

Kazuaki Fujita

List of Publications by Year in descending order

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papers

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1478505

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15
docs citations

15
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78
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of the Avogadro constant by the XRCD method using a ²⁸ Si-enriched sphere. Metrologia, 2017, 54, 716-729.	1.2	42
2	Realization of the Kilogram Based on the Planck Constant at NMIJ. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 1267-1274.	4.7	22
3	Surface Layer Analysis of a ²⁸ Si-Enriched Sphere Both in Vacuum and in Air by Ellipsometry. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 1283-1288.	4.7	16
4	Volume Measurement of a ²⁸ Si-Enriched Sphere for a Determination of the Avogadro Constant at NMIJ. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 1913-1920.	4.7	10
5	Development of a New Apparatus for SI Traceable Small Mass Measurements Using the Voltage Balance Method at NMIJ. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 9048-9055.	4.7	8
6	Reproducibility of the Realization of the Kilogram Based on the Planck Constant by the XRCD Method at NMIJ. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	4.7	6
7	Realization of the New Kilogram Using ²⁸ Si-Enriched Spheres and Dissemination of Mass Standards at NMIJ. Mapan - Journal of Metrology Society of India, 2020, 35, 491-498.	1.5	4
8	SI Traceable Small Mass Measurement Using the Voltage Balance Apparatus at NMIJ. , 2018, , .		3
9	Finite-Element Simulation of Effect of Surface Roughness of Coaxial Cylindrical Electrodes on Small Mass and Force Measurements Using Voltage Balance Apparatus. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-6.	4.7	3
10	Reproducibility of the Realization of the Kilogram Based on the Planck Constant by the XRCD method at NMIJ. , 2020, , .		2
11	Realization of the new kilogram by the XRCD method using ²⁸ Si-enriched spheres. Measurement: Sensors, 2021, 18, 100091.	1.7	2
12	Verifying the Reliability of a Voltage Balance Apparatus to Measure Small Mass and Force Standards at NMIJ. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-5.	4.7	2
13	Investigating Stability of Si Sphere Surface Layer in Ambientâ€“Vacuum Cyclic Measurements Using Ellipsometry. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-9.	4.7	2
14	Characterization of Vapor Adsorption on the Surface of Si Spheres by Ellipsometry. , 2018, , .		1
15	Finite element simulation of the effect of surface roughness of coaxial electrodes on small mass and force measurements using a voltage balance apparatus. Measurement: Sensors, 2021, 18, 100143.	1.7	1