

Yoshinori Harada

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.

76
papers

1,388
citations

22
h-index

35
g-index

87
ext. papers

1,645
ext. citations

3.7
avg, IF

4.13
L-index

#	Paper	IF	Citations
76	Label-free Assessment of the Nascent State of Rat Non-alcoholic Fatty Liver Disease Using Spontaneous Raman Microscopy.. <i>Acta Histochemica Et Cytochemica</i> , 2022 , 55, 57-66	1.9	0
75	Raman Spectroscopic Assessment of Myocardial Viability in Langendorff-Perfused Ischemic Rat Hearts. <i>Acta Histochemica Et Cytochemica</i> , 2021 , 54, 65-72	1.9	1
74	5-ALA-assistant automated detection of lymph node metastasis in gastric cancer patients. <i>Gastric Cancer</i> , 2020 , 23, 725-733	7.6	4
73	High-Resolution Raman Microscopic Detection of Follicular Thyroid Cancer Cells with Unsupervised Machine Learning. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 4358-4372	3.4	11
72	High-Throughput Cell Imaging and Classification by Narrowband and Low-Spectral-Resolution Raman Microscopy. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 2654-2661	3.4	8
71	Two-Dimensional Imaging of Permittivity Distribution by an Activated Meta-Structure with a Functional Scanning Defect. <i>Electronics (Switzerland)</i> , 2019 , 8, 239	2.6	5
70	Fluorescence-based discrimination of breast cancer cells by direct exposure to 5-aminolevulinic acid. <i>Cancer Medicine</i> , 2019 , 8, 5524-5533	4.8	6
69	Raman spectroscopic histology using machine learning for nonalcoholic fatty liver disease. <i>FEBS Letters</i> , 2019 , 593, 2535-2544	3.8	8
68	Deep-UV excitation fluorescence microscopy for detection of lymph node metastasis using deep neural network. <i>Scientific Reports</i> , 2019 , 9, 16912	4.9	5
67	How to adjust endoscopic findings to histopathological findings of the stomach: a "histopathology-oriented" correspondence method helps to understand endoscopic findings. <i>Gastric Cancer</i> , 2018 , 21, 573-577	7.6	3
66	Chemical compound-based direct reprogramming for future clinical applications. <i>Bioscience Reports</i> , 2018 , 38,	4.1	23
65	Fast focus-scanning head in two-photon photoacoustic microscopy with electrically-controlled liquid lens 2018 ,		1
64	Label-free Evaluation of Myocardial Infarct in Surgically Excised Ventricular Myocardium by Raman Spectroscopy. <i>Scientific Reports</i> , 2018 , 8, 14671	4.9	14
63	Label-free Molecular Imaging and Analysis by Raman Spectroscopy. <i>Acta Histochemica Et Cytochemica</i> , 2018 , 51, 101-110	1.9	32
62	Rapid and accurate peripheral nerve imaging by multipoint Raman spectroscopy. <i>Scientific Reports</i> , 2017 , 7, 845	4.9	17
61	Efficient fluorescence detection of protoporphyrin IX in metastatic lymph nodes of murine colorectal cancer stained with indigo carmine. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017 , 19, 175-180	3.5	0
60	Label-free detection of myocardial ischaemia in the perfused rat heart by spontaneous Raman spectroscopy. <i>Scientific Reports</i> , 2017 , 7, 42401	4.9	14

59	Direct conversion of human fibroblasts to brown adipocytes by small chemical compounds. <i>Scientific Reports</i> , 2017 , 7, 4304	4.9	18
58	Development of molecular distribution analysis method of color pigments on Japanese woodblock prints by Raman spectral-imagin. <i>Journal of the Japan Society of Information and Knowledge</i> , 2016 , 26, 1-10	0.1	
57	Recent advances in photodynamic diagnosis of gastric cancer using 5-aminolevulinic acid. <i>World Journal of Gastroenterology</i> , 2016 , 22, 1289-96	5.6	28
56	Histopathological Characteristics of Post-inflamed Coronary Arteries in Kawasaki Disease-like Vasculitis of Rabbits. <i>Acta Histochemica Et Cytochemica</i> , 2016 , 49, 29-36	1.9	4
55	Simplified and optimized multispectral imaging for 5-ALA-based fluorescence diagnosis of malignant lesions. <i>Scientific Reports</i> , 2016 , 6, 25530	4.9	8
54	Ex vivo peripheral nerve detection of rats by spontaneous Raman spectroscopy. <i>Scientific Reports</i> , 2015 , 5, 17165	4.9	19
53	Interaction of Cx43 with Hsc70 regulates G1/S transition through CDK inhibitor p27. <i>Scientific Reports</i> , 2015 , 5, 15365	4.9	13
52	Highly efficient direct conversion of human fibroblasts to neuronal cells by chemical compounds. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2015 , 56, 166-70	3.1	35
51	Photodynamic Detection of Lymph Node Metastases in Gastrointestinal Cancer by Using 5-Aminolevulinic Acid 2015 , 267-278		
50	Combining TGF- β signal inhibition and connexin43 silencing for iPSC induction from mouse cardiomyocytes. <i>Scientific Reports</i> , 2014 , 4, 7323	4.9	1
49	Label-free evaluation of myocardial infarction and its repair by spontaneous Raman spectroscopy. <i>Analytical Chemistry</i> , 2014 , 86, 6903-10	7.8	18
48	Photodynamic diagnosis of metastatic lymph nodes using 5-aminolevulinic acid in mouse squamous cell carcinoma. <i>Journal of Dermatological Science</i> , 2014 , 74, 171-3	4.3	1
47	Neutrophil Phagocytosis of Platelets in the Early Phase of 2,4,6-trinitro-1-chlorobenzene (TNCB)-induced Dermatitis in Mice. <i>Acta Histochemica Et Cytochemica</i> , 2014 , 47, 67-74	1.9	9
46	In Vivo Detection of Rat Colorectal Cancers by using a Dual-Wavelength Excitation Method. <i>Acta Histochemica Et Cytochemica</i> , 2014 , 47, 247-54	1.9	
45	Photoacoustic microscopy using ultrashort pulses with two different pulse durations. <i>Optics Express</i> , 2014 , 22, 17063-72	3.3	19
44	Definite familial multiple system atrophy with unknown genetics. <i>Neuropathology</i> , 2014 , 34, 309-13	2	19
43	Improvement of signal detection selectivity and efficiency in two-photon absorption-induced photoacoustic microscopy 2014 ,		3
42	Label-free detection of peripheral nerve tissues against adjacent tissues by spontaneous Raman microspectroscopy. <i>Histochemistry and Cell Biology</i> , 2013 , 139, 181-93	2.4	22

41	Detection of metastatic lymph nodes using 5-aminolevulinic acid in patients with gastric cancer. <i>Annals of Surgical Oncology</i> , 2013 , 20, 3541-8	3.1	29
40	Editorial [Hot Topic Biomedical Applications of Molecular Vibrational Imaging]. <i>Current Pharmaceutical Biotechnology</i> , 2013 , 14, 131-132	2.6	
39	Detection of lymph node metastases in human colorectal cancer by using 5-aminolevulinic acid-induced protoporphyrin IX fluorescence with spectral unmixing. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 23140-52	6.3	19
38	Connexin43 functions as a novel interacting partner of heat shock cognate protein 70. <i>Scientific Reports</i> , 2013 , 3, 2719	4.9	23
37	Raman Molecular Imaging of Cells and Tissues: Towards Functional Diagnostic Imaging Without Labeling. <i>Current Pharmaceutical Biotechnology</i> , 2013 , 14, 133-140	2.6	
36	Precise Analysis of the Autofluorescence Characteristics of Rat Colon Under UVA and Violet Light Excitation. <i>Current Pharmaceutical Biotechnology</i> , 2013 , 14, 172-179	2.6	
35	Editorial (Hot Topic: Biomedical Applications of Molecular Vibrational Imaging). <i>Current Pharmaceutical Biotechnology</i> , 2013 , 14, 131-132	2.6	
34	TGF- β Signaling Regulates Pancreatic β Cell Proliferation through Control of Cell Cycle Regulator p27 Expression. <i>Acta Histochemica Et Cytochemica</i> , 2013 , 46, 51-8	1.9	22
33	Raman Molecular Imaging of Cells and Tissues: Towards Functional Diagnostic Imaging Without Labeling. <i>Current Pharmaceutical Biotechnology</i> , 2013 , 14, 133-140	2.6	9
32	Precise Analysis of the Autofluorescence Characteristics of Rat Colon Under UVA and Violet Light Excitation. <i>Current Pharmaceutical Biotechnology</i> , 2013 , 14, 172-179	2.6	4
31	Raman molecular imaging of cells and tissues: towards functional diagnostic imaging without labeling. <i>Current Pharmaceutical Biotechnology</i> , 2013 , 14, 133-40	2.6	10
30	Precise analysis of the autofluorescence characteristics of rat colon under UVA and violet light excitation. <i>Current Pharmaceutical Biotechnology</i> , 2013 , 14, 172-9	2.6	7
29	Dual-wavelength excitation of mucosal autofluorescence for precise detection of diminutive colonic adenomas. <i>Gastrointestinal Endoscopy</i> , 2012 , 75, 110-7	5.2	29
28	Adenoendocrine cell carcinoma of the gallbladder producing a high level of alpha-fetoprotein. <i>Clinical Journal of Gastroenterology</i> , 2012 , 5, 261-7	1.1	1
27	Staging fluorescence laparoscopy for gastric cancer by using 5-aminolevulinic acid. <i>Anticancer Research</i> , 2012 , 32, 5421-7	2.3	37
26	The progression of liver fibrosis is related with overexpression of the miR-199 and 200 families. <i>PLoS ONE</i> , 2011 , 6, e16081	3.7	221
25	Evaluation of autofluorescence colonoscopy for diagnosis of superficial colorectal neoplastic lesions. <i>International Journal of Colorectal Disease</i> , 2010 , 25, 811-6	3	12
24	Tissue imaging of myocardial infarct regions by a slit-scanning Raman microscope 2009 ,		5

23	Cx43 contributes to TGF-beta signaling to regulate differentiation of cardiac fibroblasts into myofibroblasts. <i>Experimental Cell Research</i> , 2009 , 315, 1190-9	4.2	54
22	Precise detection of lymph node metastases in mouse rectal cancer by using 5-aminolevulinic acid. <i>International Journal of Cancer</i> , 2009 , 125, 2256-63	7.5	32
21	Intracellular dynamics of topoisomerase I inhibitor, CPT-11, by slit-scanning confocal Raman microscopy. <i>Histochemistry and Cell Biology</i> , 2009 , 132, 39-46	2.4	27
20	Label-free biochemical imaging of heart tissue with high-speed spontaneous Raman microscopy. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 382, 370-4	3.4	71
19	Comparison of clinical features and liver histology in acute and chronic autoimmune hepatitis. <i>Hepatology Research</i> , 2008 , 38, 784-9	5.1	30
18	Imaging of anticancer agent distribution by a slit-scanning Raman microscope 2008 ,		5
17	Soluble TRAIL gene and actinomycin D synergistically suppressed multiple metastasis of TRAIL-resistant colon cancer in the liver. <i>Cancer Letters</i> , 2007 , 245, 134-43	9.9	16
16	Measurement of Young's modulus of primary cilia by using optical tweezers 2007 ,		1
15	Investigation of parenchymal cell differentiation in organotypic slice culture of mouse fetal liver under administration of sodium butyrate. <i>Cell Biology and Toxicology</i> , 2002 , 18, 147-56	7.4	10
14	Influence of transfection with connexin 26 gene on malignant potential of human hepatoma cells. <i>Carcinogenesis</i> , 2002 , 23, 351-8	4.6	34
13	Macroscopic and microscopic findings of livers in malignant hematologic disorders, biopsied under peritoneoscopy. <i>Journal of Clinical Gastroenterology</i> , 2002 , 35, 262-5	3	6
12	Polyethylenimine-mediated suicide gene transfer induces a therapeutic effect for hepatocellular carcinoma in vivo by using an Epstein-Barr virus-based plasmid vector. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 291, 48-54	3.4	34
11	Suicide gene therapy of human hepatoma and its peritonitis carcinomatosis by a vector of replicative-deficient herpes simplex virus. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 291, 855-60	3.4	2
10	Highly efficient suicide gene expression in hepatocellular carcinoma cells by Epstein-Barr virus-based plasmid vectors combined with polyamidoamine dendrimer. <i>Cancer Gene Therapy</i> , 2000 , 7, 27-36	5.4	54
9	Targeted killing of carcinoembryonic antigen (CEA)-producing cholangiocarcinoma cells by polyamidoamine dendrimer-mediated transfer of an Epstein-Barr virus (EBV)-based plasmid vector carrying the CEA promoter. <i>Cancer Gene Therapy</i> , 2000 , 7, 1241-50	5.4	35
8	Effective suicide gene therapy in vivo by EBV-based plasmid vector coupled with polyamidoamine dendrimer. <i>Gene Therapy</i> , 2000 , 7, 53-60	4	84
7	Development of gap junctional channels and intercellular communication in rat liver during ontogenesis. <i>Journal of Hepatology</i> , 2000 , 32, 11-8	13.4	60
6	Biological Significance of AFP Expression in Liver Injury Induced by CCL4.. <i>Acta Histochemica Et Cytochemica</i> , 2000 , 33, 17-22	1.9	6

5	Parenchymal cells proliferate and differentiate in an organotypic slice culture of the neonatal liver. <i>Anatomy and Embryology</i> , 1999 , 199, 319-27		6
4	Cholestatic jaundice in two patients with primary amyloidosis: ultrastructural findings of the liver. <i>Journal of Clinical Gastroenterology</i> , 1999 , 28, 162-6	3	9
3	Activated hepatic stellate cells participate in liver fibrosis in a patient with transfusional iron overload. <i>Journal of Gastroenterology</i> , 1998 , 33, 751-4	6.9	4
2	Life-threatening hemorrhage in a patient with gastric cancer and acquired hemophilia. <i>American Journal of Gastroenterology</i> , 1998 , 93, 1372-3	0.7	9
1	Long-Term Organotypic Slice Culture of the Neonatal Mouse Liver.. <i>Acta Histochemica Et Cytochemica</i> , 1997 , 30, 395-399	1.9	2