

Yuki Iwasa

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis, Electronic Structure, and Physical Properties of Layered Oxypnictides $\text{Sr}_2\text{ScCrAsO}_3$ and $\text{Ba}_3\text{Sc}_2\text{Cr}_2\text{As}_2\text{O}_5$. <i>Inorganic Chemistry</i> , 2021, 60, 1930-1936.	4.0	3
2	Synthesis, structure, and luminescence properties of layered oxychloride $\text{Ba}_3\text{Y}_2\text{O}_5\text{Cl}_2$. <i>Journal of Materials Chemistry C</i> , 2020, 8, 17162-17168.	5.5	3
3	Development of Tritium Tracer Doped Liquid Fuel Target for Inertial Confinement Fusion at the Gekko XII-LFEX Facility. <i>Fusion Science and Technology</i> , 2020, 76, 464-470.	1.1	3
4	Flux Crystal Growth, Crystal Structure, and Optical Properties of New Germanate Garnet $\text{Ce}_2\text{CaMg}_2\text{Ge}_3\text{O}_{12}$. <i>Frontiers in Chemistry</i> , 2020, 8, 91.	3.6	1
5	Petapascal Pressure Driven by Fast Isochoric Heating with a Multipicosecond Intense Laser Pulse. <i>Physical Review Letters</i> , 2020, 124, 035001.	7.8	26
6	Synthesis, optical properties, and band structures of a series of layered mixed-anion compounds. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 16827-16832.	2.2	3
7	Direct observation of imploded core heating via fast electrons with super-penetration scheme. <i>Nature Communications</i> , 2019, 10, 5614.	12.8	8
8	Infiltration growth processing of bulk mixed $\text{REBa}_2\text{Cu}_3\text{O}_{7-x}$ superconductors: nano-metal oxides and rare earth elements effects on microstructural properties. , 2019, , .		3
9	Controlled Generation of Double Emulsions for Laser Fusion Target Fabrication Using a Glass Capillary Microfluidic Device. <i>Fusion Science and Technology</i> , 2018, 73, 258-264.	1.1	8
10	Investigation of holmium-doped zirconium oxide ceramic phosphor as an ultraviolet wavelength-discriminating laser beam viewer. <i>Optical Materials</i> , 2018, 75, 347-349.	3.6	4
11	Synthesis and the physical properties of layered copper oxytellurides $\text{Sr}_2\text{TMCu}_2\text{Te}_2\text{O}_2$ (TM = Mn, Co, Zn). <i>Journal of Materials Chemistry C</i> , 2018, 6, 12260-12266.	5.5	15
12	Magnetized fast isochoric laser heating for efficient creation of ultra-high-energy-density states. <i>Nature Communications</i> , 2018, 9, 3937.	12.8	75
13	Luminescence properties of layered mixed-anion compounds $\text{Sr}_2\text{ScCuSeO}_3$ and $\text{Sr}_3\text{Sc}_2\text{Cu}_2\text{Se}_2\text{O}_5$. <i>Optical Materials</i> , 2018, 84, 205-208.	3.6	6
14	Optical damage assessment and recovery investigation of hydrogen-ion and deuterium-ion plasma-irradiated bulk ZnO single crystals. <i>Journal of Applied Physics</i> , 2017, 121, .	2.5	7
15	Cu-oleate microspheres fabricated by emulsion method as novel targets for fast ignition laser fusion experiments. <i>Fusion Engineering and Design</i> , 2017, 125, 89-92.	1.9	7
16	Optical transmittance investigation of 1-keV ion-irradiated sapphire crystals as potential VUV to NIR window materials of fusion reactors. <i>AIP Advances</i> , 2016, 6, .	1.3	1
17	ZnO crystal as a potential damage-recoverable window material for fusion reactors. <i>Optical Materials</i> , 2016, 62, 646-650.	3.6	6
18	Tritium-doping enhancement of polystyrene by ultraviolet laser and hydrogen plasma irradiation for laser fusion experiments. <i>Fusion Engineering and Design</i> , 2016, 112, 269-273.	1.9	0

#	ARTICLE	IF	CITATIONS
19	Development of multichannel low-energy neutron spectrometer. Review of Scientific Instruments, 2014, 85, 11E125.	1.3	5
20	Characterizing a fast-response, low-afterglow liquid scintillator for neutron time-of-flight diagnostics in fast ignition experiments. Review of Scientific Instruments, 2014, 85, 11E126.	1.3	9
21	Development of Multichannel Time-of-Flight Neutron Spectrometer for the Fast Ignition Experiment. Plasma and Fusion Research, 2014, 9, 4404110-4404110.	0.7	7
22	Parameter estimation for a pancreatic β^2 -cell model by gradient-descent learning with line search. , 0, , .		1