

# Fijs Wb Van Leeuwen

## List of Publications by Citations

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225  
papers

7,411  
citations

45  
h-index

76  
g-index

251  
ext. papers

8,719  
ext. citations

6.8  
avg, IF

5.98  
L-index

#	Paper	IF	Citations
225	Potent activity of carfilzomib, a novel, irreversible inhibitor of the ubiquitin-proteasome pathway, against preclinical models of multiple myeloma. <i>Blood</i> , <b>2007</b> , 110, 3281-90	2.2	591
224	Intraoperative laparoscopic fluorescence guidance to the sentinel lymph node in prostate cancer patients: clinical proof of concept of an integrated functional imaging approach using a multimodal tracer. <i>European Urology</i> , <b>2011</b> , 60, 826-33	10.2	244
223	Selective induction of chemotherapy resistance of mammary tumors in a conditional mouse model for hereditary breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 12117-22	11.5	241
222	Disease-associated prion protein oligomers inhibit the 26S proteasome. <i>Molecular Cell</i> , <b>2007</b> , 26, 175-88	17.6	212
221	Detection of colorectal polyps in humans using an intravenously administered fluorescent peptide targeted against c-Met. <i>Nature Medicine</i> , <b>2015</b> , 21, 955-61	50.5	191
220	Comparing the hybrid fluorescent-radioactive tracer indocyanine green-99mTc-nanocolloid with 99mTc-nanocolloid for sentinel node identification: a validation study using lymphoscintigraphy and SPECT/CT. <i>Journal of Nuclear Medicine</i> , <b>2012</b> , 53, 1034-40	8.9	185
219	A fluorescent broad-spectrum proteasome inhibitor for labeling proteasomes in vitro and in vivo. <i>Chemistry and Biology</i> , <b>2006</b> , 13, 1217-26		148
218	Concomitant radio- and fluorescence-guided sentinel lymph node biopsy in squamous cell carcinoma of the oral cavity using ICG-(99m)Tc-nanocolloid. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2012</b> , 39, 1128-36	8.8	127
217	In vitro toxicity studies of polymer-coated gold nanorods. <i>Nanotechnology</i> , <b>2010</b> , 21, 145101	3.4	119
216	Light interactions with gold nanorods and cells: implications for photothermal nanotherapeutics. <i>Nano Letters</i> , <b>2011</b> , 11, 1887-94	11.5	118
215	A hybrid radioactive and fluorescent tracer for sentinel node biopsy in penile carcinoma as a potential replacement for blue dye. <i>European Urology</i> , <b>2014</b> , 65, 600-9	10.2	117
214	Interaction of dioxygen with the electronic excited state of Ir(III) and Ru(II) complexes: Principles and biomedical applications. <i>Coordination Chemistry Reviews</i> , <b>2011</b> , 255, 2542-2554	23.2	108
213	Technetium-based Prostate-specific Membrane Antigen-radioguided Surgery in Recurrent Prostate Cancer. <i>European Urology</i> , <b>2019</b> , 75, 659-666	10.2	107
212	Clinical trial of combined radio- and fluorescence-guided sentinel lymph node biopsy in breast cancer. <i>British Journal of Surgery</i> , <b>2013</b> , 100, 1037-44	5.3	100
211	Irradiation induced modest changes in murine cardiac function despite progressive structural damage to the myocardium and microvasculature. <i>Radiotherapy and Oncology</i> , <b>2012</b> , 103, 143-50	5.3	100
210	Feasibility of sentinel node biopsy in head and neck melanoma using a hybrid radioactive and fluorescent tracer. <i>Annals of Surgical Oncology</i> , <b>2012</b> , 19, 1988-94	3.1	97
209	Multimodal tumor-targeting peptides functionalized with both a radio- and a fluorescent label. <i>Bioconjugate Chemistry</i> , <b>2010</b> , 21, 1709-19	6.3	91

208	Multimodal Surgical Guidance during Sentinel Node Biopsy for Melanoma: Combined Gamma Tracing and Fluorescence Imaging of the Sentinel Node through Use of the Hybrid Tracer Indocyanine Green-(99m)Tc-Nanocolloid. <i>Radiology</i> , <b>2015</b> , 275, 521-9	20.5	90
207	The best of both worlds: a hybrid approach for optimal pre- and intraoperative identification of sentinel lymph nodes. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2018</b> , 45, 1915-1925	8.8	87
206	Optimisation of fluorescence guidance during robot-assisted laparoscopic sentinel node biopsy for prostate cancer. <i>European Urology</i> , <b>2014</b> , 66, 991-8	10.2	76
205	Sortase A-mediated site-specific labeling of camelid single-domain antibody-fragments: a versatile strategy for multiple molecular imaging modalities. <i>Contrast Media and Molecular Imaging</i> , <b>2016</b> , 11, 328-339	3.2	76
204	A self-assembled multimodal complex for combined pre- and intraoperative imaging of the sentinel lymph node. <i>Nanotechnology</i> , <b>2010</b> , 21, 355101	3.4	75
203	Image navigation as a means to expand the boundaries of fluorescence-guided surgery. <i>Physics in Medicine and Biology</i> , <b>2012</b> , 57, 3123-36	3.8	73
202	Development and prospects of dedicated tracers for the molecular imaging of bacterial infections. <i>Bioconjugate Chemistry</i> , <b>2013</b> , 24, 1971-89	6.3	72
201	Selective self-organization of guest molecules in self-assembled molecular boxes. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 12697-708	16.4	69
200	Sentinel Node Procedure in Prostate Cancer: A Systematic Review to Assess Diagnostic Accuracy. <i>European Urology</i> , <b>2017</b> , 71, 596-605	10.2	67
199	Luminescence-based Imaging Approaches in the Field of Interventional Molecular Imaging. <i>Radiology</i> , <b>2015</b> , 276, 12-29	20.5	66
198	Optical imaging as an expansion of nuclear medicine: Cerenkov-based luminescence vs fluorescence-based luminescence. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2013</b> , 40, 1283-91	8.8	66
197	Imaging agents for the chemokine receptor 4 (CXCR4). <i>Chemical Society Reviews</i> , <b>2012</b> , 41, 5239-61	58.5	66
196	Tracer-cocktail injections for combined pre- and intraoperative multimodal imaging of lymph nodes in a spontaneous mouse prostate tumor model. <i>Journal of Biomedical Optics</i> , <b>2011</b> , 16, 016004	3.5	64
195	Targeted non-covalent self-assembled nanoparticles based on human serum albumin. <i>Biomaterials</i> , <b>2012</b> , 33, 867-75	15.6	63
194	Size and affinity kinetics of nanobodies influence targeting and penetration of solid tumours. <i>Journal of Controlled Release</i> , <b>2020</b> , 317, 34-42	11.7	63
193	Phosphorescence imaging of living cells with amino acid-functionalized tris(2-phenylpyridine)iridium(III) complexes. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 2105-14	5.1	61
192	Fluorescence guidance in urologic surgery. <i>Current Opinion in Urology</i> , <b>2012</b> , 22, 109-20	2.8	61
191	Profiling proteasome activity in tissue with fluorescent probes. <i>Molecular Pharmaceutics</i> , <b>2007</b> , 4, 739-48	5.6	59

190	Image-guided hepatopancreatobiliary surgery using near-infrared fluorescent light. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , <b>2012</b> , 19, 626-37	2.8	58
189	Photocontrolled release and uptake of a porphyrin guest by dithienylethene-tethered beta-cyclodextrin host dimers. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 1114-23	4.8	58
188	Multimodal surgical guidance towards the sentinel node in vulvar cancer. <i>Gynecologic Oncology</i> , <b>2013</b> , 131, 720-5	4.9	57
187	Regulatory strategies in the complexation and release of a noncovalent guest trimer by a self-assembled molecular cage. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 5717-22	16.4	57
186	Sentinel Lymph Node Biopsy in Vulvar Cancer Using Combined Radioactive and Fluorescence Guidance. <i>International Journal of Gynecological Cancer</i> , <b>2015</b> , 25, 1086-93	3.5	55
185	Selecting Potential Targetable Biomarkers for Imaging Purposes in Colorectal Cancer Using Target Selection Criteria (TASC): A Novel Target Identification Tool. <i>Translational Oncology</i> , <b>2011</b> , 4, 71-82	4.9	53
184	Synthesis and evaluation of a bimodal CXCR4 antagonistic peptide. <i>Bioconjugate Chemistry</i> , <b>2011</b> , 22, 859-64	6.3	53
183	The EANM practical guidelines for sentinel lymph node localisation in oral cavity squamous cell carcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2019</b> , 46, 623-637	8.8	51
182	Synthesis and Preclinical Characterization of the PSMA-Targeted Hybrid Tracer PSMA-I&F for Nuclear and Fluorescence Imaging of Prostate Cancer. <i>Journal of Nuclear Medicine</i> , <b>2019</b> , 60, 71-78	8.9	49
181	Tailoring Fluorescent Dyes To Optimize a Hybrid RGD-Tracer. <i>Bioconjugate Chemistry</i> , <b>2016</b> , 27, 1253-8	6.3	46
180	Development of a Hybrid Tracer for SPECT and Optical Imaging of Bacterial Infections. <i>Bioconjugate Chemistry</i> , <b>2015</b> , 26, 839-49	6.3	45
179	Computer-assisted surgery: virtual- and augmented-reality displays for navigation during urological interventions. <i>Current Opinion in Urology</i> , <b>2018</b> , 28, 205-213	2.8	44
178	Sentinel lymph node biopsy for prostate cancer: a hybrid approach. <i>Journal of Nuclear Medicine</i> , <b>2013</b> , 54, 493-6	8.9	44
177	Single Lesion on Prostate-specific Membrane Antigen-ligand Positron Emission Tomography and Low Prostate-specific Antigen Are Prognostic Factors for a Favorable Biochemical Response to Prostate-specific Membrane Antigen-targeted Radioguided Surgery in Recurrent Prostate Cancer. <i>Journal of Nuclear Medicine</i> , <b>2019</b> , 60, 547-553	10.2	43
176	Multimodal hybrid imaging agents for sentinel node mapping as a means to (re)connect nuclear medicine to advances made in robot-assisted surgery. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2016</b> , 43, 1278-87	8.8	43
175	Robot-assisted laparoscopic surgery using DROP-IN radioguidance: first-in-human translation. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2019</b> , 46, 49-53	8.8	43
174	Recent advances in nuclear and hybrid detection modalities for image-guided surgery. <i>Expert Review of Medical Devices</i> , <b>2019</b> , 16, 711-734	3.5	43
173	Hybrid peptide dendrimers for imaging of chemokine receptor 4 (CXCR4) expression. <i>Molecular Pharmaceutics</i> , <b>2011</b> , 8, 2444-53	5.6	43

172	Relationship between intraprostatic tracer deposits and sentinel lymph node mapping in prostate cancer patients. <i>Journal of Nuclear Medicine</i> , <b>2012</b> , 53, 1026-33	8.9	42
171	Fluorescence guided surgery and tracer-dose, fact or fiction?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2016</b> , 43, 1857-67	8.8	41
170	Multispectral Fluorescence Imaging During Robot-assisted Laparoscopic Sentinel Node Biopsy: A First Step Towards a Fluorescence-based Anatomic Roadmap. <i>European Urology</i> , <b>2017</b> , 72, 110-117	10.2	40
169	(Non-targeted) radioactive/fluorescent nanoparticles and their potential in combined pre- and intraoperative imaging during sentinel lymph node resection. <i>Nanotechnology</i> , <b>2010</b> , 21, 482001	3.4	40
168	Peptide-functionalized luminescent iridium complexes for lifetime imaging of CXCR4 expression. <i>ChemBioChem</i> , <b>2011</b> , 12, 1897-903	3.8	39
167	First-in-human evaluation of a hybrid modality that allows combined radio- and (near-infrared) fluorescence tracing during surgery. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2015</b> , 42, 1639-1647	8.8	38
166	A controlled human <i>Schistosoma mansoni</i> infection model to advance novel drugs, vaccines and diagnostics. <i>Nature Medicine</i> , <b>2020</b> , 26, 326-332	50.5	38
165	Feasibility of intraoperative navigation to the sentinel node in the groin using preoperatively acquired single photon emission computerized tomography data: transferring functional imaging to the operating room. <i>Journal of Urology</i> , <b>2014</b> , 192, 1810-6	2.5	37
164	Selective $^{226}\text{Ra}^{2+}$ ionophores provided by self-assembly of guanosine and isoguanosine derivatives. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 16575-81	16.4	37
163	Sentinel node biopsy for prostate cancer: report from a consensus panel meeting. <i>BJU International</i> , <b>2017</b> , 120, 204-211	5.6	36
162	Dual-emissive quantum dots for multispectral intraoperative fluorescence imaging. <i>Biomaterials</i> , <b>2010</b> , 31, 6823-32	15.6	35
161	uPAR-targeted multimodal tracer for pre- and intraoperative imaging in cancer surgery. <i>Oncotarget</i> , <b>2015</b> , 6, 14260-73	3.3	35
160	(Near-Infrared) Fluorescence-Guided Surgery Under Ambient Light Conditions: A Next Step to Embedment of the Technology in Clinical Routine. <i>Annals of Surgical Oncology</i> , <b>2016</b> , 23, 2586-95	3.1	35
159	Multiple ionic interactions for noncovalent synthesis of molecular capsules in polar solvents. <i>New Journal of Chemistry</i> , <b>2005</b> , 29, 243	3.6	34
158	Technologies for image-guided surgery for managing lymphatic metastases in prostate cancer. <i>Nature Reviews Urology</i> , <b>2019</b> , 16, 159-171	5.5	34
157	Best practices in near-infrared fluorescence imaging with indocyanine green (NIRF/ICG)-guided robotic urologic surgery: a systematic review-based expert consensus. <i>World Journal of Urology</i> , <b>2020</b> , 38, 883-896	4	34
156	Synthesis and conformational evaluation of p-tert-butylthiacalix[4]arene-crowns. <i>Journal of Organic Chemistry</i> , <b>2004</b> , 69, 3928-36	4.2	32
155	Synthesis and systematic evaluation of symmetric sulfonated centrally C C bonded cyanine near-infrared dyes for protein labelling. <i>Dyes and Pigments</i> , <b>2016</b> , 132, 7-19	4.6	32

154	Radium-223 chloride: Extending life in prostate cancer patients by treating bone metastases. <i>Clinical Cancer Research</i> , <b>2013</b> , 19, 5822-7	12.9	31
153	Multimodal interventional molecular imaging of tumor margins and distant metastases by targeting $\alpha_5\beta_1$ integrin. <i>ChemBioChem</i> , <b>2012</b> , 13, 1039-45	3.8	30
152	Dendritic ruthenium(II)-based dyes tuneable for diagnostic or therapeutic applications. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 464-7	4.8	30
151	High-resolution imaging and single-cell analysis via laser ablation-inductively coupled plasma-mass spectrometry for the determination of membranous receptor expression levels in breast cancer cell lines using receptor-specific hybrid tracers. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1074, 43-53	6.6	29
150	Toward (Hybrid) Navigation of a Fluorescence Camera in an Open Surgery Setting. <i>Journal of Nuclear Medicine</i> , <b>2016</b> , 57, 1650-1653	8.9	29
149	Enhanced luminescence of Ag nanoclusters via surface modification. <i>Nanotechnology</i> , <b>2013</b> , 24, 075703	3.4	29
148	Hybrid Tracers Based on Cyanine Backbones Targeting Prostate-Specific Membrane Antigen: Tuning Pharmacokinetic Properties and Exploring Dye-Protein Interaction. <i>Journal of Nuclear Medicine</i> , <b>2020</b> , 61, 234-241	8.9	29
147	An update on radiotracer development for molecular imaging of bacterial infections. <i>Clinical and Translational Imaging</i> , <b>2019</b> , 7, 105-124	2	28
146	Trending: Radioactive and Fluorescent Bimodal/Hybrid Tracers as Multiplexing Solutions for Surgical Guidance. <i>Journal of Nuclear Medicine</i> , <b>2020</b> , 61, 13-19	8.9	28
145	Advances in sentinel node dissection in prostate cancer from a technical perspective. <i>International Journal of Urology</i> , <b>2015</b> , 22, 898-909	2.3	27
144	Introducing navigation during melanoma-related sentinel lymph node procedures in the head-and-neck region. <i>EJNMMI Research</i> , <b>2017</b> , 7, 65	3.6	26
143	First Robotic SPECT for Minimally Invasive Sentinel Lymph Node Mapping. <i>IEEE Transactions on Medical Imaging</i> , <b>2016</b> , 35, 830-8	11.7	26
142	Minimal-Invasive Robot-Assisted Image-Guided Resection of Prostate-Specific Membrane Antigen-Positive Lymph Nodes in Recurrent Prostate Cancer. <i>Clinical Nuclear Medicine</i> , <b>2019</b> , 44, 580-581	1.7	26
141	Tracers for Fluorescence-Guided Surgery: How Elongation of the Polymethine Chain in Cyanine Dyes Alters the Pharmacokinetics of a Dual-Modality c[RGDyK] Tracer. <i>Journal of Nuclear Medicine</i> , <b>2018</b> , 59, 986-992	8.9	25
140	Hybrid surgical guidance based on the integration of radionuclear and optical technologies. <i>British Journal of Radiology</i> , <b>2016</b> , 89, 20150797	3.4	25
139	Current perspectives in the use of molecular imaging to target surgical treatments for genitourinary cancers. <i>European Urology</i> , <b>2014</b> , 65, 947-64	10.2	25
138	Self-assembled ionophores from isoguanosine: diffusion NMR spectroscopy clarifies cation $\beta$ and anion $\beta$ influence on supramolecular structure. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 1969-77	4.8	25
137	Regulatory Strategies in the Complexation and Release of a Noncovalent Guest Trimer by a Self-Assembled Molecular Cage. <i>Angewandte Chemie</i> , <b>2003</b> , 115, 5895-5900	3.6	25

136	Hybrid Indocyanine Green-Tc-nanocolloid for Single-photon Emission Computed Tomography and Combined Radio- and Fluorescence-guided Sentinel Node Biopsy in Penile Cancer: Results of 740 Inguinal Basins Assessed at a Single Institution. <i>European Urology</i> , <b>2020</b> , 78, 865-872	10.2	24
135	Biomarkers in preclinical cancer imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2015</b> , 42, 579-96	8.8	23
134	The next evolution in radioguided surgery: breast cancer related sentinel node localization using a freehandSPECT-mobile gamma camera combination. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2015</b> , 5, 233-45	2.2	23
133	Revolutionizing (robot-assisted) laparoscopic gamma tracing using a drop-in gamma probe technology. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2016</b> , 6, 1-17	2.2	23
132	Image-Guided Surgery: Are We Getting the Most Out of Small-Molecule Prostate-Specific-Membrane-Antigen-Targeted Tracers?. <i>Bioconjugate Chemistry</i> , <b>2020</b> , 31, 375-395	6.3	23
131	A DROP-IN Gamma Probe for Robot-assisted Radioguided Surgery of Lymph Nodes During Radical Prostatectomy. <i>European Urology</i> , <b>2021</b> , 79, 124-132	10.2	23
130	Size-Sorting and Pattern Formation of Nanoparticle-Loaded Micellar Superstructures in Biconcave Thin Films. <i>ACS Nano</i> , <b>2017</b> , 11, 11225-11231	16.7	22
129	Cation control on the synthesis of p-t-butylthiacalix[4](bis)crown ethers. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 9675-9678	2	22
128	Dendrimer-encapsulated nanoparticle-core micelles as a modular strategy for particle-in-a-box-in-a-box nanostructures. <i>Nanoscale</i> , <b>2017</b> , 9, 18619-18623	7.7	20
127	Hybrid Surgical Guidance: Does Hardware Integration of $\beta$ and Fluorescence Imaging Modalities Make Sense?. <i>Journal of Nuclear Medicine</i> , <b>2017</b> , 58, 646-650	8.9	20
126	Obtaining control of cell surface functionalizations via Pre-targeting and Supramolecular host guest interactions. <i>Scientific Reports</i> , <b>2017</b> , 7, 39908	4.9	19
125	Ionizable (Thia)calix[4]crowns as highly selective $^{226}\text{Ra}^{2+}$ ionophores. <i>Analytical Chemistry</i> , <b>2005</b> , 77, 4611-7	7.8	19
124	Artificial intelligence and robotics: a combination that is changing the operating room. <i>World Journal of Urology</i> , <b>2020</b> , 38, 2359-2366	4	19
123	Tumor bracketing and safety margin estimation using multimodal marker seeds: a proof of concept. <i>Journal of Biomedical Optics</i> , <b>2010</b> , 15, 056021	3.5	18
122	Non-invasive longitudinal imaging of tumor progression using an $(^{111}\text{In})$ indium labeled CXCR4 peptide antagonist. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2012</b> , 2, 99-109	2.2	18
121	Fluorescent imaging of bacterial infections and recent advances made with multimodal radiopharmaceuticals. <i>Clinical and Translational Imaging</i> , <b>2019</b> , 7, 125-138	2	17
120	Immunohistochemical detection of the CXCR4 expression in tumor tissue using the fluorescent peptide antagonist Ac-TZ14011-FITC. <i>Translational Oncology</i> , <b>2011</b> , 4, 234-40	4.9	17
119	Use of a single hybrid imaging agent for integration of target validation with in vivo and ex vivo imaging of mouse tumor lesions resembling human DCIS. <i>PLoS ONE</i> , <b>2013</b> , 8, e48324	3.7	17

118	Multispectral visualization of surgical safety-margins using fluorescent marker seeds. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2012</b> , 2, 151-62	2.2	17
117	Prostate-Specific Membrane Antigen PET/CT Combined with Sentinel Node Biopsy for Primary Lymph Node Staging in Prostate Cancer. <i>Journal of Nuclear Medicine</i> , <b>2020</b> , 61, 540-545	8.9	17
116	The influence of systematic structure alterations on the photophysical properties and conjugation characteristics of asymmetric cyanine 5 dyes. <i>Dyes and Pigments</i> , <b>2018</b> , 152, 19-28	4.6	16
115	Validation of intratracheal instillation of lung tumour cells in mice using single photon emission computed tomography/computed tomography imaging. <i>Laboratory Animals</i> , <b>2010</b> , 44, 40-5	2.6	16
114	Selective extraction of naturally occurring radioactive Ra <sup>2+</sup> . <i>Chemical Society Reviews</i> , <b>2005</b> , 34, 753-61	58.5	16
113	Prostate-Specific Membrane Antigen-Guided Surgery. <i>Journal of Nuclear Medicine</i> , <b>2020</b> , 61, 6-12	8.9	16
112	Multi-Wavelength Fluorescence in Image-Guided Surgery, Clinical Feasibility and Future Perspectives. <i>Molecular Imaging</i> , <b>2020</b> , 19, 1536012120962333	3.7	16
111	Evaluation of a Fluorescent and Radiolabeled Hybrid Somatostatin Analog In Vitro and in Mice Bearing H69 Neuroendocrine Xenografts. <i>Journal of Nuclear Medicine</i> , <b>2016</b> , 57, 1289-95	8.9	16
110	Navigation of a robot-integrated fluorescence laparoscope in preoperative SPECT/CT and intraoperative freehand SPECT imaging data: a phantom study. <i>Journal of Biomedical Optics</i> , <b>2016</b> , 21, 86008	3.5	16
109	The Impact of Adding Sentinel Node Biopsy to Extended Pelvic Lymph Node Dissection on Biochemical Recurrence in Prostate Cancer Patients Treated with Robot-Assisted Radical Prostatectomy. <i>Journal of Nuclear Medicine</i> , <b>2018</b> , 59, 204-209	8.9	15
108	A Supramolecular Approach for Liver Radioembolization. <i>Theranostics</i> , <b>2018</b> , 8, 2377-2386	12.1	15
107	An innovative multimodality approach for sentinel node mapping and biopsy in head and neck malignancies. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , <b>2014</b> , 33, 274-9	0.4	15
106	Added value of the hybrid tracer indocyanine green-99mTc-nanocolloid for sentinel node biopsy in a series of patients with different lymphatic drainage patterns. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , <b>2013</b> , 32, 227-33	0.4	15
105	Increased levels of choline metabolites are an early marker of docetaxel treatment response in BRCA1-mutated mouse mammary tumors: an assessment by ex vivo proton magnetic resonance spectroscopy. <i>Journal of Translational Medicine</i> , <b>2015</b> , 13, 114	8.5	15
104	Questioning the value of (99m)Tc-HYNIC-annexin V based response monitoring after docetaxel treatment in a mouse model for hereditary breast cancer. <i>Applied Radiation and Isotopes</i> , <b>2011</b> , 69, 656-62	1.7	15
103	Sentinel Node Imaging and Radioguided Surgery in the Era of SPECT/CT and PET/CT: Toward New Interventional Nuclear Medicine Strategies. <i>Clinical Nuclear Medicine</i> , <b>2020</b> , 45, 771-777	1.7	15
102	Navigation of Fluorescence Cameras during Soft Tissue Surgery-Is it Possible to Use a Single Navigation Setup for Various Open and Laparoscopic Urological Surgery Applications?. <i>Journal of Urology</i> , <b>2018</b> , 199, 1061-1068	2.5	14
101	Surgical Guidance in Prostate Cancer: "From Molecule to Man" Translations. <i>Clinical Cancer Research</i> , <b>2016</b> , 22, 1304-6	12.9	14



100	Noninvasive functional imaging of P-glycoprotein-mediated doxorubicin resistance in a mouse model of hereditary breast cancer to predict response, and assign P-gp inhibitor sensitivity. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2009</b> , 36, 406-12	8.8	14
99	Early Induction of Human Regulatory Dermal Antigen Presenting Cells by Skin-Penetrating Cercariae. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2510	8.4	14
98	Multispectral-Fluorescence Imaging as a Tool to Separate Healthy from Disease-Related Lymphatic Anatomy During Robot-Assisted Laparoscopy. <i>Journal of Nuclear Medicine</i> , <b>2018</b> , 59, 1757-1760	8.9	14
97	U-SPECT-BioFluo: an integrated radionuclide, bioluminescence, and fluorescence imaging platform. <i>EJNMMI Research</i> , <b>2014</b> , 4, 56	3.6	13
96	Hybrid techniques for intraoperative sentinel lymph node imaging: early experiences and future prospects. <i>Imaging in Medicine</i> , <b>2013</b> , 5, 147-159	1	13
95	A DROP-IN beta probe for robot-assisted Ga-PSMA radioguided surgery: first ex vivo technology evaluation using prostate cancer specimens. <i>EJNMMI Research</i> , <b>2020</b> , 10, 92	3.6	13
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93	Multispectral fluorescence guided surgery; a feasibility study in a phantom using a clinical-grade laparoscopic camera system. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2017</b> , 7, 138-147	2.7	12
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