

# Atsuki Komiya

## List of Publications by Year in descending order

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137  
papers

2,425  
citations

201674

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254184

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137  
docs citations

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times ranked

1582  
citing authors

#	ARTICLE	IF	CITATIONS
1	Production behavior and numerical analysis for 2017 methane hydrate extraction test of Shenhu, South China Sea. <i>Journal of Natural Gas Science and Engineering</i> , 2018, 53, 55-66.	4.4	176
2	Enhancement of gas production from methane hydrate reservoirs by the combination of hydraulic fracturing and depressurization method. <i>Energy Conversion and Management</i> , 2019, 184, 194-204.	9.2	133
3	Construction and simulation of reservoir scale layered model for production and utilization of methane hydrate: The case of Nankai Trough Japan. <i>Energy</i> , 2018, 143, 128-140.	8.8	96
4	Numerical analysis of gas production from layered methane hydrate reservoirs by depressurization. <i>Energy</i> , 2019, 166, 1106-1119.	8.8	88
5	Combined heat transfer of radiation and natural convection in a square cavity containing participating gases. <i>International Journal of Heat and Mass Transfer</i> , 2011, 54, 5087-5099.	4.8	85
6	Initiation process and propagation mechanism of positive streamer discharge in water. <i>Journal of Applied Physics</i> , 2014, 116, .	2.5	69
7	A new approach to optimizing pigmented coatings considering both thermal and aesthetic effects. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2009, 110, 192-204.	2.3	64
8	Dimensionless solutions and general characteristics of bioheat transfer during thermal therapy. <i>Journal of Thermal Biology</i> , 2009, 34, 377-384.	2.5	62
9	Numerical analysis of gas production from reservoir-scale methane hydrate by depressurization with a horizontal well: The effect of permeability anisotropy. <i>Marine and Petroleum Geology</i> , 2019, 102, 817-828.	3.3	55
10	Controlling the radiative properties of cool black-color coatings pigmented with CuO submicron particles. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2014, 132, 90-98.	2.3	53
11	Development of phase-shifting interferometry for measurement of isothermal diffusion coefficients in binary solutions. <i>Optics and Lasers in Engineering</i> , 2012, 50, 1287-1296.	3.8	52
12	Investigation on the dissociation flow of methane hydrate cores: Numerical modeling and experimental verification. <i>Chemical Engineering Science</i> , 2017, 163, 31-43.	3.8	48
13	Comparison between aesthetic and thermal performances of copper oxide and titanium dioxide nano-particulate coatings. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2011, 112, 1197-1204.	2.3	45
14	Photothermal therapy of tumors in lymph nodes using gold nanorods and near-infrared laser light with controlled surface cooling. <i>Nano Research</i> , 2015, 8, 3842-3852.	10.4	43
15	Numerical analysis of core-scale methane hydrate dissociation dynamics and multiphase flow in porous media. <i>Chemical Engineering Science</i> , 2016, 153, 221-235.	3.8	43
16	Production strategy for oceanic methane hydrate extraction and power generation with Carbon Capture and Storage (CCS). <i>Energy</i> , 2017, 126, 256-272.	8.8	40
17	The effect of particles size distribution on aesthetic and thermal performances of polydisperse TiO <sub>2</sub> pigmented coatings: Comparison between numerical and experimental results. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2012, 113, 594-606.	2.3	39
18	Development of guarded hot plate apparatus utilizing Peltier module for precise thermal conductivity measurement of insulation materials. <i>International Journal of Heat and Mass Transfer</i> , 2015, 91, 1157-1166.	4.8	39

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19	Influence of radiation effect on turbulent natural convection in cubic cavity at normal temperature atmospheric gas. <i>International Journal of Heat and Mass Transfer</i> , 2017, 104, 456-466.	4.8	38
20	Development and estimation of a novel cryoprobe utilizing the Peltier effect for precise and safe cryosurgery. <i>Cryobiology</i> , 2009, 59, 275-284.	0.7	37
21	The effects of TiO <sub>2</sub> pigmented coatings characteristics on temperature and brightness of a coated black substrate. <i>Solar Energy</i> , 2012, 86, 200-207.	6.1	37
22	The Effects of Using Some Common White Pigments on Thermal and Aesthetic Performances of Pigmented Coatings. <i>Journal of Thermal Science and Technology</i> , 2009, 4, 131-145.	1.1	33
23	Measurement of Soret and Fickian diffusion coefficients by orthogonal phase-shifting interferometry and its application to protein aqueous solutions. <i>Journal of Chemical Physics</i> , 2013, 139, 074203.	3.0	33
24	Report on Microgravity Experiments of Dynamic Surface Deformation Effects on Marangoni Instability in High-Prandtl-Number Liquid Bridges. <i>Microgravity Science and Technology</i> , 2018, 30, 599-610.	1.4	33
25	Proposal for a low CO <sub>2</sub> emission power generation system utilizing oceanic methane hydrate. <i>Energy</i> , 2012, 47, 340-347.	8.8	32
26	A novel treatment for metastatic lymph nodes using lymphatic delivery and photothermal therapy. <i>Scientific Reports</i> , 2017, 7, 45459.	3.3	32
27	Rapid yet accurate measurement of mass diffusion coefficients by phase shifting interferometer. <i>Journal Physics D: Applied Physics</i> , 1999, 32, 995-999.	2.8	28
28	Bifurcation analysis of steady natural convection in a tilted cubical cavity with adiabatic sidewalls. <i>Journal of Fluid Mechanics</i> , 2014, 756, 650-688.	3.4	28
29	Spatiotemporal analysis of propagation mechanism of positive primary streamer in water. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	27
30	Precise and short-time measurement method of mass diffusion coefficients. <i>Experimental Thermal and Fluid Science</i> , 2006, 30, 535-543.	2.7	26
31	Continuous measurement of an artificial upwelling of deep sea water induced by the perpetual salt fountain. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2007, 54, 75-84.	1.4	26
32	Evidences of increasing primary production in the ocean by Stommel's perpetual salt fountain. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011, 58, 567-574.	1.4	25
33	Evaluation of rate-determining step of methane hydrate decomposition by measurement of transient heat and mass transfer near solid-gas interface. <i>International Journal of Heat and Mass Transfer</i> , 2020, 149, 119191.	4.8	24
34	Discrete Ordinates Radiation Element Method for Radiative Heat Transfer in Three-Dimensional Participating Media. <i>Numerical Heat Transfer, Part B: Fundamentals</i> , 2007, 51, 121-140.	0.9	22
35	Nutrient transport from an artificial upwelling of deep sea water. <i>Journal of Oceanography</i> , 2009, 65, 349-359.	1.7	22
36	Regenerative cooling using elastocaloric rubber: Analytical model and experiments. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	22

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37	Infrared Radiative Properties of Thin Polyethylene Coating Pigmented With Titanium Dioxide Particles. <i>Journal of Heat Transfer</i> , 2010, 132, .	2.1	21
38	High-speed phase-shifting interferometry using triangular prism for time-resolved temperature measurement. <i>Applied Optics</i> , 2015, 54, 6297.	2.1	21
39	Numerical Study of Non-Gray Radiation and Natural Convection Using the Full-Spectrumk-Distribution Method. <i>Numerical Heat Transfer; Part A: Applications</i> , 2012, 61, 61-84.	2.1	20
40	Evaluation method for radiative heat transfer in polydisperse water droplets. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2008, 109, 1-15.	2.3	19
41	Flat-Plate Solar Collector Performance with Coated and Uncoated Glass Cover. <i>Heat Transfer Engineering</i> , 2006, 27, 46-53.	1.9	18
42	Development of quasi common path phase-shifting interferometer for measurement of natural convection fields. <i>International Journal of Heat and Mass Transfer</i> , 2012, 55, 7460-7470.	4.8	18
43	Large eddy simulation of turbulent natural convection between symmetrically heated vertical parallel plates for water. <i>International Journal of Heat and Mass Transfer</i> , 2016, 101, 870-877.	4.8	18
44	Experimental evaluation of thermal radiation effects on natural convection with a Rayleigh number of $108 \times 10^9$ by using an interferometer. <i>International Journal of Heat and Mass Transfer</i> , 2019, 132, 1239-1249.	4.8	18
45	Transition from multiplicity to singularity of steady natural convection in a tilted cubical enclosure. <i>Physical Review E</i> , 2015, 92, 023031.	2.1	16
46	Three-step phase-shifting imaging ellipsometry to measure nanofilm thickness profiles. <i>Optics and Lasers in Engineering</i> , 2019, 112, 145-150.	3.8	16
47	24-gauge ultrafine cryoprobe with diameter of $550 \frac{1}{4} \mu\text{m}$ and its cooling performance. <i>Cryobiology</i> , 2014, 69, 411-418.	0.7	15
48	Numerical simulation of stability behaviors and heat transfer characteristics for near-critical fluid microchannel flows. <i>Energy Conversion and Management</i> , 2016, 110, 407-418.	9.2	15
49	Law of the wall for a temporally evolving vertical natural convection boundary layer. <i>Journal of Fluid Mechanics</i> , 2020, 902, .	3.4	15
50	Three-dimensional continuation study of convection in a tilted rectangular enclosure. <i>Physical Review E</i> , 2013, 88, 043015.	2.1	14
51	Control of thermal barrier performance by optimized nanoparticle size and experimental evaluation using a solar simulator. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2014, 149, 81-89.	2.3	14
52	Quantitative visualization of boundary layers by developing quasi-common-path phase-shifting interferometer. <i>Experimental Thermal and Fluid Science</i> , 2015, 60, 231-240.	2.7	14
53	Visualization Study of Supercritical Fluid Convection and Heat Transfer in Weightlessness by Interferometry: A Brief Review. <i>Microgravity Science and Technology</i> , 2017, 29, 275-295.	1.4	14
54	Computer simulation for postmortem cooling processes in the outer ear. <i>Legal Medicine</i> , 2007, 9, 55-62.	1.3	13

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55	Numerical investigation on gas production from Shenhu (China): Influence of layer inclination and horizontal inhomogeneities. <i>Journal of Natural Gas Science and Engineering</i> , 2020, 82, 103509.	4.4	13
56	Numerical analysis of gas production from large-scale methane hydrate sediments with fractures. <i>Energy</i> , 2021, 236, 121485.	8.8	13
57	Description of the adhesive crystal growth under normal and micro-gravity conditions employing experimental and numerical approaches. <i>Journal of Crystal Growth</i> , 2002, 245, 278-288.	1.5	12
58	Measurement of the Molecular Mass Dependence of the Mass Diffusion Coefficient in Protein Aqueous Solutions. <i>Defect and Diffusion Forum</i> , 0, 326-328, 452-458.	0.4	12
59	Interferometric measurement and numerical comparisons of supersonic heat transfer flows in microchannel. <i>Applied Thermal Engineering</i> , 2016, 109, 582-590.	6.0	12
60	Measurement of transient heat transfer in vicinity of gas-liquid interface using high-speed phase-shifting interferometer. <i>International Communications in Heat and Mass Transfer</i> , 2017, 89, 57-63.	5.6	12
61	A review analysis of gas hydrate tests: engineering progress and policy trend. <i>Environmental Geotechnics</i> , 2022, 9, 242-258.	2.3	12
62	Effects of rounding errors on postmortem temperature measurements caused by thermometer resolution. <i>International Journal of Legal Medicine</i> , 2007, 121, 267-273.	2.2	11
63	Treatment of tumor in lymph nodes using near-infrared laser light-activated thermosensitive liposome-encapsulated doxorubicin and gold nanorods. <i>Journal of Biophotonics</i> , 2017, 10, 1676-1682.	2.3	11
64	Coherent regime and far-to-near-field transition for radiative heat transfer. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 187, 310-321.	2.3	11
65	Radiative control through greenhouse covering materials using pigmented coatings. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2019, 231, 29-36.	2.3	11
66	Fast propagation of an underwater secondary streamer by the appearance of a continuous component in the discharge current. <i>Europhysics Letters</i> , 2014, 105, 15003.	2.0	10
67	Effects of concentration of participating media on turbulent natural convection in cubic cavity. <i>Applied Thermal Engineering</i> , 2018, 131, 141-149.	6.0	10
68	Uniform thermal conditions on 3-D object: Optimal power estimation of panel heaters in a 3-D radiant enclosure. <i>International Journal of Thermal Sciences</i> , 2012, 51, 63-76.	4.9	9
69	Development of a guard-heated thermistor probe for the accurate measurement of surface temperature. <i>International Journal of Heat and Mass Transfer</i> , 2017, 108, 2283-2292.	4.8	9
70	Optical Method for Simultaneous High-Resolution Measurement of Heat and Fluid Flow: The Case of Rayleigh-Bénard Convection. <i>Physical Review Applied</i> , 2020, 14, .	3.8	9
71	Dynamic imaging and analysis of transient mass transfer process using pixelated-array masked phase-shifting interferometry. <i>International Journal of Heat and Mass Transfer</i> , 2021, 174, 121339.	4.8	9
72	Boiling heat transfer in small channel for development of ultrafine cryoprobe. <i>International Journal of Heat and Fluid Flow</i> , 2010, 31, 1012-1018.	2.4	8

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73	Thermal therapy and evaluation by a precise temperature control device. Heat Transfer - Asian Research, 2011, 40, 114-124.	2.8	8
74	Analysis of Evaporative Heat Transfer by Expansion Bubble in a Microchannel for High Heat Flux Cooling. Journal of Thermal Science and Technology, 2012, 7, 740-752.	1.1	8
75	Output density quantification of electricity generation by flowing deionized water on graphene. Applied Physics Letters, 2020, 117, .	3.3	8
76	High Grashof number turbulent natural convection on an infinite vertical wall. Journal of Fluid Mechanics, 2021, 929, .	3.4	8
77	Quantitative visualization of injection jet flow behaviors of transcritical and supercritical processes by pixelated phase-shifting interferometer. Experimental Thermal and Fluid Science, 2022, 139, 110729.	2.7	8
78	Estimation of temperature distribution in biological tissue by using solutions of bioheat transfer equation. Heat Transfer - Asian Research, 2008, 37, 374-386.	2.8	7
79	The Flexible Cryoprobe Using Peltier Effect for Heat Transfer Control. Journal of Biomechanical Science and Engineering, 2008, 3, 138-150.	0.3	7
80	Propagation and branching process of negative streamers in water. Journal of Applied Physics, 2018, 124, 163301.	2.5	7
81	Resonance-driven heat transfer enhancement in a natural convection boundary layer perturbed by a moderate impinging jet. Physical Review Fluids, 2021, 6, .	2.5	7
82	Asymptotic analysis of boundary thermal-wave process near the liquid-gas critical point. Physics of Fluids, 2022, 34, .	4.0	7
83	Cooling Characteristics of Ultrafine Cryoprobe Utilizing Convective Boiling Heat Transfer in Microchannel. , 2010, , .		6
84	Experimental evaluation of optimization method for developing ultraviolet barrier coatings. Journal of Quantitative Spectroscopy and Radiative Transfer, 2014, 133, 454-463.	2.3	6
85	Highly Temporal Visualization of Generation Process of Underwater Secondary Streamer From Developed Primary Streamer. IEEE Transactions on Plasma Science, 2014, 42, 2398-2399.	1.3	5
86	Study of methane hydrate as a future energy resource: low emission extraction and power generation. IOP Conference Series: Earth and Environmental Science, 2016, 40, 012074.	0.3	5
87	Measurement of Transient Double Diffusive Convection and Crystal Growth Using Real-Time Phase-Shifting Interferometer.. JSME International Journal Series B, 2001, 44, 561-567.	0.3	4
88	Design and Feasibility Analysis of Microscale Bumped Channel With Supersonic Flow for Electronics Cooling. Journal of Microelectromechanical Systems, 2016, 25, 1033-1040.	2.5	4
89	Thermal Therapy and Evaluation by Precise Temperature Control Device(Thermal Engineering). 880-02 Nihon Kikai Gakkai Ronbunshu Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2009, 75, 2055-2059.	0.2	3
90	Measurement of Mass Diffusion Coefficient of Multi-Component System in Aqueous Media by Phase Shifting Interferometer. Defect and Diffusion Forum, 0, 297-301, 624-630.	0.4	3

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91	Study of Supersonic Micro-Channel for Cooling Electronic Devices. , 2013, , .		3
92	Experimental and Numerical Evaluation of Small-Scale Cryosurgery Using Ultrafine Cryoprobe. Journal of Nanotechnology in Engineering and Medicine, 2013, 4, .	0.8	3
93	Preliminary experiment of supersonic micro-channel gas flow visualization by using Interferometer. Journal of Fluid Science and Technology, 2014, 9, JFST0069-JFST0069.	0.6	3
94	Measurement of concentration dependency of diffusion coefficient in ethanol-water solution under different storage condition. Journal of Fluid Science and Technology, 2018, 13, JFST0030-JFST0030.	0.6	3
95	Numerical Modelling of Gas Production from the Oceanic Gas Hydrate Reservoirs in Eastern Nankai Trough (AT1 site), Japan. Environmental Geotechnics, 2020, , 1-9.	2.3	3
96	Visualization of methane hydrate decomposition interface and analyses of decomposition rate and interfacial configuration. Physics of Fluids, 2020, 32, .	4.0	3
97	Evaluation of forced convective boiling heat transfer with layered parallel microchannels. Journal of Thermal Science and Technology, 2020, 15, JTST0006-JTST0006.	1.1	3
98	Low-energy activation of large convective heat transfer via flow resonance triggered by impinging jet. International Journal of Heat and Mass Transfer, 2022, 195, 123036.	4.8	3
99	Development of Precise-temperature-controlled Cooling Apparatus for Medical Application by Using Peltier Effect. , 2008, , .		2
100	THREE-DIMENSIONAL PHONON TRANSPORT SIMULATION FOR NANO/MICROSTRUCTURED MATERIALS. International Journal of Nanoscience, 2008, 07, 103-112.	0.7	2
101	Design of Plate-type Actuator using SMA Wire for Assistant Artificial Heart Muscle. Journal of Intelligent Material Systems and Structures, 2008, 19, 359-365.	2.5	2
102	Control of Radiative Properties of Coatings Pigmented With Fe <sub>2</sub> O <sub>3</sub> Nanoparticles. , 2011, , .		2
103	The Effect of Dispersed State to Control of Radiative Properties of Coatings Pigmented with Nanoparticles. Journal of Thermal Science and Technology, 2012, 7, 364-378.	1.1	2
104	Radiative properties of spectral selective coatings pigmented with TiO <sub>2</sub> nanoparticles. Heat Transfer - Asian Research, 2013, 42, 352-363.	2.8	2
105	Inverse Method for Estimating Local Thermal Diffusivity of Biomaterials. Journal of Thermal Science and Technology, 2013, 8, 395-406.	1.1	2
106	Estimation Method for Thermal Conductivity of Soft Materials and Liquids by Inverse Analysis. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2013, 79, 2264-2274.	0.2	2
107	Visualization of the flow pattern in methane hydrate reservoir model. Journal of Fluid Science and Technology, 2018, 13, JFST0028-JFST0028.	0.6	2
108	Measurement of Transient Transport Process of Different Molecules Across Mixed Fiber (CA-CN) Membrane by Pixelated-Array Masked Phase-Shifting Interferometer. Experimental Thermal and Fluid Science, 2021, , 110490.	2.7	2

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109	Measurement of dynamic wetting using phase-shifting imaging ellipsometer: comparison of pure solvent and nanoparticle suspension on film thickness profile, apparent contact angle, and precursor film length. <i>Experiments in Fluids</i> , 2021, 62, 1.	2.4	2
110	Effect of gas radiation-depended natural convection on the transition of spatially developing boundary layers. <i>International Journal of Heat and Mass Transfer</i> , 2021, 177, 121580.	4.8	2
111	Development of Various Cryoprobes Using Heat Transfer Control. , 2012, , 211-248.		2
112	Thermo-fluid dynamic design optimization of a concentric tube heat exchanger. <i>Journal of Fluid Science and Technology</i> , 2019, 14, JFST0011-JFST0011.	0.6	2
113	A Measurement Method of Thermal Conductivity of Soft Materials and Liquids by Utilizing a Point-Contact Method. <i>Netsu Bussei</i> , 2014, 26, 136-141.	0.1	2
114	Development of a Simple Structured Artificial Muscle Using SMA Wire. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	1
115	Precise Control of Frozen Region During Cryosurgery Utilizing Peltier Effect. , 2007, , 51.		1
116	Application of Traditional Medical Ideas to Geriatric Syndrome. <i>Advances in Geriatrics</i> , 2014, 2014, 1-20.	1.6	1
117	Estimation and measurement of permeability inside methane hydrate mimicking porous media. <i>Journal of Fluid Science and Technology</i> , 2016, 11, JFST0031-JFST0031.	0.6	1
118	Transition from the incoherent to the coherent regime for propagative-wave based thermal radiation. <i>Journal of Physics: Conference Series</i> , 2016, 676, 012023.	0.4	1
119	ICOPE-15-1012 Evaluation of power generation system utilizing ocean methane hydrate and chemical carbon capture and storage system. <i>The Proceedings of the International Conference on Power Engineering (ICOPE)</i> , 2015, 2015.12, _ICOPE-15--_ICOPE-15-.	0.0	1
120	NUMERICAL STUDY OF A TRANSITIONAL NATURAL VENTILATION FLOW DRIVEN BY A LINE SOURCE PLUME WITH VARIED REYNOLDS AND PRANDTL NUMBERS. <i>Computational Thermal Sciences</i> , 2011, 3, 511-519.	0.9	1
121	MEASUREMENT OF MASS DIFFUSION COEFFICIENT OF MICRO QUANTITY PROTEINS USING PHASE SHIFTING INTERFEROMETER. , 2006, , .		1
122	VISUALIZATION OF HEAT AND MASS TRANSFER NEAR THE FORMATION AND DISSOCIATION INTERFACE OF CO2 HYDRATE WITH HIGH-“SPEED PHASE-“SHIFTING INTERFEROMETER. , 2018, , .		1
123	IN-SITU MEASUREMENT OF SMALL DIFFUSION FIELDS USING A PHASE-SHIFTING INTERFEROMETER. <i>Journal of Flow Visualization and Image Processing</i> , 2006, 13, 243-264.	0.5	1
124	Evaluation of the Influence of Universal Buffer Solution on Diffusion Phenomena of Protein. <i>Netsu Bussei</i> , 2010, 24, 15-20.	0.1	1
125	LARGE EDDY SIMULATION OF THE DIFFUSION PROCESS OF NUTRIENT-RICH UP-WELLED SEAWATER. <i>Frontiers in Heat and Mass Transfer</i> , 2013, 4, .	0.2	1
126	Numerical Study of 3D Nonlinear Disturbance Growth in Transitional Natural Convection. , 2010, , .		0



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127	High-Tech Equipment for Moxibustion in Modern Medicine. , 0, , .		0
128	Radiative Properties of Wavelength Selection Coatings Pigmented with TiO <sub>2</sub> Nanoparticles. Netsu Bussei, 2014, 24, 177-182.	0.1	0
129	The effect of contact force during radiofrequency catheter ablation using a vibrating catheter: New cooling method for catheter ablation. Technology and Health Care, 2019, 27, 589-601.	1.2	0
130	Development of Precise Visualization System for Small Transient Diffusion Field of Protein Using Phase Shifting Interferometer. , 2007, , .		0
131	An Investigation of Concentration Dependency of Mass Diffusion Coefficients in Multi-Component Diffusion. , 2010, , .		0
132	Formation and Dissociation of Oceanic Methane Hydrate for a Low CO <sub>2</sub> Emission Power Generation System. , 2011, , .		0
133	Experimental and Numerical Evaluation of Small-Scale Cryosurgery Using Ultrafine Cryoprobe. , 2013, , .		0
134	Oceanic methane hydrate utilization system design and reservoir scale numerical modeling. Chinese Science Bulletin, 2018, 63, 3241-3250.	0.7	0
135	Visualization of Inception, Propagation, and Collapse Process of Underwater Positive Streamer. , 2019, , 859-862.		0
136	Thermo-Fluid Dynamic Design Exploration of a Double Pipe Heat Exchanger. , 2019, , .		0
137	Estimation of radiative thermal conductivity of glass wool using high precision GHP apparatus. Transactions of the JSME (in Japanese), 2022, , .	0.2	0