

# Hisanao Hazama

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Mass Spectrometric Analysis of the Photobleaching of Protoporphyrin IX Used in Photodynamic Diagnosis and Therapy of Cancer. <i>Photochemistry and Photobiology</i> , <b>2021</b> , 97, 1089-1096	3.6	0
17	Enhancement of the safety and efficacy of colorectal endoscopic submucosal dissection using a CO laser. <i>Lasers in Medical Science</i> , <b>2020</b> , 35, 421-427	3.1	5
16	Medical applications of reflectance spectroscopy in the diffusive and sub-diffusive regimes. <i>Journal of Near Infrared Spectroscopy</i> , <b>2018</b> , 26, 337-350	1.5	7
15	Evaluation of Endovenous Laser Ablation for Varicose Veins Using a Computer Simulation Model (Secondary publication). <i>Laser Therapy</i> , <b>2017</b> , 26, 282-287	0.8	2
14	Continuous flow reduced-pressure infrared laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2017</b> , 31, 1845-1850	2.2	1
13	Photodynamic therapy using a cytotoxic photosensitizer porphyrus envelope that targets the cell membrane. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2017</b> , 20, 238-245	3.5	7
12	Effective photodynamic therapy in drug-resistant prostate cancer cells utilizing a non-viral antitumor vector (a secondary publication). <i>Laser Therapy</i> , <b>2016</b> , 25, 55-62	0.8	1
11	Atmospheric pressure laser desorption/ionization using a 6-7 $\mu\text{m}$ -band mid-infrared tunable laser and liquid water matrix. <i>Journal of Mass Spectrometry</i> , <b>2015</b> , 50, 65-70	2.2	3
10	Localization-dependent cell-killing effects of protoporphyrin (PPIX)-lipid micelles and liposomes in photodynamic therapy. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 7578-84	3.4	17
9	Optical properties of tumor tissues grown on the chorioallantoic membrane of chicken eggs: tumor model to assay of tumor response to photodynamic therapy. <i>Journal of Biomedical Optics</i> , <b>2015</b> , 20, 125001	3.5	14
8	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. <i>Laser Therapy</i> , <b>2014</b> , 23, 165-72	0.8	8
7	Development of laser ionization techniques for evaluation of the effect of cancer drugs using imaging mass spectrometry. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 11234-44	6.3	4
6	Continuous flow atmospheric pressure laser desorption/ionization using a 6-7- $\mu\text{m}$ -band mid-infrared tunable laser for biomolecular mass spectrometry. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 10821-34	6.3	4
5	A novel photodynamic therapy for drug-resistant prostate cancer cells using porphyrus envelope as a novel photosensitizer. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2014</b> , 11, 48-54	3.5	22
4	Theoretical analysis of correlation between ionization threshold fluence in IR-MALDI and IR absorption spectrum of matrix molecules. <i>International Journal of Quantum Chemistry</i> , <b>2013</b> , 113, 125-129 <sup>1</sup>	2.1	2
3	Endoscopic submucosal dissection using a carbon dioxide laser with submucosally injected laser absorber solution (porcine model). <i>Surgical Endoscopy and Other Interventional Techniques</i> , <b>2013</b> , 27, 4241-9	5.2	13
2	Effect of solvent on ionization efficiency in matrix-assisted laser desorption/ionization mass spectrometry of peptides. <i>Chemical Physics</i> , <b>2013</b> , 419, 196-199	2.3	3

- 1 Construction of a novel stigmatic MALDI imaging mass spectrometer. *Applied Surface Science*, **2008**, 255, 1257-1263 6.7 40