

Hisataka Kobayashi

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7669293/hisataka-kobayashi-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

279
papers

19,141
citations

68
h-index

130
g-index

296
ext. papers

21,501
ext. citations

7.2
avg, IF

6.99
L-index

#	Paper	IF	Citations
279	CD29 targeted near-infrared photoimmunotherapy (NIR-PIT) in the treatment of a pigmented melanoma model.. <i>OncImmunology</i> , 2022 , 11, 2019922	7.2	1
278	Selection of antibody and light exposure regimens alters therapeutic effects of EGFR-targeted near-infrared photoimmunotherapy.. <i>Cancer Immunology, Immunotherapy</i> , 2022 , 1	7.4	2
277	PD-L1 near Infrared Photoimmunotherapy of Ovarian Cancer Model.. <i>Cancers</i> , 2022 , 14,	6.6	2
276	Opening up new VISTAs: V-domain immunoglobulin suppressor of T cell activation (VISTA) targeted near-infrared photoimmunotherapy (NIR-PIT) for enhancing host immunity against cancers.. <i>Cancer Immunology, Immunotherapy</i> , 2022 , 1	7.4	1
275	Quantitative Assessment of the Efficacy of Near-Infrared Photoimmunotherapy with Bioluminescence Imaging. <i>Methods in Molecular Biology</i> , 2022 , 3-13	1.4	
274	Rapid Depletion of Intratumoral Regulatory T Cells Induces Synchronized CD8 T- and NK-cell Activation and IFN γ -Dependent Tumor Vessel Regression. <i>Cancer Research</i> , 2021 , 81, 3092-3104	10.1	7
273	Real-time IR700 Fluorescence Imaging During Near-infrared Photoimmunotherapy Using a Clinically-approved Camera for Indocyanine Green.. <i>Cancer Diagnosis & Prognosis</i> , 2021 , 1, 29-34		3
272	Quantitative analysis of vascular changes during photoimmunotherapy using speckle variance optical coherence tomography (SV-OCT). <i>Biomedical Optics Express</i> , 2021 , 12, 1804-1820	3.5	1
271	Norcyanine-Carbamates Are Versatile Near-Infrared Fluorogenic Probes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 5674-5679	16.4	15
270	Near infrared photoimmunotherapy of cancer; possible clinical applications. <i>Nanophotonics</i> , 2021 , 10, 3135-3151	6.3	8
269	Near Infrared Photoimmunotherapy; A Review of Targets for Cancer Therapy. <i>Cancers</i> , 2021 , 13,	6.6	12
268	Near-infrared photoimmunotherapy targeting human-EGFR in a mouse tumor model simulating current and future clinical trials. <i>EBioMedicine</i> , 2021 , 67, 103345	8.8	9
267	Expanding the application of cancer near-infrared photoimmunotherapy. <i>EBioMedicine</i> , 2021 , 68, 103416.8	6.8	1
266	Endoscopic near-infrared photoimmunotherapy in an orthotopic head and neck cancer model. <i>Cancer Science</i> , 2021 , 112, 3041-3049	6.9	6
265	Near-infrared photoimmunotherapy of cancer: a new approach that kills cancer cells and enhances anti-cancer host immunity. <i>International Immunology</i> , 2021 , 33, 7-15	4.9	40
264	Fibroblast activation protein targeted near infrared photoimmunotherapy (NIR PIT) overcomes therapeutic resistance in human esophageal cancer. <i>Scientific Reports</i> , 2021 , 11, 1693	4.9	9
263	Fluorescence Imaging of Tumor-Accumulating Antibody-IR700 Conjugates Prior to Near-Infrared Photoimmunotherapy (NIR-PIT) Using a Commercially Available Camera Designed for Indocyanine Green. <i>Molecular Pharmaceutics</i> , 2021 , 18, 1238-1246	5.6	8

262	Diagnostic imaging in near-infrared photoimmunotherapy using a commercially available camera for indocyanine green. <i>Cancer Science</i> , 2021 , 112, 1326-1330	6.9	8
261	Local Depletion of Immune Checkpoint Ligand CTLA4 Expressing Cells in Tumor Beds Enhances Antitumor Host Immunity. <i>Advanced Therapeutics</i> , 2021 , 4, 2000269	4.9	13
260	Near infrared photoimmunotherapy for cancers: A translational perspective. <i>EBioMedicine</i> , 2021 , 70, 103501	8.8	10
259	Electron Donors Rather Than Reactive Oxygen Species Needed for Therapeutic Photochemical Reaction of Near-Infrared Photoimmunotherapy. <i>ACS Pharmacology and Translational Science</i> , 2021 , 4, 1689-1701	5.9	1
258	Simultaneously Combined Cancer Cell- and CTLA4-Targeted NIR-PIT Causes a Synergistic Treatment Effect in Syngeneic Mouse Models. <i>Molecular Cancer Therapeutics</i> , 2021 , 20, 2262-2273	6.1	4
257	Increased Immunogenicity of a Minimally Immunogenic Tumor after Cancer-Targeting Near Infrared Photoimmunotherapy. <i>Cancers</i> , 2020 , 12,	6.6	12
256	Wound healing after excision of subcutaneous tumors treated with near-infrared photoimmunotherapy. <i>Cancer Medicine</i> , 2020 , 9, 5932-5939	4.8	4
255	Effect of Short PEG on Near-Infrared BODIPY-Based Activatable Optical Probes. <i>ACS Omega</i> , 2020 , 5, 15657-15665	3.9	2
254	Immunotoxin SS1P is rapidly removed by proximal tubule cells of kidney, whose damage contributes to albumin loss in urine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 6086-6091	11.5	5
253	Combined CD44- and CD25-Targeted Near-Infrared Photoimmunotherapy Selectively Kills Cancer and Regulatory T Cells in Syngeneic Mouse Cancer Models. <i>Cancer Immunology Research</i> , 2020 , 8, 345-355	12.5	25
252	Targeted Phototherapy for Malignant Pleural Mesothelioma: Near-Infrared Photoimmunotherapy Targeting Podoplanin. <i>Cells</i> , 2020 , 9,	7.9	18
251	Interleukin-15 after Near-Infrared Photoimmunotherapy (NIR-PIT) Enhances T Cell Response against Syngeneic Mouse Tumors. <i>Cancers</i> , 2020 , 12,	6.6	11
250	Theranostic Near-Infrared Photoimmunotherapy 2020 , 219-225		0
249	Current and new fluorescent probes for fluorescence-guided surgery 2020 , 75-114		0
248	Conjugation Ratio, Light Dose, and pH Affect the Stability of Panitumumab-IR700 for Near-Infrared Photoimmunotherapy. <i>ACS Medicinal Chemistry Letters</i> , 2020 , 11, 1598-1604	4.3	8
247	A near-infrared light-mediated cleavable linker strategy using the heptamethine cyanine chromophore. <i>Methods in Enzymology</i> , 2020 , 641, 245-275	1.7	7
246	Real-Time Fluorescence Imaging Using Indocyanine Green to Assess Therapeutic Effects of Near-Infrared Photoimmunotherapy in Tumor Model Mice. <i>Molecular Imaging</i> , 2020 , 19, 1536012120934965	2.7	3
245	Near-Infrared Photoimmunotherapy Combined with CTLA4 Checkpoint Blockade in Syngeneic Mouse Cancer Models. <i>Vaccines</i> , 2020 , 8,	5.3	13

244	Multi-Wavelength Fluorescence in Image-Guided Surgery, Clinical Feasibility and Future Perspectives. <i>Molecular Imaging</i> , 2020 , 19, 1536012120962333	3.7	16
243	Cancer neovasculature-targeted near-infrared photoimmunotherapy (NIR-PIT) for gastric cancer: different mechanisms of phototoxicity compared to cell membrane-targeted NIR-PIT. <i>Gastric Cancer</i> , 2020 , 23, 82-94	7.6	13
242	Near-Infrared Photoimmunotherapy: Photoactivatable Antibody-Drug Conjugates (ADCs). <i>Bioconjugate Chemistry</i> , 2020 , 31, 28-36	6.3	34
241	Near-Infrared Photoimmunotherapy for Cancers of the Gastrointestinal Tract. <i>Digestion</i> , 2020 , 1-8	3.6	0
240	Enhanced nanodrug delivery in tumors after near-infrared photoimmunotherapy. <i>Nanophotonics</i> , 2019 , 8, 1673-1688	6.3	10
239	The Effect of Antibody Fragments on CD25 Targeted Regulatory T Cell Near-Infrared Photoimmunotherapy. <i>Bioconjugate Chemistry</i> , 2019 , 30, 2624-2633	6.3	22
238	Host Immunity Following Near-Infrared Photoimmunotherapy Is Enhanced with PD-1 Checkpoint Blockade to Eradicate Established Antigenic Tumors. <i>Cancer Immunology Research</i> , 2019 , 7, 401-413	12.5	57
237	Photoimmunotherapy for cancer-associated fibroblasts targeting fibroblast activation protein in human esophageal squamous cell carcinoma. <i>Cancer Biology and Therapy</i> , 2019 , 20, 1234-1248	4.6	20
236	Targeting Epidermal Growth Factor Receptor (EGFR) and Human Epidermal Growth Factor Receptor 2 (HER2) Expressing Bladder Cancer Using Combination Photoimmunotherapy (PIT). <i>Scientific Reports</i> , 2019 , 9, 2084	4.9	31
235	Design strategy for germanium-rhodamine based pH-activatable near-infrared fluorescence probes suitable for biological applications. <i>Communications Chemistry</i> , 2019 , 2,	6.3	15
234	Near-Infrared Photoimmunotherapy of Cancer. <i>Accounts of Chemical Research</i> , 2019 , 52, 2332-2339	24.3	160
233	Photoimmunotherapy targeting biliary-pancreatic cancer with humanized anti-TROP2 antibody. <i>Cancer Medicine</i> , 2019 , 8, 7781-7792	4.8	18
232	Near-infrared photoimmunotherapy through bone. <i>Cancer Science</i> , 2019 , 110, 3689-3694	6.9	9
231	Near Infrared Photoimmunotherapy for Cancer 2019 ,		1
230	Near infrared photoimmunotherapy using a fiber optic diffuser for treating peritoneal gastric cancer dissemination. <i>Gastric Cancer</i> , 2019 , 22, 463-472	7.6	12
229	Activatable Near-Infrared Fluorescence Imaging Using PEGylated Bacteriochlorin-Based Chlorin and BODIPY-Dyads as Probes for Detecting Cancer. <i>Bioconjugate Chemistry</i> , 2019 , 30, 169-183	6.3	19
228	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
227	Near Infrared Photoimmunotherapy with Combined Exposure of External and Interstitial Light Sources. <i>Molecular Pharmaceutics</i> , 2018 , 15, 3634-3641	5.6	25

226	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
225	Near infrared photoimmunotherapy targeting bladder cancer with a canine anti-epidermal growth factor receptor (EGFR) antibody. <i>Oncotarget</i> , 2018 , 9, 19026-19038	3.3	22
224	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
223	Pitfalls on sample preparation for imaging of resected cancer tissue using enzyme-activatable fluorescent probes. <i>Oncotarget</i> , 2018 , 9, 36039-36047	3.3	1
222	Molecularly Targeted Cancer Combination Therapy with Near-Infrared Photoimmunotherapy and Near-Infrared Photorelease with Duocarmycin-Antibody Conjugate. <i>Molecular Cancer Therapeutics</i> , 2018 , 17, 661-670	6.1	20
221	Activatable fluorescent probes in fluorescence-guided surgery: Practical considerations. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 925-930	3.4	33
220	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
219	Endoscopic near infrared photoimmunotherapy using a fiber optic diffuser for peritoneal dissemination of gastric cancer. <i>Cancer Science</i> , 2018 , 109, 1902-1908	6.9	25
218	Activation of Duocarmycin-Antibody Conjugates by Near-Infrared Light. <i>ACS Central Science</i> , 2017 , 3, 329-337	16.8	85
217	A Near-Infrared, Wavelength-Shiftable, Turn-on Fluorescent Probe for the Detection and Imaging of Cancer Tumor Cells. <i>ACS Chemical Biology</i> , 2017 , 12, 1121-1132	4.9	45
216	Near-Infrared Photochemoimmunotherapy by Photoactivatable Bifunctional Antibody-Drug Conjugates Targeting Human Epidermal Growth Factor Receptor 2 Positive Cancer. <i>Bioconjugate Chemistry</i> , 2017 , 28, 1458-1469	6.3	22
215	Cerenkov Radiation-Induced Photoimmunotherapy with F-FDG. <i>Journal of Nuclear Medicine</i> , 2017 , 58, 1395-1400	8.9	13
214	Epidermal Growth Factor Receptor (EGFR)-targeted Photoimmunotherapy (PIT) for the Treatment of EGFR-expressing Bladder Cancer. <i>Molecular Cancer Therapeutics</i> , 2017 , 16, 2201-2214	6.1	42
213	Near-Infrared Photoimmunotherapy Targeting Prostate Cancer with Prostate-Specific Membrane Antigen (PSMA) Antibody. <i>Molecular Cancer Research</i> , 2017 , 15, 1153-1162	6.6	53
212	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
211	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
210	Syngeneic Mouse Models of Oral Cancer Are Effectively Targeted by Anti-CD44-Based NIR-PIT. <i>Molecular Cancer Research</i> , 2017 , 15, 1667-1677	6.6	44
209	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

208	Fluorescence-Guided Surgery. <i>Frontiers in Oncology</i> , 2017 , 7, 314	5.3	150
207	Near infrared photoimmunotherapy with avelumab, an anti-programmed death-ligand 1 (PD-L1) antibody. <i>Oncotarget</i> , 2017 , 8, 8807-8817	3.3	51
206	Immunogenic cancer cell death selectively induced by near infrared photoimmunotherapy initiates host tumor immunity. <i>Oncotarget</i> , 2017 , 8, 10425-10436	3.3	123
205	Near-infrared photoimmunotherapy: a comparison of light dosing schedules. <i>Oncotarget</i> , 2017 , 8, 35069-35075	3.3	523
204	A topically-sprayable, activatable fluorescent and retaining probe, SPiDER-C1al for detecting cancer: Advantages of anchoring to cellular proteins after activation. <i>Oncotarget</i> , 2017 , 8, 39512-39521	3.3	12
203	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
202	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
201	Dynamic changes in the cell membrane on three dimensional low coherent quantitative phase microscopy (3D LC-QPM) after treatment with the near infrared photoimmunotherapy. <i>Oncotarget</i> , 2017 , 8, 104295-104302	3.3	13
200	Concepts in Diagnostic Probe Design 2017 , 177-200		
199	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
198	Super enhanced permeability and retention (SUPR) effects in tumors following near infrared photoimmunotherapy. <i>Nanoscale</i> , 2016 , 8, 12504-9	7.7	56
197	Combination photoimmunotherapy with monoclonal antibodies recognizing different epitopes of human epidermal growth factor receptor 2: an assessment of phototherapeutic effect based on fluorescence molecular imaging. <i>Oncotarget</i> , 2016 , 7, 14143-52	3.3	23
196	Nanodrug Delivery: Is the Enhanced Permeability and Retention Effect Sufficient for Curing Cancer?. <i>Bioconjugate Chemistry</i> , 2016 , 27, 2225-2238	6.3	480
195	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> , 2016 , 11, 572-578	3.3	7
194	Near infrared photoimmunotherapy of B-cell lymphoma. <i>Molecular Oncology</i> , 2016 , 10, 1404-1414	7.9	40
193	Spatially selective depletion of tumor-associated regulatory T cells with near-infrared photoimmunotherapy. <i>Science Translational Medicine</i> , 2016 , 8, 352ra110	17.5	120
192	Phototheranostics of CD44-positive cell populations in triple negative breast cancer. <i>Scientific Reports</i> , 2016 , 6, 27871	4.9	47
191	Molecular targeted photoimmunotherapy for HER2-positive human gastric cancer in combination with chemotherapy results in improved treatment outcomes through different cytotoxic mechanisms. <i>BMC Cancer</i> , 2016 , 16, 37	4.8	24

190	Monoclonal antibody-based optical molecular imaging probes; considerations and caveats in chemistry, biology and pharmacology. <i>Current Opinion in Chemical Biology</i> , 2016 , 33, 32-8	9.7	30
189	Trastuzumab-Based Photoimmunotherapy Integrated with Viral HER2 Transduction Inhibits Peritoneally Disseminated HER2-Negative Cancer. <i>Molecular Cancer Therapeutics</i> , 2016 , 15, 402-11	6.1	21
188	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
187	MR imaging biomarkers for evaluating therapeutic effects shortly after near infrared photoimmunotherapy. <i>Oncotarget</i> , 2016 , 7, 17254-64	3.3	15
186	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> , 2016 , 7, 51124-51137	3.3	10
185	Near infrared photoimmunotherapy with an anti-mesothelin antibody. <i>Oncotarget</i> , 2016 , 7, 23361-9	3.3	37
184	Comparative effectiveness of light emitting diodes (LEDs) and Lasers in near infrared photoimmunotherapy. <i>Oncotarget</i> , 2016 , 7, 14324-35	3.3	30
183	Imaging and Selective Elimination of Glioblastoma Stem Cells with Theranostic Near-Infrared-Labeled CD133-Specific Antibodies. <i>Theranostics</i> , 2016 , 6, 862-74	12.1	55
182	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
181	Rapid diagnosis of lymph node metastasis in breast cancer using a new fluorescent method with Eglutamyl hydroxymethyl rhodamine green. <i>Scientific Reports</i> , 2016 , 6, 27525	4.9	15
180	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
179	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
178	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
177	Near infrared photoimmunotherapy for lung metastases. <i>Cancer Letters</i> , 2015 , 365, 112-21	9.9	49
176	Photoimmunotherapy lowers recurrence after pancreatic cancer surgery in orthotopic nude mouse models. <i>Journal of Surgical Research</i> , 2015 , 197, 5-11	2.5	23
175	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
174	Photoimmunotherapy Inhibits Tumor Recurrence After Surgical Resection on a Pancreatic Cancer Patient-Derived Orthotopic Xenograft (PDOX) Nude Mouse Model. <i>Annals of Surgical Oncology</i> , 2015 , 22 Suppl 3, S1469-74	3.1	14
173	Magnetic resonance sentinel lymph node imaging of the prostate with gadofosveset trisodium-albumin: preliminary results in a canine model. <i>Academic Radiology</i> , 2015 , 22, 646-52	4.3	12

172	Near infrared photoimmunotherapy in the treatment of disseminated peritoneal ovarian cancer. <i>Molecular Cancer Therapeutics</i> , 2015 , 14, 141-50	6.1	69
171	Preparation and long-term biodistribution studies of a PAMAM dendrimer G5-Gd-BnDOTA conjugate for lymphatic imaging. <i>Nanomedicine</i> , 2015 , 10, 1423-37	5.6	27
170	Impact of C4QO-Alkyl Linker on in Vivo Pharmacokinetics of Near-Infrared Cyanine/Monoclonal Antibody Conjugates. <i>Molecular Pharmaceutics</i> , 2015 , 12, 3303-11	5.6	33
169	Photoimmunotherapy of hepatocellular carcinoma-targeting Glypican-3 combined with nanosized albumin-bound paclitaxel. <i>Nanomedicine</i> , 2015 , 10, 1139-47	5.6	41
168	Rapid intraoperative visualization of breast lesions with Eglutamyl hydroxymethyl rhodamine green. <i>Scientific Reports</i> , 2015 , 5, 12080	4.9	70
167	Near-IR Light-Mediated Cleavage of Antibody-Drug Conjugates Using Cyanine Photocages. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13635-8	16.4	101
166	Near infrared photoimmunotherapy in the treatment of pleural disseminated NSCLC: preclinical experience. <i>Theranostics</i> , 2015 , 5, 698-709	12.1	67
165	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
164	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
163	Sensitive Egalactosidase-targeting fluorescence probe for visualizing small peritoneal metastatic tumours in vivo. <i>Nature Communications</i> , 2015 , 6, 6463	17.4	249
162	Viral transduction of the HER2-extracellular domain expands trastuzumab-based photoimmunotherapy for HER2-negative breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2015 , 149, 597-605	4.4	18
161	Near infra-red photoimmunotherapy with anti-CEA-IR700 results in extensive tumor lysis and a significant decrease in tumor burden in orthotopic mouse models of pancreatic cancer. <i>PLoS ONE</i> , 2015 , 10, e0121989	3.7	41
160	Near infrared photoimmunotherapy prevents lung cancer metastases in a murine model. <i>Oncotarget</i> , 2015 , 6, 19747-58	3.3	29
159	Magnetic resonance lymphography of the thoracic duct after interstitial injection of gadofosveset trisodium: a pilot dosing study in a porcine model. <i>Lymphatic Research and Biology</i> , 2014 , 12, 32-6	2.3	12
158	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
157	Cancer drug delivery: considerations in the rational design of nanosized bioconjugates. <i>Bioconjugate Chemistry</i> , 2014 , 25, 2093-100	6.3	60
156	The effects of conjugate and light dose on photo-immunotherapy induced cytotoxicity. <i>BMC Cancer</i> , 2014 , 14, 389	4.8	33
155	Dendrimers as high relaxivity MR contrast agents. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2014 , 6, 155-62	9.2	32

154	Photoimmunotherapy: comparative effectiveness of two monoclonal antibodies targeting the epidermal growth factor receptor. <i>Molecular Oncology</i> , 2014 , 8, 620-32	7.9	77
153	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
152	New technologies of cancer cell-specific molecular imaging and near infrared photoimmunotherapy. <i>Drug Delivery System</i> , 2014 , 29, 274-284	0	
151	Photoimmunotherapy of gastric cancer peritoneal carcinomatosis in a mouse model. <i>PLoS ONE</i> , 2014 , 9, e113276	3.7	51
150	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
149	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
148	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
147	Fluorescence-lifetime molecular imaging can detect invisible peritoneal ovarian tumors in bloody ascites. <i>Cancer Science</i> , 2014 , 105, 308-14	6.9	4
146	The effect of photoimmunotherapy followed by liposomal daunorubicin in a mixed tumor model: a demonstration of the super-enhanced permeability and retention effect after photoimmunotherapy. <i>Molecular Cancer Therapeutics</i> , 2014 , 13, 426-32	6.1	48
145	Improving conventional enhanced permeability and retention (EPR) effects; what is the appropriate target?. <i>Theranostics</i> , 2013 , 4, 81-9	12.1	635
144	Polychromatic in vivo imaging of multiple targets using visible and near infrared light. <i>Advanced Drug Delivery Reviews</i> , 2013 , 65, 1112-9	18.5	11
143	Markedly enhanced permeability and retention effects induced by photo-immunotherapy of tumors. <i>ACS Nano</i> , 2013 , 7, 717-24	16.7	187
142	In vivo real-time lymphatic draining using quantum-dot optical imaging in mice. <i>Contrast Media and Molecular Imaging</i> , 2013 , 8, 96-100	3.2	15
141	Short PEG-linkers improve the performance of targeted, activatable monoclonal antibody-indocyanine green optical imaging probes. <i>Bioconjugate Chemistry</i> , 2013 , 24, 811-6	6.3	48
140	Monoclonal antibody-fluorescent probe conjugates for in vivo target-specific cancer imaging: toward clinical translation. <i>Therapeutic Delivery</i> , 2013 , 4, 523-5	3.8	4
139	Acute cytotoxic effects of photoimmunotherapy assessed by 18F-FDG PET. <i>Journal of Nuclear Medicine</i> , 2013 , 54, 770-5	8.9	23
138	Activatable fluorescent cys-diabody conjugated with indocyanine green derivative: consideration of fluorescent catabolite kinetics on molecular imaging. <i>Journal of Biomedical Optics</i> , 2013 , 18, 101304	3.5	15
137	Endoscopic molecular imaging of cancer. <i>Future Oncology</i> , 2013 , 9, 1501-13	3.6	3

136	Improving the efficacy of Photoimmunotherapy (PIT) using a cocktail of antibody conjugates in a multiple antigen tumor model. <i>Theranostics</i> , 2013 , 3, 357-65	12.1	66
135	Response to Comment on "Rapid Cancer Detection by Topically Spraying a β -Glutamyltranspeptidase-Activated Fluorescent Probe". <i>Science Translational Medicine</i> , 2012 , 4, 121lr1-121lr1 ¹	17.5	1
134	Medical Uses of Fluorescence Imaging: Bringing Disease to Light. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2012 , 18, 1140-1146	3.8	14
133	In vivo breast cancer characterization imaging using two monoclonal antibodies activatably labeled with near infrared fluorophores. <i>Breast Cancer Research</i> , 2012 , 14, R61	8.3	51
132	Gadolinium MRI contrast agents based on triazine dendrimers: relaxivity and in vivo pharmacokinetics. <i>Bioconjugate Chemistry</i> , 2012 , 23, 2291-9	6.3	41
131	Near-infrared theranostic photoimmunotherapy (PIT): repeated exposure of light enhances the effect of immunoconjugate. <i>Bioconjugate Chemistry</i> , 2012 , 23, 604-9	6.3	115
130	Immediate in vivo target-specific cancer cell death after near infrared photoimmunotherapy. <i>BMC Cancer</i> , 2012 , 12, 345	4.8	70
129	Galactosyl human serum albumin-NMP1 conjugate: a near infrared (NIR)-activatable fluorescence imaging agent to detect peritoneal ovarian cancer metastases. <i>Bioconjugate Chemistry</i> , 2012 , 23, 1671-9	6.3	53
128	MR and optical imaging of early micrometastases in lymph nodes: triple labeling with nano-sized agents yielding distinct signals. <i>Contrast Media and Molecular Imaging</i> , 2012 , 7, 247-53	3.2	17
127	Recipe for a new imaging biomarker: carefully combine target, reagent, and technology. <i>Kidney International</i> , 2012 , 81, 129-31	9.9	1
126	The use of fluorescent proteins for developing cancer-specific target imaging probes. <i>Methods in Molecular Biology</i> , 2012 , 872, 191-204	1.4	9
125	Real-time monitoring of in vivo acute necrotic cancer cell death induced by near infrared photoimmunotherapy using fluorescence lifetime imaging. <i>Cancer Research</i> , 2012 , 72, 4622-8	10.1	67
124	Rational chemical design of the next generation of molecular imaging probes based on physics and biology: mixing modalities, colors and signals. <i>Chemical Society Reviews</i> , 2011 , 40, 4626-48	58.5	178
123	Rapid cancer detection by topically spraying a β -glutamyltranspeptidase-activated fluorescent probe. <i>Science Translational Medicine</i> , 2011 , 3, 110ra119	17.5	323
122	Cancer cell-selective in vivo near infrared photoimmunotherapy targeting specific membrane molecules. <i>Nature Medicine</i> , 2011 , 17, 1685-91	50.5	665
121	Quantitative and specific molecular imaging of cancer with labeled engineered monoclonal antibody fragments. <i>Therapeutic Delivery</i> , 2011 , 2, 345-58	3.8	4
120	Dendrimer-based MRI contrast agents: the effects of PEGylation on relaxivity and pharmacokinetics. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011 , 7, 1001-8	6	104
119	A portable fluorescence camera for testing surgical specimens in the operating room: description and early evaluation. <i>Molecular Imaging and Biology</i> , 2011 , 13, 862-7	3.8	16

118	Self-illuminating in vivo lymphatic imaging using a bioluminescence resonance energy transfer quantum dot nano-particle. <i>Contrast Media and Molecular Imaging</i> , 2011 , 6, 55-9	3.2	31
117	Optimizing quantitative in vivo fluorescence imaging with near-infrared quantum dots. <i>Contrast Media and Molecular Imaging</i> , 2011 , 6, 148-52	3.2	11
116	Near infrared fluorescence-guided real-time endoscopic detection of peritoneal ovarian cancer nodules using intravenously injected indocyanine green. <i>International Journal of Cancer</i> , 2011 , 129, 1671-75	7.5	82
115	Target-cancer-cell-specific activatable fluorescence imaging probes: rational design and in vivo applications. <i>Accounts of Chemical Research</i> , 2011 , 44, 83-90	24.3	314
114	Activatable optical imaging with a silica-rhodamine based near infrared (SiR700) fluorophore: a comparison with cyanine based dyes. <i>Bioconjugate Chemistry</i> , 2011 , 22, 2531-8	6.3	47
113	Biologically optimized nanosized molecules and particles: more than just size. <i>Bioconjugate Chemistry</i> , 2011 , 22, 993-1000	6.3	136
112	Targeted, activatable, in vivo fluorescence imaging of prostate-specific membrane antigen (PSMA) positive tumors using the quenched humanized J591 antibody-indocyanine green (ICG) conjugate. <i>Bioconjugate Chemistry</i> , 2011 , 22, 1700-5	6.3	104
111	In vivo longitudinal imaging of experimental human papillomavirus infection in mice with a multicolor fluorescence mini-endoscopy system. <i>Cancer Prevention Research</i> , 2011 , 4, 767-73	3.2	13
110	Molecular imaging of tumor invasion and metastases: the role of MRI. <i>NMR in Biomedicine</i> , 2011 , 24, 561-74	8.4	23
109	Semiquantitative assessment of the microdistribution of fluorescence-labeled monoclonal antibody in small peritoneal disseminations of ovarian cancer. <i>Cancer Science</i> , 2010 , 101, 820-5	6.9	16
108	Real-time optical imaging using quantum dot and related nanocrystals. <i>Nanomedicine</i> , 2010 , 5, 765-76	5.6	38
107	New nanosized biocompatible MR contrast agents based on lysine-dendri-graft macromolecules. <i>Bioconjugate Chemistry</i> , 2010 , 21, 955-60	6.3	37
106	Biodistribution and excretion of monosaccharide-albumin conjugates measured with in vivo near-infrared fluorescence imaging. <i>Bioconjugate Chemistry</i> , 2010 , 21, 1925-32	6.3	18
105	Multiplexed imaging in cancer diagnosis: applications and future advances. <i>Lancet Oncology</i> , 2010 , 11, 589-95	21.7	62
104	Magnetic resonance lymphangiography with a nano-sized gadolinium-labeled dendrimer in small and large animal models. <i>Nanomedicine</i> , 2010 , 5, 1183-91	5.6	34
103	Two-step synthesis of galactosylated human serum albumin as a targeted optical imaging agent for peritoneal carcinomatosis. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 1579-86	8.3	21
102	In vivo molecular imaging using nanomaterials: general in vivo characteristics of nano-sized reagents and applications for cancer diagnosis. <i>Molecular Membrane Biology</i> , 2010 , 27, 274-85	3.4	58
101	High sensitivity detection of cancer in vivo using a dual-controlled activation fluorescent imaging probe based on H-dimer formation and pH activation. <i>Molecular BioSystems</i> , 2010 , 6, 888-93		49

100	New strategies for fluorescent probe design in medical diagnostic imaging. <i>Chemical Reviews</i> , 2010 , 110, 2620-40	68.1	1668
99	Fluorescence lifetime imaging of activatable target specific molecular probes. <i>Contrast Media and Molecular Imaging</i> , 2010 , 5, 1-8	3.2	23
98	Influence of dendrimer generation and polyethylene glycol length on the biodistribution of PEGylated dendrimers. <i>International Journal of Pharmaceutics</i> , 2010 , 383, 293-6	6.5	89
97	In vivo target-specific activatable near-infrared optical labeling of humanized monoclonal antibodies. <i>Molecular Cancer Therapeutics</i> , 2009 , 8, 232-9	6.1	85
96	Multicolor imaging of lymphatic function with two nanomaterials: quantum dot-labeled cancer cells and dendrimer-based optical agents. <i>Nanomedicine</i> , 2009 , 4, 411-9	5.6	53
95	Toxicity of Organic Fluorophores Used in Molecular Imaging: Literature Review. <i>Molecular Imaging</i> , 2009 , 8, 7290.2009.00031	3.7	278
94	New approaches to lymphatic imaging. <i>Lymphatic Research and Biology</i> , 2009 , 7, 205-14	2.3	36
93	Multi-targeted multi-color in vivo optical imaging in a model of disseminated peritoneal ovarian cancer. <i>Journal of Biomedical Optics</i> , 2009 , 14, 014023	3.5	22
92	Dendrimers in medical nanotechnology. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2009 , 28, 12-22		66
91	Nanoparticles in sentinel lymph node mapping. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2009 , 1, 610-23	9.2	42
90	Multicolor in vivo targeted imaging to guide real-time surgery of HER2-positive micrometastases in a two-tumor coincident model of ovarian cancer. <i>Cancer Science</i> , 2009 , 100, 1099-104	6.9	49
89	In vivo real-time, multicolor, quantum dot lymphatic imaging. <i>Journal of Investigative Dermatology</i> , 2009 , 129, 2818-22	4.3	65
88	Selective molecular imaging of viable cancer cells with pH-activatable fluorescence probes. <i>Nature Medicine</i> , 2009 , 15, 104-9	50.5	657
87	Tumor-specific detection of an optically targeted antibody combined with a quencher-conjugated neutravidin "quencher-chaser": a dual "quench and chase" strategy to improve target to nontarget ratios for molecular imaging of cancer. <i>Bioconjugate Chemistry</i> , 2009 , 20, 147-54	6.3	26
86	In vivo stable tumor-specific painting in various colors using dehalogenase-based protein-tag fluorescent ligands. <i>Bioconjugate Chemistry</i> , 2009 , 20, 1367-74	6.3	36
85	Dual-modality molecular imaging using antibodies labeled with activatable fluorescence and a radionuclide for specific and quantitative targeted cancer detection. <i>Bioconjugate Chemistry</i> , 2009 , 20, 2177-84	6.3	85
84	In vivo multiple color lymphatic imaging using upconverting nanocrystals. <i>Journal of Materials Chemistry</i> , 2009 , 19, 6481		104
83	Activatable optical imaging probes with various fluorophore-quencher combinations 2009 ,		2

82	Clinical implications of near-infrared fluorescence imaging in cancer. <i>Future Oncology</i> , 2009 , 5, 1501-11	3.6	116
81	Fluorophore-quencher based activatable targeted optical probes for detecting in vivo cancer metastases. <i>Molecular Pharmaceutics</i> , 2009 , 6, 386-95	5.6	88
80	Molecular probes for the in vivo imaging of cancer. <i>Molecular BioSystems</i> , 2009 , 5, 1279-91		62
79	In vivo molecular imaging of cancer with a quenching near-infrared fluorescent probe using conjugates of monoclonal antibodies and indocyanine green. <i>Cancer Research</i> , 2009 , 69, 1268-72	10.1	263
78	H-type dimer formation of fluorophores: a mechanism for activatable, in vivo optical molecular imaging. <i>ACS Chemical Biology</i> , 2009 , 4, 535-46	4.9	146
77	Fluorescence imaging of tumors with "smart" pH-activatable targeted probes. <i>Methods in Molecular Biology</i> , 2009 , 574, 47-62	1.4	12
76	Lymphangiogenesis and Imaging of the Lymphatics in Cancer. <i>Cancer Metastasis - Biology and Treatment</i> , 2009 , 159-184		
75	Toxicity of organic fluorophores used in molecular imaging: literature review. <i>Molecular Imaging</i> , 2009 , 8, 341-54	3.7	122
74	Determination of optimal rhodamine fluorophore for in vivo optical imaging. <i>Bioconjugate Chemistry</i> , 2008 , 19, 1735-42	6.3	65
73	Clearance properties of nano-sized particles and molecules as imaging agents: considerations and caveats. <i>Nanomedicine</i> , 2008 , 3, 703-17	5.6	1409
72	Multiplexing with multispectral imaging: from mice to microscopy. <i>ILAR Journal</i> , 2008 , 49, 78-88	1.7	55
71	Multi-excitation near infrared (NIR) spectral fluorescence imaging using organic fluorophores 2008 ,		1
70	Dendrimer-based contrast agents for molecular imaging. <i>Current Topics in Medicinal Chemistry</i> , 2008 , 8, 1180-6	3	113
69	MR Lymphangiography Using Nano-Sized Paramagnetic Contrast Agents with Dendrimer Cores 2008 , 9-23		
68	An enzymatically activated fluorescence probe for targeted tumor imaging. <i>Journal of the American Chemical Society</i> , 2007 , 129, 3918-29	16.4	141
67	A self-quenched galactosamine-serum albumin-rhodamineX conjugate: a "smart" fluorescent molecular imaging probe synthesized with clinically applicable material for detecting peritoneal ovarian cancer metastases. <i>Clinical Cancer Research</i> , 2007 , 13, 6335-43	12.9	36
66	Toward improved syntheses of dendrimer-based magnetic resonance imaging contrast agents: new bifunctional diethylenetriaminepentaacetic acid ligands and nonaqueous conjugation chemistry. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 3185-93	8.3	53
65	Multimodal nanoprobe for radionuclide and five-color near-infrared optical lymphatic imaging. <i>ACS Nano</i> , 2007 , 1, 258-64	16.7	168

64	Spectral near-infrared fluorescence imaging of curved surfaces using projection reconstruction algorithms. <i>Contrast Media and Molecular Imaging</i> , 2007 , 2, 82-7	3.2	6
63	MR lymphangiography using dendrimer-based contrast agents: a comparison at 1.5T and 3.0T. <i>Magnetic Resonance in Medicine</i> , 2007 , 57, 431-6	4.4	12
62	A dendrimer-based nanosized contrast agent dual-labeled for magnetic resonance and optical fluorescence imaging to localize the sentinel lymph node in mice. <i>Journal of Magnetic Resonance Imaging</i> , 2007 , 25, 866-71	5.6	119
61	Two-color lymphatic mapping using Ig-conjugated near infrared optical probes. <i>Journal of Investigative Dermatology</i> , 2007 , 127, 2351-6	4.3	43
60	Targeted optical fluorescence imaging of human ovarian adenocarcinoma using a galactosyl serum albumin-conjugated fluorophore. <i>Cancer Science</i> , 2007 , 98, 1727-33	6.9	34
59	Real-Time Fluorescence-Enhanced Imaging as an Aid to Surgery in Ovarian Cancer. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2007 , 13, 1602-1609	3.8	5
58	Simultaneous multicolor imaging of five different lymphatic basins using quantum dots. <i>Nano Letters</i> , 2007 , 7, 1711-6	11.5	282
57	Small numbers of residual tumor cells at the site of primary inoculation are critical for anti-tumor immunity following challenge at a secondary location. <i>Cancer Immunology, Immunotherapy</i> , 2007 , 56, 1119-31	7.4	16
56	Simultaneous two-color spectral fluorescence lymphangiography with near infrared quantum dots to map two lymphatic flows from the breast and the upper extremity. <i>Breast Cancer Research and Treatment</i> , 2007 , 103, 23-8	4.4	106
55	Spectral fluorescence molecular imaging of lung metastases targeting HER2/neu. <i>Clinical Cancer Research</i> , 2007 , 13, 2936-45	12.9	67
54	Activatable fluorescent molecular imaging of peritoneal metastases following pretargeting with a biotinylated monoclonal antibody. <i>Cancer Research</i> , 2007 , 67, 3809-17	10.1	48
53	Two-color in vivo dynamic contrast-enhanced pharmacokinetic imaging. <i>Journal of Biomedical Optics</i> , 2007 , 12, 034016	3.5	11
52	A target cell-specific activatable fluorescence probe for in vivo molecular imaging of cancer based on a self-quenched avidin-rhodamine conjugate. <i>Cancer Research</i> , 2007 , 67, 2791-9	10.1	95
51	D-galactose receptor-targeted in vivo spectral fluorescence imaging of peritoneal metastasis using galactosamin-conjugated serum albumin-rhodamine green. <i>Journal of Biomedical Optics</i> , 2007 , 12, 051501	3.5	35
50	In vivo diagnosis of epidermal growth factor receptor expression using molecular imaging with a cocktail of optically labeled monoclonal antibodies. <i>Clinical Cancer Research</i> , 2007 , 13, 6639-48	12.9	98
49	In vivo molecular imaging to diagnose and subtype tumors through receptor-targeted optically labeled monoclonal antibodies. <i>Neoplasia</i> , 2007 , 9, 1021-9	6.4	80
48	Preparation and preliminary evaluation of a biotin-targeted, lectin-targeted dendrimer-based probe for dual-modality magnetic resonance and fluorescence imaging. <i>Bioconjugate Chemistry</i> , 2007 , 18, 1474-82	6.3	109
47	Delivery of gadolinium-labeled nanoparticles to the sentinel lymph node: comparison of the sentinel node visualization and estimations of intra-nodal gadolinium concentration by the magnetic resonance imaging. <i>Journal of Controlled Release</i> , 2006 , 111, 343-51	11.7	121

46	Imaging of the lymphatic system: new horizons. <i>Contrast Media and Molecular Imaging</i> , 2006 , 1, 230-45	3.2	109
45	Imaging acute renal failure with polyamine dendrimer-based MRI contrast agents. <i>Nephron Clinical Practice</i> , 2006 , 103, c45-9		25
44	Dendrimer-based nanoprobe for dual modality magnetic resonance and fluorescence imaging. <i>Nano Letters</i> , 2006 , 6, 1459-63	11.5	236
43	In vivo spectral fluorescence imaging of submillimeter peritoneal cancer implants using a lectin-targeted optical agent. <i>Neoplasia</i> , 2006 , 8, 607-12	6.4	51
42	A comparison of the emission efficiency of four common green fluorescence dyes after internalization into cancer cells. <i>Bioconjugate Chemistry</i> , 2006 , 17, 1426-31	6.3	45
41	Targeted optical imaging of cancer cells using lectin-binding BODIPY conjugated avidin. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 348, 807-13	3.4	44
40	Macromolecular MRI contrast agents for imaging tumor angiogenesis. <i>European Journal of Radiology</i> , 2006 , 60, 353-66	4.7	130
39	Detection of lymph node involvement in hematologic malignancies using micromagnetic resonance lymphangiography with a gadolinium-labeled dendrimer nanoparticle. <i>Neoplasia</i> , 2005 , 7, 984-91	6.4	47
38	Lymphatic dysfunction in transgenic mice expressing KSHV k-cyclin under the control of the VEGFR-3 promoter. <i>Blood</i> , 2005 , 105, 2356-63	2.2	33
37	Nano-sized MRI contrast agents with dendrimer cores. <i>Advanced Drug Delivery Reviews</i> , 2005 , 57, 2271-86	68.5	392
36	Dendrimer-enhanced MRI as a diagnostic and prognostic biomarker of sepsis-induced acute renal failure in aged mice. <i>Kidney International</i> , 2005 , 67, 2159-67	9.9	48
35	Application of a macromolecular contrast agent for detection of alterations of tumor vessel permeability induced by radiation. <i>Clinical Cancer Research</i> , 2004 , 10, 7712-20	12.9	71
34	Micro-MRI methods to detect renal cysts in mice. <i>Kidney International</i> , 2004 , 65, 1511-6	9.9	23
33	Hepatocyte targeting of ¹¹¹ In-labeled oligo-DNA with avidin or avidin-dendrimer complex. <i>Journal of Controlled Release</i> , 2004 , 95, 133-41	11.7	38
32	Polyamine dendrimer-based MRI contrast agents for functional kidney imaging to diagnose acute renal failure. <i>Journal of Magnetic Resonance Imaging</i> , 2004 , 20, 512-8	5.6	65
31	Lymphatic drainage imaging of breast cancer in mice by micro-magnetic resonance lymphangiography using a nano-size paramagnetic contrast agent. <i>Journal of the National Cancer Institute</i> , 2004 , 96, 703-8	9.7	131
30	Dendrimer-based nanosized MRI contrast agents. <i>Current Pharmaceutical Biotechnology</i> , 2004 , 5, 539-49	2.6	133
29	Dendrimer-based Macromolecular MRI Contrast Agents: Characteristics and Application. <i>Molecular Imaging</i> , 2003 , 2, 153535002003031	3.7	12

28	Comparison of dendrimer-based macromolecular contrast agents for dynamic micro-magnetic resonance lymphangiography. <i>Magnetic Resonance in Medicine</i> , 2003 , 50, 758-66	4.4	97
27	Activated clearance of a biotinylated macromolecular MRI contrast agent from the blood pool using an avidin chase. <i>Bioconjugate Chemistry</i> , 2003 , 14, 1044-7	6.3	30
26	Macromolecular MRI contrast agents with small dendrimers: pharmacokinetic differences between sizes and cores. <i>Bioconjugate Chemistry</i> , 2003 , 14, 388-94	6.3	233
25	Gadolinium-labeled dendrimers as biometric nanoprobe to detect vascular permeability. <i>Journal of Materials Chemistry</i> , 2003 , 13, 1523		44
24	Dendrimer-based macromolecular MRI contrast agents: characteristics and application. <i>Molecular Imaging</i> , 2003 , 2, 1-10	3.7	148
23	Micro-magnetic resonance lymphangiography in mice using a novel dendrimer-based magnetic resonance imaging contrast agent. <i>Cancer Research</i> , 2003 , 63, 271-6	10.1	86
22	Renal tubular damage detected by dynamic micro-MRI with a dendrimer-based magnetic resonance contrast agent. <i>Kidney International</i> , 2002 , 61, 1980-5	9.9	67
21	Dynamic micro-MRI of liver micrometastasis with a novel liver macromolecular MR contrast agent DAB-Am64-(1B4M-Gd)64. <i>Academic Radiology</i> , 2002 , 9 Suppl 2, S452-4	4.3	6
20	Increased (18)F-FDG uptake in a model of inflammation: concanavalin A-mediated lymphocyte activation. <i>Journal of Nuclear Medicine</i> , 2002 , 43, 658-63	8.9	101
19	Micro-MR angiography of normal and intratumoral vessels in mice using dedicated intravascular MR contrast agents with high generation of polyamidoamine dendrimer core: reference to pharmacokinetic properties of dendrimer-based MR contrast agents. <i>Journal of Magnetic Resonance in Medicine</i> , 2001 , 44, 705-13	5.6	78
18	Novel intravascular macromolecular MRI contrast agent with generation-4 polyamidoamine dendrimer core: accelerated renal excretion with coinjection of lysine. <i>Magnetic Resonance in Medicine</i> , 2001 , 46, 457-64	4.4	39
17	3D MR angiography of intratumoral vasculature using a novel macromolecular MR contrast agent. <i>Magnetic Resonance in Medicine</i> , 2001 , 46, 579-85	4.4	42
16	Positive effects of polyethylene glycol conjugation to generation-4 polyamidoamine dendrimers as macromolecular MR contrast agents. <i>Magnetic Resonance in Medicine</i> , 2001 , 46, 781-8	4.4	111
15	Novel liver macromolecular MR contrast agent with a polypropylenimine diaminobutyl dendrimer core: comparison to the vascular MR contrast agent with the polyamidoamine dendrimer core. <i>Magnetic Resonance in Medicine</i> , 2001 , 46, 795-802	4.4	70
14	Pharmacokinetics and enhancement patterns of macromolecular MR contrast agents with various sizes of polyamidoamine dendrimer cores. <i>Magnetic Resonance in Medicine</i> , 2001 , 46, 1169-73	4.4	113
13	3D-micro-MR angiography of mice using macromolecular MR contrast agents with polyamidoamine dendrimer core with reference to their pharmacokinetic properties. <i>Magnetic Resonance in Medicine</i> , 2001 , 45, 454-60	4.4	133
12	Polysplenia associated with semiannular pancreas. <i>European Radiology</i> , 2001 , 11, 1639-41	8	11
11	Avidin-dendrimer-(1B4M-Gd)(254): a tumor-targeting therapeutic agent for gadolinium neutron capture therapy of intraperitoneal disseminated tumor which can be monitored by MRI. <i>Bioconjugate Chemistry</i> , 2001 , 12, 587-93	6.3	91

10	Comparison of the macromolecular MR contrast agents with ethylenediamine-core versus ammonia-core generation-6 polyamidoamine dendrimer. <i>Bioconjugate Chemistry</i> , 2001 , 12, 100-7	6.3	64
9	Monoclonal antibody-dendrimer conjugates enable radiolabeling of antibody with markedly high specific activity with minimal loss of immunoreactivity. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2000 , 27, 1334-9		90
8	Paraneoplastic syndromes associated with ovarian neoplasms. <i>International Journal of Clinical Oncology</i> , 2000 , 5, 79-84	4.2	3
7	Evaluation of the in vivo biodistribution of indium-111 and yttrium-88 labeled dendrimer-1B4M-DTPA and its conjugation with anti-Tac monoclonal antibody. <i>Bioconjugate Chemistry</i> , 1999 , 10, 103-11	6.3	98
6	Inflammation-seeking scintigraphy with radiolabeled biotinylated polyclonal IgG followed by the injection of avidin chase. <i>Nuclear Medicine and Biology</i> , 1996 , 23, 29-32	2.1	5
5	Effect of circulating antigen on immunoscintigraphy of ovarian cancer patients using anti-CA125 monoclonal antibody. <i>Japanese Journal of Cancer Research</i> , 1996 , 87, 655-61		4
4	Comparison of the chase effects of avidin, streptavidin, neutravidin, and avidin-ferritin on a radiolabeled biotinylated anti-tumor monoclonal antibody. <i>Japanese Journal of Cancer Research</i> , 1995 , 86, 310-4		21
3	Uptake of pentavalent technetium-99m dimercaptosuccinic acid in idiopathic synovial chondromatosis. <i>Annals of Nuclear Medicine</i> , 1995 , 9, 153-5	2.5	4
2	Scintigraphic detection of neural-cell-derived small-cell lung cancer using glioma-specific antibody. <i>Journal of Cancer Research and Clinical Oncology</i> , 1994 , 120, 259-62	4.9	14
1	Production of multiple growth factors by a newly established human thyroid carcinoma cell line. <i>Japanese Journal of Cancer Research</i> , 1992 , 83, 153-8		31