECS Transactions, 2019, 91, 549-554.	0.5	0
120	Report on Visit to Hydrogen Energy Test and Research Center & Hydrogen Energy Center at Kyushu University. Journal of the Japan Institute of Marine Engineering, 2021, 56, 296-296.	0.0	0
121	Performance Enhancement of Marine Polymer Electrolyte Fuel Cells without Humidification. Journal of the Japan Institute of Marine Engineering, 2021, 56, 755-761.	0.0	0
122	Diagnosis of Metal Particle Contamination in Lithium-ion Secondary Battery. Journal of the Japan Institute of Marine Engineering, 2021, 56, 782-785.	0.0	0
123	Vibration Monitoring to Diagnose Incipient Seizure of Crosshead Bearings. Journal of the Japan Institute of Marine Engineering, 2006, 41, 78-84.	0.0	0
124	4809 Effects of Design Parameters in GDL on PEFC Performance. The Proceedings of the JSME Annual Meeting, 2006, 2006.3, 319-320.	0.0	0
125	0517 Development of Evaluation Method and Apparatus for the GDL Performance of a PEFC. The Proceedings of the JSME Annual Meeting, 2007, 2007.3, 65-66.	0.0	0
126	Improved Load Carrying Capacity of Crosshead Bearings. Journal of the Japan Institute of Marine Engineering, 2009, 44, 258-265.	0.0	0

#	ARTICLE	IF	CITATIONS
127	AC Impedance Method to Detect Abnormal Operational Conditions for Marine Polymer Electrolyte Fuel Cells. Journal of the Japan Institute of Marine Engineering, 2018, 53, 223-229.	0.0	0
128	Performance Enhancement of Marine Polymer Electrolyte Fuel Cells under both Low and High Humidity Conditions. Journal of the Japan Institute of Marine Engineering, 2019, 54, 160-167.	0.0	0
129	Foreword for Special Issue "Recent Technologies for Marine Power and Energy Systems". Journal of the Japan Institute of Marine Engineering, 2019, 54, 123-123.	0.0	0
130	Impedance Diagnosis of Abnormal Operational Conditions to Enhance Reliability of Marine Fuel Cells. Journal of the Japan Institute of Marine Engineering, 2019, 54, 287-297.	0.0	0
131	Assessing Degradation of Marine Solid Oxide Fuel Cells Fed with Methane Fuel. Journal of the Japan Institute of Marine Engineering, 2019, 54, 168-173.	0.0	0
132	Chairman's Report on Symposium: "Recent Technologies for Marine Power and Energy Systems". Journal of the Japan Institute of Marine Engineering, 2019, 54, 124-127.	0.0	0