

# Moriaki Kusakabe

## List of Publications by Year in descending order

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38  
papers

585  
citations

840776

11  
h-index

642732

23  
g-index

39  
all docs

39  
docs citations

39  
times ranked

635  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of Magnetic Nanoparticles for Rapid Detection and In Situ Diagnosis in Clinical Oncology. <i>Cancers</i> , 2022, 14, 364.	3.7	15
2	Sentinel lymph node biopsy with a handheld cordless magnetic probe following preoperative MR lymphography using superparamagnetic iron oxide for clinically NO early oral cancer: A feasibility study. <i>Journal of Stomatology, Oral and Maxillofacial Surgery</i> , 2022, , .	1.3	3
3	Exploratory Study of Superparamagnetic Iron Oxide Dose Optimization in Breast Cancer Sentinel Lymph Node Identification Using a Handheld Magnetic Probe and Iron Quantitation. <i>Cancers</i> , 2022, 14, 1409.	3.7	5
4	Application of Magnetic Nanoparticle in Cancer Surgery. <i>IEEJ Transactions on Fundamentals and Materials</i> , 2022, 142, 236-242.	0.2	0
5	Magnetic Nanoparticle Detection by Utilizing Nonlinear Magnetization for Sentinel Lymph Nodes of Breast Cancer Patients. <i>IEEE Transactions on Magnetics</i> , 2021, 57, 1-4.	2.1	4
6	Magnetic Field Generation System of the Magnetic Probe With Diamond Quantum Sensor and Ferromagnetic Materials for the Detection of Sentinel Lymph Nodes With Magnetic Nanoparticles. <i>IEEE Transactions on Magnetics</i> , 2021, 57, 1-5.	2.1	5
7	Numerical and Experimental Evaluation of Magnetic Markers for Localized Tumor Excision With a Handheld Magnetic Probe. <i>IEEE Transactions on Magnetics</i> , 2021, 57, 1-5.	2.1	1
8	MR lymphography with superparamagnetic iron oxide for sentinel lymph node mapping of NO early oral cancer: A pilot study. <i>Dentomaxillofacial Radiology</i> , 2021, 50, 20200333.	2.7	6
9	Intraoperative laparoscopic detection of sentinel lymph nodes with indocyanine green and superparamagnetic iron oxide in a swine gallbladder cancer model. <i>PLoS ONE</i> , 2021, 16, e0248531.	2.5	9
10	Magnetically Guided Localization Using a Guiding-Marker System <sup>®</sup> and a Handheld Magnetic Probe for Nonpalpable Breast Lesions: A Multicenter Feasibility Study in Japan. <i>Cancers</i> , 2021, 13, 2923.	3.7	9
11	Optimization of SPIO Injection for Sentinel Lymph Node Dissection in a Rat Model. <i>Cancers</i> , 2021, 13, 5031.	3.7	5
12	Proof of Concept Study for Increasing Tenascin-C-Targeted Drug Delivery to Tumors Previously Subjected to Therapy: X-Irradiation Increases Tumor Uptake. <i>Cancers</i> , 2020, 12, 3652.	3.7	4
13	Moving a neodymium magnet promotes the migration of a magnetic tracer and increases the monitoring counts on the skin surface of sentinel lymph nodes in breast cancer. <i>BMC Medical Imaging</i> , 2020, 20, 58.	2.7	10
14	Development of Magnetic Probe for Sentinel Lymph Node Detection in Laparoscopic Navigation for Gastric Cancer Patients. <i>Scientific Reports</i> , 2020, 10, 1798.	3.3	18
15	Magnetic characteristics of a magnetic marker for localized tumor excision with a handheld magnetic probe. <i>AIP Advances</i> , 2020, 10, .	1.3	2
16	Cavity-shaped magnet for highly sensitive magnetic detection of magnetic nanoparticles in breast cancer patients. <i>AIP Advances</i> , 2020, 10, 015010.	1.3	0
17	Magnetometer with nitrogen-vacancy center in a bulk diamond for detecting magnetic nanoparticles in biomedical applications. <i>Scientific Reports</i> , 2020, 10, 2483.	3.3	66
18	Development of an automatic magnetic immunostaining system for rapid intraoperative diagnosis of cancer metastasis. <i>AIP Advances</i> , 2020, 10, .	1.3	3

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19	Development of an optimized dome-shaped magnet for rapid magnetic immunostaining. <i>AIP Advances</i> , 2020, 10, .	1.3	3
20	Multicenter clinical trial on sentinel lymph node biopsy using superparamagnetic iron oxide nanoparticles and a novel handheld magnetic probe. <i>Journal of Surgical Oncology</i> , 2019, 120, 1391-1396.	1.7	53
21	Establishment of a model of sentinel lymph node metastasis using immunodeficient swine. <i>Scientific Reports</i> , 2019, 9, 7923.	3.3	4
22	Magnetically Promoted Rapid Immunofluorescence Staining for Frozen Tissue Sections. <i>Journal of Histochemistry and Cytochemistry</i> , 2019, 67, 575-587.	2.5	11
23	Development of magnet configurations for magnetic immunostaining. <i>AIP Advances</i> , 2018, 8, .	1.3	4
24	Handheld magnetic probe with permanent magnet and Hall sensor for identifying sentinel lymph nodes in breast cancer patients. <i>Scientific Reports</i> , 2018, 8, 1195.	3.3	56
25	Development of device for quantifying magnetic nanoparticle tracers accumulating in sentinel lymph nodes. <i>AIP Advances</i> , 2018, 8, .	1.3	12
26	Combined use of fluorescence with a magnetic tracer and dilution effect upon sentinel node localization in a murine model. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 2427-2433.	6.7	8
27	A magnetic probe equipped with small-tip permanent magnet for sentinel lymph node biopsy. <i>AIP Advances</i> , 2017, 7, .	1.3	5
28	Three-dimensional sensitivity mapping of a handheld magnetic probe for sentinel lymph node biopsy. <i>AIP Advances</i> , 2017, 7, .	1.3	7
29	Comprehensive DNA microarray expression profiles of tumors in tenascin-C-knockout mice. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 1926-1936.	1.3	1
30	Magnetic sentinel lymph node biopsy in a murine tumour model. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 1045-1052.	3.3	4
31	Development of the Probe for Detecting Magnetic Fluid in Lymph Nodes. <i>IEEJ Transactions on Fundamentals and Materials</i> , 2014, 134, 266-272.	0.2	4
32	Sentinel lymph node biopsy in patients with breast cancer using superparamagnetic iron oxide and a magnetometer. <i>Breast Cancer</i> , 2013, 20, 223-229.	2.9	56
33	Tenascin-C regulates angiogenesis in tumor through the regulation of vascular endothelial growth factor expression. <i>International Journal of Cancer</i> , 2004, 108, 31-40.	5.1	77
34	PDGF Receptor-Deficiency in Glomerular Mesangial Cells of Tenascin-C Knockout Mice. <i>Biochemical and Biophysical Research Communications</i> , 2002, 290, 1220-1227.	2.1	30
35	Tenascin-C Expression and Splice Variant in Habu Snake Venom-Induced Glomerulonephritis. <i>Experimental and Molecular Pathology</i> , 2002, 72, 186-195.	2.1	14
36	Effect of Tenascin-C Deficiency on Chemically Induced Dermatitis in the Mouse. <i>Journal of Investigative Dermatology</i> , 1998, 111, 930-935.	0.7	51

#	ARTICLE	IF	CITATIONS
37	Differential expression of tenascin in the skin during hapten-induced dermatitis. Histochemistry and Cell Biology, 1996, 106, 263-273.	1.7	17
38	Virus Detection using Second Harmonics of Magnetic Nanoparticles. IEEJ Transactions on Electrical and Electronic Engineering, 0, , .	1.4	3