

# Kazuhide Sato

## List of Publications by Citations

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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.

69 papers	2,008 citations	27 h-index	43 g-index
74 ext. papers	2,446 ext. citations	5.5 avg, IF	4.68 L-index

#	Paper	IF	Citations
69	Immunogenic cancer cell death selectively induced by near infrared photoimmunotherapy initiates host tumor immunity. <i>Oncotarget</i> , <b>2017</b> , 8, 10425-10436	3.3	123
68	Spatially selective depletion of tumor-associated regulatory T cells with near-infrared photoimmunotherapy. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 352ra110	17.5	120
67	Phosphorylation of CLASP2 by GSK-3beta regulates its interaction with IQGAP1, EB1 and microtubules. <i>Journal of Cell Science</i> , <b>2009</b> , 122, 2969-79	5.3	102
66	Photoinduced Ligand Release from a Silicon Phthalocyanine Dye Conjugated with Monoclonal Antibodies: A Mechanism of Cancer Cell Cytotoxicity after Near-Infrared Photoimmunotherapy. <i>ACS Central Science</i> , <b>2018</b> , 4, 1559-1569	16.8	102
65	Numb controls E-cadherin endocytosis through p120 catenin with aPKC. <i>Molecular Biology of the Cell</i> , <b>2011</b> , 22, 3103-19	3.5	83
64	Photoimmunotherapy: comparative effectiveness of two monoclonal antibodies targeting the epidermal growth factor receptor. <i>Molecular Oncology</i> , <b>2014</b> , 8, 620-32	7.9	77
63	Near infrared photoimmunotherapy in the treatment of disseminated peritoneal ovarian cancer. <i>Molecular Cancer Therapeutics</i> , <b>2015</b> , 14, 141-50	6.1	69
62	Near infrared photoimmunotherapy in the treatment of pleural disseminated NSCLC: preclinical experience. <i>Theranostics</i> , <b>2015</b> , 5, 698-709	12.1	67
61	Cadherin-mediated intercellular adhesion and signaling cascades involving small GTPases. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2009</b> , 1, a003020	10.2	61
60	Near Infrared Photoimmunotherapy Targeting EGFR Positive Triple Negative Breast Cancer: Optimizing the Conjugate-Light Regimen. <i>PLoS ONE</i> , <b>2015</b> , 10, e0136829	3.7	57
59	Tiam1 interaction with the PAR complex promotes talin-mediated Rac1 activation during polarized cell migration. <i>Journal of Cell Biology</i> , <b>2012</b> , 199, 331-45	7.3	57
58	Photoimmunotherapy targeting prostate-specific membrane antigen: are antibody fragments as effective as antibodies?. <i>Journal of Nuclear Medicine</i> , <b>2015</b> , 56, 140-4	8.9	55
57	Photoimmunotherapy of gastric cancer peritoneal carcinomatosis in a mouse model. <i>PLoS ONE</i> , <b>2014</b> , 9, e113276	3.7	51
56	Near infrared photoimmunotherapy with avelumab, an anti-programmed death-ligand 1 (PD-L1) antibody. <i>Oncotarget</i> , <b>2017</b> , 8, 8807-8817	3.3	51
55	Glypican-3 targeted human heavy chain antibody as a drug carrier for hepatocellular carcinoma therapy. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 2151-7	5.6	50
54	Near infrared photoimmunotherapy for lung metastases. <i>Cancer Letters</i> , <b>2015</b> , 365, 112-21	9.9	49
53	Role of Fluorophore Charge on the In Vivo Optical Imaging Properties of Near-Infrared Cyanine Dye/Monoclonal Antibody Conjugates. <i>Bioconjugate Chemistry</i> , <b>2016</b> , 27, 404-13	6.3	42

52	Photoimmunotherapy of hepatocellular carcinoma-targeting Glypican-3 combined with nanosized albumin-bound paclitaxel. <i>Nanomedicine</i> , <b>2015</b> , 10, 1139-47	5.6	41
51	Near infrared photoimmunotherapy of B-cell lymphoma. <i>Molecular Oncology</i> , <b>2016</b> , 10, 1404-1414	7.9	40
50	Near infrared photoimmunotherapy with an anti-mesothelin antibody. <i>Oncotarget</i> , <b>2016</b> , 7, 23361-9	3.3	37
49	Activatable organic near-infrared fluorescent probes based on a bacteriochlorin platform: synthesis and multicolor in vivo imaging with a single excitation. <i>Bioconjugate Chemistry</i> , <b>2014</b> , 25, 362-9	6.3	34
48	Impact of C4RO-Alkyl Linker on in Vivo Pharmacokinetics of Near-Infrared Cyanine/Monoclonal Antibody Conjugates. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 3303-11	5.6	33
47	The effects of conjugate and light dose on photo-immunotherapy induced cytotoxicity. <i>BMC Cancer</i> , <b>2014</b> , 14, 389	4.8	33
46	Comparative effectiveness of light emitting diodes (LEDs) and Lasers in near infrared photoimmunotherapy. <i>Oncotarget</i> , <b>2016</b> , 7, 14324-35	3.3	30
45	Near infrared photoimmunotherapy prevents lung cancer metastases in a murine model. <i>Oncotarget</i> , <b>2015</b> , 6, 19747-58	3.3	29
44	Minibody-indocyanine green based activatable optical imaging probes: the role of short polyethylene glycol linkers. <i>ACS Medicinal Chemistry Letters</i> , <b>2014</b> , 5, 411-5	4.3	28
43	Interstitial near-infrared photoimmunotherapy: effective treatment areas and light doses needed for use with fiber optic diffusers. <i>Oncotarget</i> , <b>2018</b> , 9, 11159-11169	3.3	28
42	Selective cell elimination in vitro and in vivo from tissues and tumors using antibodies conjugated with a near infrared phthalocyanine. <i>RSC Advances</i> , <b>2015</b> , 5, 25105-25114	3.7	27
41	Near infrared photoimmunotherapy targeting DLL3 for small cell lung cancer. <i>EBioMedicine</i> , <b>2020</b> , 52, 102632	8.8	26
40	Near Infrared Photoimmunotherapy with Combined Exposure of External and Interstitial Light Sources. <i>Molecular Pharmaceutics</i> , <b>2018</b> , 15, 3634-3641	5.6	25
39	Near-infrared photoimmunotherapy: a comparison of light dosing schedules. <i>Oncotarget</i> , <b>2017</b> , 8, 35069-35075	3.3	23
38	Improved micro-distribution of antibody-photon absorber conjugates after initial near infrared photoimmunotherapy (NIR-PIT). <i>Journal of Controlled Release</i> , <b>2016</b> , 232, 1-8	11.7	22
37	Effect of charge localization on the in vivo optical imaging properties of near-infrared cyanine dye/monoclonal antibody conjugates. <i>Molecular BioSystems</i> , <b>2016</b> , 12, 3046-56		22
36	Avoiding thermal injury during near-infrared photoimmunotherapy (NIR-PIT): the importance of NIR light power density. <i>Oncotarget</i> , <b>2017</b> , 8, 113194-113201	3.3	20
35	Evaluation of Early Therapeutic Effects after Near-Infrared Photoimmunotherapy (NIR-PIT) Using Luciferase-Luciferin Photon-Counting and Fluorescence Imaging. <i>Molecular Pharmaceutics</i> , <b>2017</b> , 14, 4628-4635	5.6	19

34	Near Infrared Photoimmunotherapy in a Transgenic Mouse Model of Spontaneous Epidermal Growth Factor Receptor (EGFR)-expressing Lung Cancer. <i>Molecular Cancer Therapeutics</i> , <b>2017</b> , 16, 408-414	6.1	18
33	Targeted Phototherapy for Malignant Pleural Mesothelioma: Near-Infrared Photoimmunotherapy Targeting Podoplanin. <i>Cells</i> , <b>2020</b> , 9,	7.9	18
32	Real-time monitoring of microdistribution of antibody-photon absorber conjugates during photoimmunotherapy in vivo. <i>Journal of Controlled Release</i> , <b>2017</b> , 260, 154-163	11.7	17
31	Real-time monitoring of hemodynamic changes in tumor vessels during photoimmunotherapy using optical coherence tomography. <i>Journal of Biomedical Optics</i> , <b>2014</b> , 19, 98004	3.5	16
30	Near-infrared photoimmunotherapy with galactosyl serum albumin in a model of diffuse peritoneal disseminated ovarian cancer. <i>Oncotarget</i> , <b>2016</b> , 7, 79408-79416	3.3	15
29	MR imaging biomarkers for evaluating therapeutic effects shortly after near infrared photoimmunotherapy. <i>Oncotarget</i> , <b>2016</b> , 7, 17254-64	3.3	15
28	Cerenkov Radiation-Induced Photoimmunotherapy with F-FDG. <i>Journal of Nuclear Medicine</i> , <b>2017</b> , 58, 1395-1400	8.9	13
27	3D mesoscopic fluorescence tomography for imaging micro-distribution of antibody-photon absorber conjugates during near infrared photoimmunotherapy in vivo. <i>Journal of Controlled Release</i> , <b>2018</b> , 279, 171-180	11.7	13
26	Implantable wireless powered light emitting diode (LED) for near-infrared photoimmunotherapy: device development and experimental assessment and. <i>Oncotarget</i> , <b>2018</b> , 9, 20048-20057	3.3	13
25	Granulocyte colony-stimulating factor-producing carcinoma of unknown primary site. <i>Case Reports in Oncology</i> , <b>2014</b> , 7, 780-8	1	12
24	Dynamic fluorescent imaging with indocyanine green for monitoring the therapeutic effects of photoimmunotherapy. <i>Contrast Media and Molecular Imaging</i> , <b>2014</b> , 9, 276-82	3.2	11
23	Dynamic fluorescent imaging with the activatable probe, Eglutamyl hydroxymethyl rhodamine green in the detection of peritoneal cancer metastases: Overcoming the problem of dilution when using a sprayable optical probe. <i>Oncotarget</i> , <b>2016</b> , 7, 51124-51137	3.3	10
22	Alterations of filopodia by near infrared photoimmunotherapy: evaluation with 3D low-coherent quantitative phase microscopy. <i>Biomedical Optics Express</i> , <b>2016</b> , 7, 2738-48	3.5	10
21	Fulminant hepatic failure and hepatomegaly caused by diffuse liver metastases from small cell lung carcinoma: 2 autopsy cases. <i>Respiratory Investigation</i> , <b>2013</b> , 51, 98-102	3.4	8
20	MR lymphangiography with intradermal gadofosveset and human serum albumin in mice and primates. <i>Journal of Magnetic Resonance Imaging</i> , <b>2014</b> , 40, 691-7	5.6	8
19	Characteristics of ovarian cancer detection by a near-infrared fluorescent probe activated by human NAD(P)H: quinone oxidoreductase isozyme 1 (hNQO1). <i>Oncotarget</i> , <b>2017</b> , 8, 61181-61192	3.3	8
18	Surgical tissue handling methods to optimize ex vivo fluorescence with the activatable optical probe Eglutamyl hydroxymethyl rhodamine green. <i>Contrast Media and Molecular Imaging</i> , <b>2016</b> , 11, 572-578	3.3	7
17	CBDCA + Pemetrexed + Bevacizumab and Its Maintenance Chemotherapy in a Case of Solitary Breast Metastasis from a Lung Adenocarcinoma Resistant to Gefitinib. <i>Case Reports in Oncology</i> , <b>2012</b> , 5, 546-53	1	7

16	Effective Treatment with Intravitreal Injection of Bevacizumab for Exudative Retinal Detachment Secondary to Choroidal Metastasis of Non-Small Cell Lung Carcinoma. <i>American Journal of Case Reports</i> , <b>2015</b> , 16, 728-32	1.3	7
15	Near-infrared photoimmunotherapy targeting GPR87: Development of a humanised anti-GPR87 mAb and therapeutic efficacy on a lung cancer mouse model. <i>EBioMedicine</i> , <b>2021</b> , 67, 103372	8.8	7
14	Selective Cell Elimination from Mixed 3D Culture Using a Near Infrared Photoimmunotherapy Technique. <i>Journal of Visualized Experiments</i> , <b>2016</b> ,	1.6	6
13	Tough and Three-Dimensional-Printable Poly(2-methoxyethyl acrylate)-Silica Composite Elastomer with Antiplatelet Adhesion Property. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 46621-46628	9.5	5
12	Near Infrared Photo-Antimicrobial Targeting Therapy for Candida albicans. <i>Advanced Therapeutics</i> , <b>2021</b> , 4, 2000221	4.9	5
11	Tracheal adenoid cystic carcinoma treated by repeated bronchoscopic argon plasma coagulation as a palliative therapy. <i>Annals of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 20 Suppl, 602-5	1.8	4
10	Fluorescence-lifetime molecular imaging can detect invisible peritoneal ovarian tumors in bloody ascites. <i>Cancer Science</i> , <b>2014</b> , 105, 308-14	6.9	4
9	HER2 targeting near-infrared photoimmunotherapy for a CDDP-resistant small-cell lung cancer. <i>Cancer Medicine</i> , <b>2021</b> , 10, 8808	4.8	4
8	Carcinoma of unknown primary site treated with Carboplatin + Paclitaxel + bevacizumab + erlotinib and its maintenance chemotherapy. <i>Case Reports in Oncology</i> , <b>2014</b> , 7, 583-90	1	3
7	Hurdles for the wide implementation of photoimmunotherapy. <i>Immunotherapy</i> , <b>2021</b> , 13, 1427-1438	3.8	2
6	Near Infrared Photoimmunotherapy for Mouse Models of Pleural Dissemination. <i>Journal of Visualized Experiments</i> , <b>2021</b> ,	1.6	2
5	The "light" guide for surgery. <i>EBioMedicine</i> , <b>2020</b> , 56, 102808	8.8	1
4	A Mechanism of Cancer Cell Cytotoxicity of Near-Infrared Photoimmunotherapy. <i>Nippon Laser Igakkaishi</i> , <b>2020</b> , 41, 104-109	0	0
3	Development of a Mask for Bronchoscopy to Prevent Infection during the COVID-19 Pandemic: Image Evaluation. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2021</b> , 204, e56-e58	10.2	0
2	Bioluminescence Imaging for Evaluation of Antitumor Effect In Vitro and In Vivo in Mice Xenografted Tumor Models. <i>Methods in Molecular Biology</i> , <b>2022</b> , 307-315	1.4	0
1	New style for nasopharyngeal swab with a mask: image-evaluation. <i>International Journal of Infectious Diseases</i> , <b>2021</b> , 109, 112-113	10.5	