

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
docs citations

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times ranked

238
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical properties of novel oxyfluoride glasses on the systems of LaF_3 – $\text{LaO}_{3/2}$ – $\text{NbO}_{5/2}$ and LaF_3 – $\text{LaO}_{3/2}$ – $\text{NbO}_{5/2}$ – $\text{AlO}_{3/2}$. <i>Journal of the American Ceramic Society</i> , 2021, 104, 3963-3972.	3.8	2
2	Principal Vibration Modes of the $\text{La}_{20}\text{O}_{30}$ – $\text{Ga}_{20}\text{O}_{30}$ Binary Glass Originated from Diverse Coordination Environments of Oxygen Atoms. <i>Journal of Physical Chemistry B</i> , 2020, 124, 5056-5066.	2.6	10
3	Fluorescence characterization of heavily Eu^{3+} -doped lanthanum gallate glass spheres with high quenching concentration. <i>Optics Letters</i> , 2019, 44, 875.	3.3	10
4	2.7 μm Mid-Infrared Emission in Highly Erbium-Doped Lanthanum Gallate Glasses Prepared Via an Aerodynamic Levitation Technique. <i>Advanced Optical Materials</i> , 2018, 6, 1701283.	7.3	35
5	Thermal and optical properties of $\text{La}_{20}\text{O}_{30}$ – $\text{Ga}_{20}\text{O}_{30}$ – $\text{Nb}_{20}\text{O}_{50}$ or $\text{Ta}_{20}\text{O}_{50}$ ternary glasses. <i>Journal of the American Ceramic Society</i> , 2018, 101, 3328-3336.	3.8	21
6	Low phonon energies and wideband optical windows of La_2O_3 - Ga_2O_3 glasses prepared using an aerodynamic levitation technique. <i>Scientific Reports</i> , 2017, 7, 45600.	3.3	84
7	Thermal Stability, Optical Transmittance, and Refractive Index Dispersion of $\text{La}_{20}\text{O}_{30}$ – $\text{Nb}_{20}\text{O}_{50}$ – $\text{Al}_{20}\text{O}_{30}$ Glasses. <i>Journal of the American Ceramic Society</i> , 2015, 98, 402-407.	3.8	34
8	Thermal and optical properties of $\text{La}_{20}\text{O}_{30}$ - $\text{Nb}_{20}\text{O}_{50}$ high refractive index glasses. <i>Optical Materials Express</i> , 2014, 4, 710.	3.0	46
9	Transparent and High Refractive Index $\text{La}_{20}\text{O}_{30}$ – WO_3 Glass Prepared Using Containerless Processing. <i>Journal of the American Ceramic Society</i> , 2012, 95, 3501-3504.	3.8	60
10	Bandgap control using strained beam structures for Si photonic devices. <i>Optics Express</i> , 2010, 18, 26492.	3.4	13
11	Emission-wavelength control using a mechanically stressed micro-beam structure: GaAs on Si-on-insulator beam. , 2010, , .		0