Hisanao Hazama

List of Publications by Citations

18 papers	153 citations	7 h-index	12 g-index
18 ext. papers	184 ext. citations	3.1 avg, IF	2.15 L-index

#	Paper	IF	Citations
18	Construction of a novel stigmatic MALDI imaging mass spectrometer. *Applied Surface Science*, **2008**, 255, 1257-1263	6.7	40
17	A novel photodynamic therapy for drug-resistant prostate cancer cells using porphyrus envelope as a novel photosensitizer. *Photodiagnosis and Photodynamic Therapy*, **2014**, 11, 48-54	3.5	22
16	Localization-dependent cell-killing effects of protoporphyrin (PPIX)-lipid micelles and liposomes in photodynamic therapy. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 7578-84	3.4	17
15	Optical properties of tumor tissues grown on the chorioallantoic membrane of chicken eggs: tumor model to assay of tumor response to photodynamic therapy. *Journal of Biomedical Optics*, **2015**, 20, 125001	3.5	14
14	Endoscopic submucosal dissection using a carbon dioxide laser with submucosally injected laser absorber solution (porcine model). *Surgical Endoscopy and Other Interventional Techniques*, **2013**, 27, 4241-9	5.2	13
13	Ex vivo efficacy evaluation of laser vaporization for treatment of benign prostatic hyperplasia using a 300-W high-power laser diode with a wavelength of 980 nm. *Laser Therapy*, **2014**, 23, 165-72	0.8	8
12	Photodynamic therapy using a cytotoxic photosensitizer porphyrus envelope that targets the cell membrane. *Photodiagnosis and Photodynamic Therapy*, **2017**, 20, 238-245	3.5	7
11	Medical applications of reflectance spectroscopy in the diffusive and sub-diffusive regimes. *Journal of Near Infrared Spectroscopy*, **2018**, 26, 337-350	1.5	7
10	Enhancement of the safety and efficacy of colorectal endoscopic submucosal dissection using a CO laser. *Lasers in Medical Science*, **2020**, 35, 421-427	3.1	5
9	Development of laser ionization techniques for evaluation of the effect of cancer drugs using imaging mass spectrometry. *International Journal of Molecular Sciences*, **2014**, 15, 11234-44	6.3	4
8	Continuous flow atmospheric pressure laser desorption/ionization using a 6-7-μm-band mid-infrared tunable laser for biomolecular mass spectrometry. *International Journal of Molecular Sciences*, **2014**, 15, 10821-34	6.3	4
7	Effect of solvent on ionization efficiency in matrix-assisted laser desorption/ionization mass spectrometry of peptides. *Chemical Physics*, **2013**, 419, 196-199	2.3	3
6	Atmospheric pressure laser desorption/ionization using a 6-7 μm-band mid-infrared tunable laser and liquid water matrix. *Journal of Mass Spectrometry*, **2015**, 50, 65-70	2.2	3
5	Evaluation of Endovenous Laser Ablation for Varicose Veins Using a Computer Simulation Model (Secondary publication). *Laser Therapy*, **2017**, 26, 282-287	0.8	2
4	Theoretical analysis of correlation between ionization threshold fluence in IR-MALDI and IR absorption spectrum of matrix molecules. *International Journal of Quantum Chemistry*, **2013**, 113, 125-129	2.1	2
3	Continuous flow reduced-pressure infrared laser desorption/ionization mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2017**, 31, 1845-1850	2.2	1
2	Effective photodynamic therapy in drug-resistant prostate cancer cells utilizing a non-viral antitumor vector (a secondary publication). *Laser Therapy*, **2016**, 25, 55-62	0.8	1

1	Mass Spectrometric Analysis of the Photobleaching of Protoporphyrin IX Used in Photodynamic Diagnosis and Therapy of Cancer. *Photochemistry and Photobiology*, **2021**, 97, 1089-1096	3.6	0