Hiroaki Kajikawa

List of Publications by Year
in descending order

29	134	1307594 7	1372567 10
papers	citations	h-index	g-index

29	29	29	127
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reproducibility of calibration results by 0-A-0 pressurization procedures for hydraulic pressure transducers. Measurement Science and Technology, 2014, 25, 015008.	2.6	14
2	Development of remote calibration system for pressure standard. Measurement: Journal of the International Measurement Confederation, 2012, 45, 2482-2485.	5.0	12
3	Sound Velocity and Attenuation in the Semiconductorâ€“Metal Transition Region of Fluid Selenium. Journal of the Physical Society of Japan, 2007, 76, 014604.	1.6	9
4	Precise determination of the pressure distortion coefficient of new controlled-clearance piston-cylinders based on the Heydemannâ€“Welch model. Review of Scientific Instruments, 2009, 80, 095101.	1.3	9
5	Effects of pressurization procedures on calibration results for precise pressure transducers. Measurement Science and Technology, 2010, 21, 065104.	2.6	9
6	Evaluation and correction for long-term drift of hydraulic pressure gauges monitoring stable and constant pressures. Measurement: Journal of the International Measurement Confederation, 2019, 134, 33-39.	5.0	9
7	Electronâ€“Ion-Coincidence Measurements for K-Shell Excited Free Krypton Clusters. Journal of the Physical Society of Japan, 2006, 75, 114801.	1.6	7
8	A high gas pressure calibration system using a liquid-lubricated pressure balance. Measurement: Journal of the International Measurement Confederation, 2017, 102, 106-111.	5.0	7
9	Development of a system for measuring head differential pressure and density of working fluid at high pressures. Measurement: Journal of the International Measurement Confederation, 2019, 131, 79-84.	5.0	6
10	Design of a high-pressure viscosity-measurement system using two pressure balances. Measurement Science and Technology, 2020, 31, 115302.	2.6	6
11	Features of a New Controlled-clearance Pressure Balance and In Situ Mass Calibration of Its Weights. Transactions of the Society of Instrument and Control Engineers, 2008, 44, 219-226.	0.2	6
12	Final report on supplementary comparison APMP.M.P-S8 in hydraulic gauge pressure from 100 MPa to 1000 MPa. Metrologia, 2010, 47, 07009-07009.	1.2	5
13	Method for altering deformational characteristics of controlled-clearance piston-cylinders. Measurement: Journal of the International Measurement Confederation, 2011, 44, 359-364.	5.0	5
14	A precursor of liquidâ€“liquid coexistence in the metalâ€“nonmetal transition range of fluid mercury. Journal of Non-Crystalline Solids, 2007, 353, 3362-3365.	3.1	4
15	Final report on key comparison APMP.M.P-K13 in hydraulic gauge pressure from 50 MPa to 500 MPa. Metrologia, 2015, 52, 07003-07003.	1.2	4
16	Final report on supplementary comparison APMP.M.P-S6 in gas gauge pressure from 10 MPa to 100 MPa. Metrologia, 2016, 53, 03002-03002.	1.2	4
17	Estimation of the effective area of the controlled-clearance pressure balance for pressures up to 500 MPa. , 2008, , .		3
18	Density measurement of pressure transmitting oil at high pressures up to 100 MPa by changing the vertical position of a precise pressure gauge. , 2017, , .		3

#	Article	IF	Citations
19	Precise sound velocity measurement for liquid Se50Te50 under high pressure. Journal of Non-Crystalline Solids, 2007, 353, 3358-3361.	3.1	2
20	Methods of precisely estimating the jacket pressure coefficient of controlled-clearance piston-cylinders at pressures up to 1â€‰GPa. Metrologia, 2011, 48, 352-358.	1.2	2
21	Effects of setting attitude of high gas pressure gauge on calibrated values. , 2017, , .		2
22	Slow Dynamics Due to the Metal-Nonmetal Transition in Liquids. Zeitschrift Fur Physikalische Chemie, 2003, 217, 803-816.	2.8	1
23	Final report on key comparison APMP.M.P-K7.1 in hydraulic gauge pressure from 10 MPa to 100 MPa. Metrologia, 2009, 46, 07008-07008.	1.2	1
24	Effect of the kind of gas medium on calibration values of high gas pressure transducers. Measurement: Journal of the International Measurement Confederation, 2019, 131, 358-361.	5.0	1
25	Calibration values uninfluenced by the kind of pressure medium and the setting posture for quartz Bourdon-type pressure transducers. Acta IMEKO (2012), 2019, 8, 25.	0.7	1
26	Improvement of reliability in pressure measurements and international mutual recognition. Synthesiology, 2012, 4, 212-226.	0.2	1
27	Reliable Pressure Measurements from National Pressure Standards to Measurements in Industrial Fields. Journal of the Japan Society for Precision Engineering, 2017, 83, 651-654.	0.1	1
28	Development of a new controlled-clearance pressure balance for hydraulic high-pressure standard. , 2007, , .		0
29	Estimation of Calibration Values of Quartz Bourdon-Type Pressure Transducers Using Various Gases. Mapan - Journal of Metrology Society of India, 2021, 36, 435-441.	1.5	0