

YUSUKE OSHIMA

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

654
citations

623734

14
h-index

580821

25
g-index

44
all docs

44
docs citations

44
times ranked

1007
citing authors

#	ARTICLE	IF	CITATIONS
1	Discrimination analysis of human lung cancer cells associated with histological type and malignancy using Raman spectroscopy. <i>Journal of Biomedical Optics</i> , 2010, 15, 017009.	2.6	107
2	Regulation of TGF- β family signalling by ubiquitination and deubiquitination. <i>Journal of Biochemistry</i> , 2013, 154, 481-489.	1.7	77
3	Light sheet-excited spontaneous Raman imaging of a living fish by optical sectioning in a wide field Raman microscope. <i>Optics Express</i> , 2012, 20, 16195.	3.4	50
4	Characterization of Human Meibum Lipid using Raman Spectroscopy. <i>Current Eye Research</i> , 2009, 34, 824-835.	1.5	47
5	Subsurface sensing of biomedical tissues using a miniaturized Raman probe: Study of thin-layered model samples. <i>Analytica Chimica Acta</i> , 2008, 619, 8-13.	5.4	31
6	Raman Spectroscopic Analysis to Detect Reduced Bone Quality after Sciatic Neurectomy in Mice. <i>Molecules</i> , 2018, 23, 3081.	3.8	30
7	Quantitative SHG imaging in osteoarthritis model mice, implying a diagnostic application. <i>Biomedical Optics Express</i> , 2015, 6, 405.	2.9	28
8	Fucosyltransferase 8 plays a crucial role in the invasion and metastasis of pancreatic ductal adenocarcinoma. <i>Surgery Today</i> , 2020, 50, 767-777.	1.5	24
9	Trefoil factor 2 activation of CXCR4 requires calcium mobilization to drive epithelial repair in gastric organoids. <i>Journal of Physiology</i> , 2019, 597, 2673-2690.	2.9	23
10	Fluorescence-Suppressed Raman Technique for Quantitative Analysis of Protein Solution Using a Micro-Raman Probe, the Shifted Excitation Method, and Partial Least Squares Regression Analysis. <i>Applied Spectroscopy</i> , 2006, 60, 964-970.	2.2	22
11	<i>In vivo</i> subcellular imaging of tumors in mouse models using a fluorophore-conjugated anti- α -carcinoembryonic antigen antibody in two-photon excitation microscopy. <i>Cancer Science</i> , 2014, 105, 1299-1306.	3.9	19
12	Analyses of bone modeling and remodeling using in vitro reconstitution system with two-photon microscopy. <i>Bone</i> , 2015, 76, 5-17.	2.9	18
13	Wide field intravital imaging by two-photon-excitation digital-scanned light-sheet microscopy (2p-DSLM) with a high-pulse energy laser. <i>Biomedical Optics Express</i> , 2014, 5, 3311.	2.9	17
14	Arkadia enhances BMP signalling through ubiquitylation and degradation of Smad6. <i>Journal of Biochemistry</i> , 2015, 158, 61-71.	1.7	15
15	Light Sheet Direct Raman Imaging Technique for Observation of Mixing of Solvents. <i>Applied Spectroscopy</i> , 2009, 63, 1115-1120.	2.2	13
16	Evaluation of Injured Axons Using Two-Photon Excited Fluorescence Microscopy after Spinal Cord Contusion Injury in YFP-H Line Mice. <i>International Journal of Molecular Sciences</i> , 2015, 16, 15785-15799.	4.1	13
17	Bisphenol A Inhibits Cell Proliferation and Reduces the Motile Potential of Murine LM8 Osteosarcoma Cells. <i>Anticancer Research</i> , 2017, 37, 1711-1722.	1.1	13
18	Detection of ER stress in vivo by Raman spectroscopy. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 37-41.	2.1	11

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19	Intravital multiphoton fluorescence imaging and optical manipulation of spinal cord in mice, using a compact fiber laser system. <i>Lasers in Surgery and Medicine</i> , 2014, 46, 563-572.	2.1	11
20	Quantitative imaging of fibrotic and morphological changes in liver of non-alcoholic steatohepatitis (NASH) model mice by second harmonic generation (SHG) and auto-fluorescence (AF) imaging using two-photon excitation microscopy (TPEM). <i>Biochemistry and Biophysics Reports</i> , 2016, 8, 277-283.	1.3	11
21	CRACM3 regulates the stability of non-excitatory exocytotic vesicle fusion pores in a Ca ²⁺ -independent manner via molecular interaction with syntaxin4. <i>Scientific Reports</i> , 2016, 6, 28133.	3.3	11
22	Altered Gene Expression of RNF34 and PACAP Possibly Involved in Mechanism of Exercise-Induced Analgesia for Neuropathic Pain in Rats. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1962.	4.1	11
23	Role of increased vascular permeability in chemotherapy-induced alopecia: In vivo imaging of the hair follicular microenvironment in mice. <i>Cancer Science</i> , 2020, 111, 2146-2155.	3.9	11
24	Ultrasensitive Imaging of Ca ²⁺ Dynamics in Pancreatic Acinar Cells of Yellow Cameleon-Nano Transgenic Mice. <i>International Journal of Molecular Sciences</i> , 2014, 15, 19971-19986.	4.1	9
25	Multiple calcium sources are required for intracellular calcium mobilization during gastric organoid epithelial repair. <i>Physiological Reports</i> , 2020, 8, e14384.	1.7	9
26	Valve Interstitial Cell-Specific Cyclooxygenase-1 Associated With Calcification of Aortic Valves. <i>Annals of Thoracic Surgery</i> , 2020, 110, 40-49.	1.3	6
27	Pharmacokinetic and toxicodynamic evaluation of 5-fluorouracil administration after major hepatectomy in a rat model. <i>Cancer Chemotherapy and Pharmacology</i> , 2020, 85, 345-352.	2.3	4
28	Development of a direct Raman imaging system for rapid diagnosis of malignant tumor. <i>Proceedings of SPIE</i> , 2008, , .	0.8	3
29	Development of the optical biopsy system for small experimental animals. , 2006, , .		2
30	Multimodal light-sheet microscopy for fluorescence live imaging. <i>Proceedings of SPIE</i> , 2012, , .	0.8	2
31	Label-free characterization of degenerative changes in articular cartilage by Raman spectroscopy. , 2017, , .		2
32	Evaluation of degenerative changes in articular cartilage of osteoarthritis by Raman spectroscopy. , 2018, , .		2
33	Direct Raman imaging spectroscopy of lung cancer cells and apoptotic cells. , 2009, , .		1
34	In situ cell cycle phase determination using Raman spectroscopy. , 2010, , .		1
35	Verifying of endocrine disruptor chemical affect to the mouse testes: can raman spectroscopy support histology study?. <i>Proceedings of SPIE</i> , 2009, , .	0.8	0
36	In vivo imaging of spinal cord in contusion injury model mice by multi-photon microscopy. , 2014, , .		0

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37	In vivo detection of cancer cells with immunoconjugated fluorescent probes by macro zoom microscopy and two-photon microscopy. Proceedings of SPIE, 2015, , .	0.8	0
38	Changes in chemical composition of bone matrix in ovariectomized (OVX) rats detected by Raman spectroscopy and multivariate analysis. , 2015, , .		0
39	Raman spectroscopy for cancer detection and characterization in metastasis models. , 2017, , .		0
40	Evaluation of bone quality in osteoporosis model mice by Raman spectroscopy. , 2017, , .		0
41	Label-free characterization of articular cartilage in osteoarthritis model mice by Raman spectroscopy. Proceedings of SPIE, 2017, , .	0.8	0
42	Raman spectroscopic analysis for gastric and colorectal cancer in surgical treatment toward molecular-guided surgery. , 2018, , .		0
43	Detection of changes in bone quality of osteoporotic model induced by sciatic nerve resection by using Raman spectroscopy. , 2018, , .		0
44	Characterization of cancer metastasis in model mice by multiphoton microscopy and Raman spectroscopy. , 2018, , .		0