

Hiroshi Shitomi

List of Publications by Year in descending order

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papers

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312
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of predictable quantum efficient detector in terms of optical non-linearity in the visible to near-infrared range. <i>Metrologia</i> , 2021, 58, 055012.	1.2	3
2	Perfect blackbody sheets from nano-precision microtextured elastomers for light and thermal radiation management. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5418-5425.	5.5	36
3	Large-Area Perfect Blackbody Sheets from Nano-Precision Microtextured Elastomers. , 2019, , .		0
4	Experimental validation of nonlinearity suppression for an inverse-layer-type silicon photodiode and its prediction based on theoretical modeling. <i>Applied Optics</i> , 2017, 56, 5804.	1.8	7
5	Fabrication of hard-coated optical absorbers with microstructured surfaces using etched ion tracks: Toward broadband ultra-low reflectance. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 356-357, 154-159.	1.4	11
6	A new absolute diffuse reflectance measurement in the near-IR region based on the modified double-sphere method. <i>Metrologia</i> , 2009, 46, S186-S190.	1.2	6
7	Photoluminescence from white reference materials for spectral diffuse reflectance measurements upon exposure to radiation shorter than 400 nm. <i>Metrologia</i> , 2006, 43, S36-S40.	1.2	6
8	Development of a new integrating sphere with uniform reflectance for absolute diffuse reflectance measurements. <i>Metrologia</i> , 2003, 40, S185-S188.	1.2	8
9	Absolute Asymmetric Photoreactions of Aliphatic Amino Acids by Circularly Polarized Synchrotron Radiation: Critically pH-Dependent Photobehavior. <i>Journal of the American Chemical Society</i> , 2002, 124, 11618-11627.	13.7	90
10	Synchronous enantiomeric enrichment of both reactant and product by absolute asymmetric synthesis using circularly polarized light. Part 3. Numerical simulation and experimental verification of the reversible asymmetric photoisomerization between methyl norbornadiene-2-carboxylate and methyl quadricyclane-1-carboxylate. <i>Perkin Transactions II RSC</i> , 2001, , 1706-1713.	1.1	7
11	Mechanism of pH-Dependent Photolysis of Aliphatic Amino Acids and Enantiomeric Enrichment of Racemic Leucine by Circularly Polarized Light. <i>Organic Letters</i> , 2001, 3, 921-924.	4.6	60
12	Optically Controlled Alignment of Liquid Crystal on Polyimide Films Exposed to Undulator Radiation. <i>Japanese Journal of Applied Physics</i> , 1999, 38, 176.	1.5	7
13	Nonresonant ionization detected IR spectrum of jet-cooled phenol. Ionization mechanism and its application to overtone spectroscopy. <i>Chemical Physics Letters</i> , 1998, 283, 243-250.	2.6	58
14	Nonresonant ionization detected IR spectroscopy for the vibrational study in a supersonic jet. <i>Chemical Physics Letters</i> , 1996, 252, 287-293.	2.6	78