

Kazuhide Sato

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.

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|-------------------|-------------------------|----------------|-----------------|
| 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 | Bioluminescence Imaging for Evaluation of Antitumor Effect In Vitro and In Vivo in Mice Xenografted Tumor Models. <i>Methods in Molecular Biology</i> , 2022 , 307-315 | 1.4 | 0 |
| 68 | HER2 targeting near-infrared photoimmunotherapy for a CDDP-resistant small-cell lung cancer. <i>Cancer Medicine</i> , 2021 , 10, 8808 | 4.8 | 4 |
| 67 | Hurdles for the wide implementation of photoimmunotherapy. <i>Immunotherapy</i> , 2021 , 13, 1427-1438 | 3.8 | 2 |
| 66 | Near-infrared photoimmunotherapy targeting GPR87: Development of a humanised anti-GPR87 mAb and therapeutic efficacy on a lung cancer mouse model. <i>EBioMedicine</i> , 2021 , 67, 103372 | 8.8 | 7 |
| 65 | Near Infrared Photo-Antimicrobial Targeting Therapy for Candida albicans. <i>Advanced Therapeutics</i> , 2021 , 4, 2000221 | 4.9 | 5 |
| 64 | Near Infrared Photoimmunotherapy for Mouse Models of Pleural Dissemination. <i>Journal of Visualized Experiments</i> , 2021 , | 1.6 | 2 |
| 63 | New style for nasopharyngeal swab with a mask: image-evaluation. <i>International Journal of Infectious Diseases</i> , 2021 , 109, 112-113 | 10.5 | |
| 62 | 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> , 2021 , 204, e56-e58 | 10.2 | 0 |
| 61 | Near infrared photoimmunotherapy targeting DLL3 for small cell lung cancer. <i>EBioMedicine</i> , 2020 , 52, 102632 | 8.8 | 26 |
| 60 | Targeted Phototherapy for Malignant Pleural Mesothelioma: Near-Infrared Photoimmunotherapy Targeting Podoplanin. <i>Cells</i> , 2020 , 9, | 7.9 | 18 |
| 59 | A Mechanism of Cancer Cell Cytotoxicity of Near-Infrared Photoimmunotherapy. <i>Nippon Laser Igakkaishi</i> , 2020 , 41, 104-109 | 0 | 0 |
| 58 | The "light" guide for surgery. <i>EBioMedicine</i> , 2020 , 56, 102808 | 8.8 | 1 |
| 57 | Tough and Three-Dimensional-Printable Poly(2-methoxyethyl acrylate)-Silica Composite Elastomer with Antiplatelet Adhesion Property. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 46621-46628 | 9.5 | 5 |
| 56 | 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> , 2018 , 279, 171-180 | 11.7 | 13 |
| 55 | Near Infrared Photoimmunotherapy with Combined Exposure of External and Interstitial Light Sources. <i>Molecular Pharmaceutics</i> , 2018 , 15, 3634-3641 | 5.6 | 25 |
| 54 | Interstitial near-infrared photoimmunotherapy: effective treatment areas and light doses needed for use with fiber optic diffusers. <i>Oncotarget</i> , 2018 , 9, 11159-11169 | 3.3 | 28 |
| 53 | Implantable wireless powered light emitting diode (LED) for near-infrared photoimmunotherapy: device development and experimental assessment and. <i>Oncotarget</i> , 2018 , 9, 20048-20057 | 3.3 | 13 |

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| 52 | 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> , 2018 , 4, 1559-1569 | 16.8 | 102 |
| 51 | Cerenkov Radiation-Induced Photoimmunotherapy with F-FDG. <i>Journal of Nuclear Medicine</i> , 2017 , 58, 1395-1400 | 8.9 | 13 |
| 50 | Real-time monitoring of microdistribution of antibody-photon absorber conjugates during photoimmunotherapy in vivo. <i>Journal of Controlled Release</i> , 2017 , 260, 154-163 | 11.7 | 17 |
| 49 | Near Infrared Photoimmunotherapy in a Transgenic Mouse Model of Spontaneous Epidermal Growth Factor Receptor (EGFR)-expressing Lung Cancer. <i>Molecular Cancer Therapeutics</i> , 2017 , 16, 408-414 | 6.1 | 18 |
| 48 | Evaluation of Early Therapeutic Effects after Near-Infrared Photoimmunotherapy (NIR-PIT) Using Luciferase-Luciferin Photon-Counting and Fluorescence Imaging. <i>Molecular Pharmaceutics</i> , 2017 , 14, 4628-4635 | 5.6 | 19 |
| 47 | Near infrared photoimmunotherapy with avelumab, an anti-programmed death-ligand 1 (PD-L1) antibody. <i>Oncotarget</i> , 2017 , 8, 8807-8817 | 3.3 | 51 |
| 46 | Immunogenic cancer cell death selectively induced by near infrared photoimmunotherapy initiates host tumor immunity. <i>Oncotarget</i> , 2017 , 8, 10425-10436 | 3.3 | 123 |
| 45 | Near-infrared photoimmunotherapy: a comparison of light dosing schedules. <i>Oncotarget</i> , 2017 , 8, 35069-35075 | 3.3 | 53 |
| 44 | 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> , 2017 , 8, 61181-61192 | 3.3 | 8 |
| 43 | Avoiding thermal injury during near-infrared photoimmunotherapy (NIR-PIT): the importance of NIR light power density. <i>Oncotarget</i> , 2017 , 8, 113194-113201 | 3.3 | 20 |
| 42 | Role of Fluorophore Charge on the In Vivo Optical Imaging Properties of Near-Infrared Cyanine Dye/Monoclonal Antibody Conjugates. <i>Bioconjugate Chemistry</i> , 2016 , 27, 404-13 | 6.3 | 42 |
| 41 | Surgical tissue handling methods to optimize ex vivo fluorescence with the activatable optical probe Bglutamyl hydroxymethyl rhodamine green. <i>Contrast Media and Molecular Imaging</i> , 2016 , 11, 572-578 | 3.3 | 7 |
| 40 | Near infrared photoimmunotherapy of B-cell lymphoma. <i>Molecular Oncology</i> , 2016 , 10, 1404-1414 | 7.9 | 40 |
| 39 | Spatially selective depletion of tumor-associated regulatory T cells with near-infrared photoimmunotherapy. <i>Science Translational Medicine</i> , 2016 , 8, 352ra110 | 17.5 | 120 |
| 38 | Selective Cell Elimination from Mixed 3D Culture Using a Near Infrared Photoimmunotherapy Technique. <i>Journal of Visualized Experiments</i> , 2016 , | 1.6 | 6 |
| 37 | Near-infrared photoimmunotherapy with galactosyl serum albumin in a model of diffuse peritoneal disseminated ovarian cancer. <i>Oncotarget</i> , 2016 , 7, 79408-79416 | 3.3 | 15 |
| 36 | MR imaging biomarkers for evaluating therapeutic effects shortly after near infrared photoimmunotherapy. <i>Oncotarget</i> , 2016 , 7, 17254-64 | 3.3 | 15 |
| 35 | Dynamic fluorescent imaging with the activatable probe, Bglutamyl hydroxymethyl rhodamine green in the detection of peritoneal cancer metastases: Overcoming the problem of dilution when using a sprayable optical probe. <i>Oncotarget</i> , 2016 , 7, 51124-51137 | 3.3 | 10 |

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| 34 | Near infrared photoimmunotherapy with an anti-mesothelin antibody. <i>Oncotarget</i> , 2016 , 7, 23361-9 | 3.3 | 37 |
| 33 | Comparative effectiveness of light emitting diodes (LEDs) and Lasers in near infrared photoimmunotherapy. <i>Oncotarget</i> , 2016 , 7, 14324-35 | 3.3 | 30 |
| 32 | Alterations of filopodia by near infrared photoimmunotherapy: evaluation with 3D low-coherent quantitative phase microscopy. <i>Biomedical Optics Express</i> , 2016 , 7, 2738-48 | 3.5 | 10 |
| 31 | Improved micro-distribution of antibody-photon absorber conjugates after initial near infrared photoimmunotherapy (NIR-PIT). <i>Journal of Controlled Release</i> , 2016 , 232, 1-8 | 11.7 | 22 |
| 30 | Effect of charge localization on the in vivo optical imaging properties of near-infrared cyanine dye/monoclonal antibody conjugates. <i>Molecular BioSystems</i> , 2016 , 12, 3046-56 | | 22 |
| 29 | Photoimmunotherapy targeting prostate-specific membrane antigen: are antibody fragments as effective as antibodies?. <i>Journal of Nuclear Medicine</i> , 2015 , 56, 140-4 | 8.9 | 55 |
| 28 | Near infrared photoimmunotherapy for lung metastases. <i>Cancer Letters</i> , 2015 , 365, 112-21 | 9.9 | 49 |
| 27 | Glypican-3 targeted human heavy chain antibody as a drug carrier for hepatocellular carcinoma therapy. <i>Molecular Pharmaceutics</i> , 2015 , 12, 2151-7 | 5.6 | 50 |
| 26 | Near infrared photoimmunotherapy in the treatment of disseminated peritoneal ovarian cancer. <i>Molecular Cancer Therapeutics</i> , 2015 , 14, 141-50 | 6.1 | 69 |
| 25 | Impact of C4RO-Alkyl Linker on in Vivo Pharmacokinetics of Near-Infrared Cyanine/Monoclonal Antibody Conjugates. <i>Molecular Pharmaceutics</i> , 2015 , 12, 3303-11 | 5.6 | 33 |
| 24 | Photoimmunotherapy of hepatocellular carcinoma-targeting Glypican-3 combined with nanosized albumin-bound paclitaxel. <i>Nanomedicine</i> , 2015 , 10, 1139-47 | 5.6 | 41 |
| 23 | Near infrared photoimmunotherapy in the treatment of pleural disseminated NSCLC: preclinical experience. <i>Theranostics</i> , 2015 , 5, 698-709 | 12.1 | 67 |
| 22 | Near Infrared Photoimmunotherapy Targeting EGFR Positive Triple Negative Breast Cancer: Optimizing the Conjugate-Light Regimen. <i>PLoS ONE</i> , 2015 , 10, e0136829 | 3.7 | 57 |
| 21 | Selective cell elimination in vitro and in vivo from tissues and tumors using antibodies conjugated with a near infrared phthalocyanine. <i>RSC Advances</i> , 2015 , 5, 25105-25114 | 3.7 | 27 |
| 20 | 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> , 2015 , 16, 728-32 | 1.3 | 7 |
| 19 | Near infrared photoimmunotherapy prevents lung cancer metastases in a murine model. <i>Oncotarget</i> , 2015 , 6, 19747-58 | 3.3 | 29 |
| 18 | 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> , 2014 , 25, 362-9 | 6.3 | 34 |
| 17 | The effects of conjugate and light dose on photo-immunotherapy induced cytotoxicity. <i>BMC Cancer</i> , 2014 , 14, 389 | 4.8 | 33 |

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| 16 | Photoimmunotherapy: comparative effectiveness of two monoclonal antibodies targeting the epidermal growth factor receptor. <i>Molecular Oncology</i> , 2014 , 8, 620-32 | 7.9 | 77 |
| 15 | Minibody-indocyanine green based activatable optical imaging probes: the role of short polyethylene glycol linkers. <i>ACS Medicinal Chemistry Letters</i> , 2014 , 5, 411-5 | 4.3 | 28 |
| 14 | Granulocyte colony-stimulating factor-producing carcinoma of unknown primary site. <i>Case Reports in Oncology</i> , 2014 , 7, 780-8 | 1 | 12 |
| 13 | Carcinoma of unknown primary site treated with Carboplatin + Paclitaxel + bevacizumab + erlotinib and its maintenance chemotherapy. <i>Case Reports in Oncology</i> , 2014 , 7, 583-90 | 1 | 3 |
| 12 | Photoimmunotherapy of gastric cancer peritoneal carcinomatosis in a mouse model. <i>PLoS ONE</i> , 2014 , 9, e113276 | 3.7 | 51 |
| 11 | Tracheal adenoid cystic carcinoma treated by repeated bronchoscopic argon plasma coagulation as a palliative therapy. <i>Annals of Thoracic and Cardiovascular Surgery</i> , 2014 , 20 Suppl, 602-5 | 1.8 | 4 |
| 10 | Real-time monitoring of hemodynamic changes in tumor vessels during photoimmunotherapy using optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2014 , 19, 98004 | 3.5 | 16 |
| 9 | Dynamic fluorescent imaging with indocyanine green for monitoring the therapeutic effects of photoimmunotherapy. <i>Contrast Media and Molecular Imaging</i> , 2014 , 9, 276-82 | 3.2 | 11 |
| 8 | MR lymphangiography with intradermal gadofosveset and human serum albumin in mice and primates. <i>Journal of Magnetic Resonance Imaging</i> , 2014 , 40, 691-7 | 5.6 | 8 |
| 7 | Fluorescence-lifetime molecular imaging can detect invisible peritoneal ovarian tumors in bloody ascites. <i>Cancer Science</i> , 2014 , 105, 308-14 | 6.9 | 4 |
| 6 | Fulminant hepatic failure and hepatomegaly caused by diffuse liver metastases from small cell lung carcinoma: 2 autopsy cases. <i>Respiratory Investigation</i> , 2013 , 51, 98-102 | 3.4 | 8 |
| 5 | Tiam1 interaction with the PAR complex promotes talin-mediated Rac1 activation during polarized cell migration. <i>Journal of Cell Biology</i> , 2012 , 199, 331-45 | 7.3 | 57 |
| 4 | 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> , 2012 , 5, 546-53 | 1 | 7 |
| 3 | Numb controls E-cadherin endocytosis through p120 catenin with aPKC. <i>Molecular Biology of the Cell</i> , 2011 , 22, 3103-19 | 3.5 | 83 |
| 2 | Phosphorylation of CLASP2 by GSK-3beta regulates its interaction with IQGAP1, EB1 and microtubules. <i>Journal of Cell Science</i> , 2009 , 122, 2969-79 | 5.3 | 102 |
| 1 | Cadherin-mediated intercellular adhesion and signaling cascades involving small GTPases. <i>Cold Spring Harbor Perspectives in Biology</i> , 2009 , 1, a003020 | 10.2 | 61 |