

Yoshimoto Kohei

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

316
citations

1040056

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1372567

10
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12
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12
docs citations

12
times ranked

238
citing authors

#	ARTICLE	IF	CITATIONS
1	Low phonon energies and wideband optical windows of La ₂ O ₃ -Ga ₂ O ₃ glasses prepared using an aerodynamic levitation technique. Scientific Reports, 2017, 7, 45600.	3.3	84
2	Transparent and High Refractive Index La ₂ O ₃ -WO ₃ Glass Prepared Using Containerless Processing. Journal of the American Ceramic Society, 2012, 95, 3501-3504.	3.8	60
3	Thermal and optical properties of La ₂ O ₃ -Nb ₂ O ₅ high refractive index glasses. Optical Materials Express, 2014, 4, 710.	3.0	46
4	2.7 μ m Mid-Infrared Emission in Highly Erbium-Doped Lanthanum Gallate Glasses Prepared Via an Aerodynamic Levitation Technique. Advanced Optical Materials, 2018, 6, 1701283.	7.3	35
5	Thermal Stability, Optical Transmittance, and Refractive Index Dispersion of La ₂ O ₃ -Nb ₂ O ₅ -Al ₂ O ₃ Glasses. Journal of the American Ceramic Society, 2015, 98, 402-407.	3.8	34
6	Thermal and optical properties of La ₂ O ₃ -Ga ₂ O ₃ (Nb ₂ O ₅ or Ta ₂ O ₅) ternary glasses. Journal of the American Ceramic Society, 2018, 101, 3328-3336.	3.8	21
7	Bandgap control using strained beam structures for Si photonic devices. Optics Express, 2010, 18, 26492.	3.4	13
8	Principal Vibration Modes of the La ₂ O ₃ -Ga ₂ O ₃ Binary Glass Originated from Diverse Coordination Environments of Oxygen Atoms. Journal of Physical Chemistry B, 2020, 124, 5056-5066.	2.6	10
9	Fluorescence characterization of heavily Eu ³⁺ -doped lanthanum gallate glass spheres with high quenching concentration. Optics Letters, 2019, 44, 875.	3.3	10
10	Optical properties of novel oxyfluoride glasses on the systems of LaF ₃ -LaO _{3/2} -NbO _{5/2} and LaF ₃ -LaO _{3/2} -NbO _{5/2} -AlO _{3/2} . Journal of the American Ceramic Society, 2021, 104, 3963-3972.	3.8	2
11	Emission-wavelength control using a mechanically stressed micro-beam structure: GaAs on Si-on-insulator beam. , 2010, , .		0