

Tatsumi Tatsumi Kitahara

List of Publications by Year in descending order

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132
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132
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835
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Hydrophilic and Hydrophobic Microporous Layer Coated Gas Diffusion Layer for Enhancing PEFC Performance. ECS Transactions, 2021, 104, 117-127.	0.5	1
4	Marine Solid Oxide Fuel Cells Having Honeycomb Structures. Journal of the Japan Institute of Marine Engineering, 2021, 56, 762-765.	0.0	1
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	Gas Diffusion Media and NaCl Contamination of Polymer Electrolyte Fuel Cells for Marine Applications. ECS Transactions, 2018, 86, 271-279.	0.5	2
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	In Situ Measured Spatial Temperature Variations for Improving Reliability of Numerical SOFC Tools. ECS Transactions, 2017, 78, 2191-2201.	0.5	1
25	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
26	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
27	Enhancement of fuel transfer in anode-supported honeycomb solid oxide fuel cells. Journal of Physics: Conference Series, 2016, 745, 032082.	0.4	2
28	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
29	Microporous layer-coated gas diffusion layer to reduce oxygen transport resistance in a polymer electrolyte fuel cell under high humidity conditions. International Journal of Hydrogen Energy, 2016, 41, 9547-9555.	7.1	29
30	Reliability of the numerical SOFC models for estimating the spatial current and temperature variations. International Journal of Hydrogen Energy, 2016, 41, 15311-15324.	7.1	28
31	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
32	Real-Time Electrochemical Impedance Spectroscopy Diagnosis of the Marine Solid Oxide Fuel Cell. Journal of Physics: Conference Series, 2016, 745, 032149.	0.4	0
33	Effect of through-plane polytetrafluoroethylene distribution in gas diffusion layers on performance of proton exchange membrane fuel cells. Journal of Power Sources, 2016, 306, 289-299.	7.8	39
34	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
35	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
36	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

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37	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. Journal of Power Sources, 2015, 283, 115-124.	7.8	72
38	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
39	In-situ diagnosis and assessment of longitudinal current variation by electrode-segmentation method in anode-supported microtubular solid oxide fuel cells. Journal of Power Sources, 2015, 279, 218-223.	7.8	21
40	Current and temperature distributions in-situ acquired by electrode-segmentation along a microtubular solid oxide fuel cell operating with syngas. Journal of Power Sources, 2015, 293, 1053-1061.	7.8	20
41	Mass Transfer in an Anode-Supported Honeycomb Solid Oxide Fuel Cell. ECS Transactions, 2015, 64, 135-142.	0.5	5
42	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
43	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
44	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
45	Triple microporous layer coated gas diffusion layer for performance enhancement of polymer electrolyte fuel cells under both low and high humidity conditions. Journal of Power Sources, 2014, 248, 1256-1263.	7.8	74
46	Comparison of humidified hydrogen and partly pre-reformed natural gas as fuel for solid oxide fuel cells applying computational fluid dynamics. International Journal of Heat and Mass Transfer, 2014, 77, 1008-1022.	4.8	37
47	Effect of through-plane distribution of polytetrafluoroethylene in carbon paper on in-plane gas permeability. Journal of Power Sources, 2014, 248, 822-830.	7.8	44
48	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
49	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
50	Current Distribution Measurement of a Microtubular Solid Oxide Fuel Cell. ECS Transactions, 2013, 57, 727-732.	0.5	9
51	Flow Channel Configurations of an Anode-Supported Honeycomb Solid Oxide Fuel Cell. ECS Transactions, 2013, 57, 815-822.	0.5	4
52	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. Journal of Power Sources, 2013, 234, 129-138.	7.8	81
53	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
54	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

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55	Influence of Triple MPL Coated GDL on the PEFC Performance under Low and High Humidity. ECS Transactions, 2013, 58, 1401-1408.	0.5	3
56	Development of a PEFC with Serpentine Hybrid Pattern Gas Channels (5th Report, Electrochemical) Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2013, 79, 2774-2785.	0.2	1
57	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
58	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
59	Hydrophilic and hydrophobic double microporous layer coated gas diffusion layer for enhancing performance of polymer electrolyte fuel cells under no-humidification at the cathode. Journal of Power Sources, 2012, 199, 29-36.	7.8	102
60	Evaluation of tribological properties of bearing materials for marine diesel engines utilizing acoustic emission technique. Tribology International, 2012, 46, 183-189.	5.9	22
61	Development of a PEFC with Serpentine Hybrid Pattern Gas Channels (4th Report, PEFC Performance) Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2011, 77, 1138-1146.	0.2	0
62	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
63	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
64	Current Distribution Analysis of a Microtubular Solid Oxide Fuel Cell with Surface Temperature Measurements. ECS Transactions, 2011, 35, 1087-1096.	0.5	4
65	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
66	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
67	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
68	Microporous layer coated gas diffusion layers for enhanced performance of polymer electrolyte fuel cells. Journal of Power Sources, 2010, 195, 2202-2211.	7.8	134
69	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
70	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
71	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
72	Electrochemical Impedance Spectroscopy Analysis of an Anode-Supported Microtubular Solid Oxide Fuel Cell. Journal of the Electrochemical Society, 2010, 157, B1686.	2.9	29

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73	Influence of Hydrophilic and Hydrophobic Double MPL Coated GDL on PEFC Performance without Cathode Humidification. ECS Transactions, 2010, 33, 1089-1097.	0.5	5
74	Development of a PEFC with Serpentine-Interdigitated Hybrid Pattern Gas Channels. ECS Transactions, 2010, 33, 927-935.	0.5	0
75	Thermal Analysis of a Microtubular Solid Oxide Fuel Cell Using Electrochemical Impedance Spectroscopy. ECS Transactions, 2009, 25, 359-368.	0.5	11
76	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
77	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
78	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
79	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
80	A Study on the Exhaust Process of the Product Water in the PEFC by EDX Mapping of a Tracer(Thermal) Tj ETQq0 0 0 rgBT /Overlock 10 Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2009, 75, 1119-1126.	0.2	0
81	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
82	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
83	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
84	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
85	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 RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2009, 75, 1510-1516.	0.2	3
86	Improved Load Carrying Capacity of Crosshead Bearings. Journal of the Japan Institute of Marine Engineering, 2009, 44, 258-265.	0.0	0
87	Development of a PEFC with Parallel Hybrid Pattern Gas Channels (2nd Report, Performance and) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2008, 74, 1003-1009.	0.2	1
88	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
89	Analysis of Electric Generation Distribution on a PEFC Electrode (2nd Report, Electric Generation) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2008, 74, 678-683.	0.2	1
90	Development of a PEFC with Parallel Hybrid Pattern Gas Channels (3rd Report, Effects of GDL Design) Tj ETQq0 0 0 rgBT /Overlock 10 Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2008, 74, 1010-1017.	0.2	1

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91	Influences of Gas Diffusion Layer Permeability on the Performance of Polymer Electrolyte Fuel Cells. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2008, 74, 2221-2228.	0.2	8
92	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
93	Development of a PEFC with Parallel Hybrid Pattern Gas Channels (1st Report, Design and Performance) Tj ETQq1 1 0.784314 rgBT /O Mechanical Engineers Series B B-hen, 2008, 74, 995-1002.	0.2	2
94	Electrochemical Impedance Parameters for the Diagnosis of a Polymer Electrolyte Fuel Cell Poisoned by Carbon Monoxide in Reformed Hydrogen Fuel. Journal of Fuel Cell Science and Technology, 2008, 5, .	0.8	23
95	Estimation of Water Layer Thickness Adjacent to the Cathode Catalyst Layer of a PEFC (Analysis Using) Tj ETQq1 1 0.784314,rgBT /Over 0.5	0.5	2
96	Analysis of Electric Generation Distribution on PEFC Electrode (1st Report, Electric Generation) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2007, 73, 631-637.	0.2	1
97	Influences of Gas Diffusion Layer Design Parameters on the Performance of Polymer Electrolyte Fuel Cells. ECS Transactions, 2007, 5, 27-36.	0.5	12
98	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. Journal of Power Sources, 2007, 171, 457-463.	7.8	43
99	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
100	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
101	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
102	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
103	Effects of Clamp Load on PEFC Performance and Over Voltages (Comparison of Performance between) Tj ETQq1 1 0.784314 rgBT /O Mechanical Engineers Series B B-hen, 2006, 72, 752-757.	0.2	4
104	Effects of Design Parameters in Paper Type GDL on PEFC Performance (Effects of Hydrophobic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22 RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2006, 72, 758-763.	0.2	4
105	Analysis of Water Balance in PEFC at Transient Operation Mode (Effects of Hydrophobic Treatment and) Tj ETQq1 1 0.784314 rgBT /O RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2006, 72, 764-770.	0.2	4
106	Vibration Monitoring to Diagnose Incipient Seizure of Crosshead Bearings. Journal of the Japan Institute of Marine Engineering, 2006, 41, 78-84.	0.0	0
107	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
108	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

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109	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
110	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
111	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
112	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
113	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
114	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
115	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
116	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
117	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
118	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
119	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
120	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
121	Studies on Friction Characteristics of Reciprocating Engines. , 1995, , .		24
122	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
123	Studies on Measurement Method of Total Friction Loss of Internal Combustion Engines.. 880-02 Nihon Kikai Gakkai Ronbunshu Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1994, 60, 1866-1871.	0.2	1
124	Friction characteristics of piston rings in a reciprocating engine. Lubrication Science, 1993, 6, 21-40.	2.1	12
125	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
126	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

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127	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
128	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
129	Piston ring friction in internal combustion engines. Tribology International, 1992, 25, 299-308.	5.9	64
130	Experimental Studies on Friction and Scuffing Resistance of Ceramics for Cylinder Linear and Piston Ring.. , 1991, 34, 271-277.		1
131	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
132	Embryonic Development of Frogs Under ELF Magnetic or Electric Fields. IEEE Translation Journal on Magnetics in Japan, 1987, 2, 859-860.	0.1	0