

Akira Yonesu

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidative activity and growth regulation of Brassicaceae induced by oxygen radical irradiation. Japanese Journal of Applied Physics, 2015, 54, 06GD01.	1.5	40
2	Sterilization characteristics of the surfaces of agricultural products using active oxygen species generated by atmospheric plasma and UV light. Japanese Journal of Applied Physics, 2014, 53, 05FR03.	1.5	30
3	Sterilization effect of nitrogen oxide radicals generated by microwave plasma using air. Vacuum, 2014, 110, 213-216.	3.5	22
4	Optical Spectra of Y3Al5O12(YAG) Single Crystals in the Vacuum Ultraviolet Region. II. Journal of the Physical Society of Japan, 1993, 62, 1388-1400.	1.6	19
5	Sterilization of Medical Equipment Using Air Torch Plasma Produced by Microwave Discharge. IEEE Transactions on Plasma Science, 2011, 39, 2976-2977.	1.3	15
6	Measurement of ion temperatures in a large-diameter electron cyclotron resonance plasma. Applied Physics Letters, 2001, 79, 3041-3043.	3.3	11
7	Characteristics of plasma sterilizer using microwave torch plasma with AC high-voltage discharge plasma. Japanese Journal of Applied Physics, 2016, 55, 01AB03.	1.5	10
8	Effect of gas composition on surface sterilization by using LF-microwave hybrid plasma source. Japanese Journal of Applied Physics, 2020, 59, SAAB02.	1.5	9
9	Anisotropic Optical Spectra of YAlO3(YAP) Single Crystals in the Vacuum Ultraviolet Region. II. Spectra of Reflectivity. Journal of the Physical Society of Japan, 1994, 63, 1976-1985.	1.6	8
10	Current Plasma Sterilization and Disinfection Studies. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2018, 31, 389-398.	0.3	7
11	Microwave plasma-assisted ionization of sputtered aluminum atoms in DC magnetron sputtering. Vacuum, 2006, 80, 671-674.	3.5	6
12	Time-Modulated LF-Microwave Hybrid Plasma for Surface Sterilization. IEEE Transactions on Plasma Science, 2021, 49, 154-161.	1.3	6
13	Decomposition of Proteins Using a Microwave Air Plasma Sterilizer. Transactions of the Materials Research Society of Japan, 2016, 41, 179-182.	0.2	5