

Fijs Wb Van Leeuwen

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.

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	Cohort study of oligorecurrent prostate cancer patients: Oncological outcomes of patients treated with salvage lymph node dissection via PSMA radioguided surgery.. <i>Journal of Clinical Oncology</i> , 2022 , 40, 106-106	2.2	
224	Incidence and risk factor analysis of complications after sentinel node biopsy for penile cancer.. <i>BJU International</i> , 2022 ,	5.6	2
223	Feasibility of fluorescence imaging at microdosing using a hybrid PSMA tracer during robot-assisted radical prostatectomy in a large animal model.. <i>EJNMMI Research</i> , 2022 , 12, 14	3.6	1
222	Click-on fluorescence detectors: using robotic surgical instruments to characterize molecular tissue aspects.. <i>Journal of Robotic Surgery</i> , 2022 , 1	2.9	0
221	Precision surgery: the role of intra-operative real-time image guidance - outcomes from a multidisciplinary European consensus conference.. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2022 , 12, 74-80	2.2	
220	The impact of drainage pathways on the detection of nodal metastases in prostate cancer: a phase II randomized comparison of intratumoral vs intraprostatic tracer injection for sentinel node detection. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 1	8.8	2
219	Multi-wavelength fluorescence imaging with a da Vinci Firefly-a technical look behind the scenes. <i>Journal of Robotic Surgery</i> , 2021 , 15, 751-760	2.9	4
218	Interventional nuclear medicine: a focus on radioguided intervention and surgery. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 65, 4-19	1.4	3
217	Clustering and Erratic Movement Patterns of Syringe-Injected versus Mosquito-Inoculated Malaria Sporozoites Underlie Decreased Infectivity. <i>MSphere</i> , 2021 , 6,	5	1
216	EANM position paper on the role of radiobiology in nuclear medicine. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 3365-3377	8.8	6
215	Intraoperative visualization of nerves using a myelin protein-zero specific fluorescent tracer. <i>EJNMMI Research</i> , 2021 , 11, 50	3.6	0
214	c-MET receptor-targeted fluorescence on the road to image-guided surgery in penile squamous cell carcinoma patients. <i>Journal of Nuclear Medicine</i> , 2021 ,	8.9	9
213	Translation of c-Met Targeted Image-Guided Surgery Solutions in Oral Cavity Cancer-Initial Proof of Concept Data. <i>Cancers</i> , 2021 , 13,	6.6	4
212	The Click-On gamma probe, a second-generation tethered robotic gamma probe that improves dexterity and surgical decision-making. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 4142-4151	8.8	3
211	How molecular imaging will enable robotic precision surgery : The role of artificial intelligence, augmented reality, and navigation. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 4201-4224	8.8	6
210	A DROP-IN Gamma Probe for Robot-assisted Radioguided Surgery of Lymph Nodes During Radical Prostatectomy. <i>European Urology</i> , 2021 , 79, 124-132	10.2	23
209	Salvage Surgery in Patients with Local Recurrence After Radical Prostatectomy. <i>European Urology</i> , 2021 , 79, 537-544	10.2	9

208	Optical Navigation of the Drop-In Probe as a Means to Strengthen the Connection Between Robot-Assisted and Radioguided Surgery. <i>Journal of Nuclear Medicine</i> , 2021 , 62, 1314-1317	8.9	4
207	Interventional nuclear medicine: "click" chemistry as an targeting strategy for imaging microspheres and bacteria. <i>Biomaterials Science</i> , 2021 , 9, 1683-1690	7.4	5
206	Technologic (R)Evolution Leads to Detection of More Sentinel Nodes in Patients with Melanoma in the Head and Neck Region. <i>Journal of Nuclear Medicine</i> , 2021 , 62, 1357-1362	8.9	1
205	Diagnostic Value, Oncologic Outcomes, and Safety Profile of Image-Guided Surgery Technologies During Robot-Assisted Lymph Node Dissection with Sentinel Node Biopsy for Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2021 , 62, 1363-1371	8.9	10
204	Cyclodextrin/Adamantane-Mediated Targeting of Inoculated Bacteria in Mice. <i>Bioconjugate Chemistry</i> , 2021 , 32, 607-614	6.3	4
203	Reply to Christian Daniel Fankhauser, Arie Parnham, Vijay Sangar Letter to the Editor re: Paolo Dell'Uglio, Hielke M. de Vries, Elio Mazzone, et al. Hybrid Indocyanine Green-Tc-nanocolloid for Single-photon Emission Computed Tomography and Combined Radio- and Fluorescence-guided Sentinel Node Staging in Breast Cancer: Results of 740 Intraoperative Assessments to Single	10.2	
202	Advancing intraoperative magnetic tracing using 3D freehand magnetic particle imaging. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2021 , 1	3.9	1
201	Assessing the value of volume navigation during ultrasound-guided radiofrequency- and microwave-ablations of liver lesions. <i>European Journal of Radiology Open</i> , 2021 , 8, 100367	2.6	0
200	Multicompartment dendrimicelles with binary, ternary and quaternary core composition. <i>Nanoscale</i> , 2021 , 13, 15422-15430	7.7	4
199	The helminth glycoprotein omega-1 improves metabolic homeostasis in obese mice through type 2 immunity-independent inhibition of food intake. <i>FASEB Journal</i> , 2021 , 35, e21331	0.9	11
198	A Supramolecular Platform Technology for Bacterial Cell Surface Modification. <i>ACS Infectious Diseases</i> , 2020 , 6, 1734-1744	5.5	5
197	A controlled human <i>Schistosoma mansoni</i> infection model to advance novel drugs, vaccines and diagnostics. <i>Nature Medicine</i> , 2020 , 26, 326-332	50.5	38
196	Covalent monolayer patterns in Microfluidics by PLasma etching Open Technology - COMPLIT. <i>Analyst, The</i> , 2020 , 145, 1629-1635	5	3
195	Assembly, Disassembly and Reassembly of Complex Coacervate Core Micelles with Redox-Responsive Supramolecular Cross-Linkers. <i>ChemSystemsChem</i> , 2020 , 2, e1900032	3.1	2
194	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> , 2020 , 10, 92	3.6	13
193	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> , 2020 , 61, 234-241	8.9	29
192	Prostate-Specific Membrane Antigen-Guided Surgery. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 6-12	8.9	16
191	Can Intraoperative Fluorescence Imaging Identify All Lesions While the Road Map Created by Preoperative Nuclear Imaging Is Masked?. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 834-841	8.9	12

190	Trending: Radioactive and Fluorescent Bimodal/Hybrid Tracers as Multiplexing Solutions for Surgical Guidance. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 13-19	8.9	28
189	Image-Guided Surgery: Are We Getting the Most Out of Small-Molecule Prostate-Specific-Membrane-Antigen-Targeted Tracers?. <i>Bioconjugate Chemistry</i> , 2020 , 31, 375-395	6.3	23
188	Size and affinity kinetics of nanobodies influence targeting and penetration of solid tumours. <i>Journal of Controlled Release</i> , 2020 , 317, 34-42	11.7	63
187	Artificial intelligence and robotics: a combination that is changing the operating room. <i>World Journal of Urology</i> , 2020 , 38, 2359-2366	4	19
186	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> , 2020 , 78, 865-872	10.2	24
185	Near-infrared fluorescence imaging compared to standard sentinel lymph node detection with blue dye in patients with vulvar cancer - a randomized controlled trial. <i>Gynecologic Oncology</i> , 2020 , 159, 672-688	4.8	5
184	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> , 2020 , 45, 771-777	1.7	15
183	Minimally invasive evaluation of the clinically negative inguinal node in penile cancer: Dynamic sentinel node biopsy. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2020 ,	2.8	2
182	Evaluation of asymmetric orthogonal cyanine fluorophores. <i>Dyes and Pigments</i> , 2020 , 183, 108712	4.6	1
181	Head-to-head comparison of the hybrid tracer indocyanine green-99mTc-nanocolloid with 99mTc-Senti-Scint using sentinel node lymphoscintigraphy and single-photon emission computed tomography combined with computer tomography in melanoma. <i>Nuclear Medicine Communications</i> , 2020 , 41, 1010-1017	1.6	8
180	Fluorescence background quenching as a means to increase Signal to Background ratio - a proof of concept during Nerve Imaging. <i>Theranostics</i> , 2020 , 10, 9890-9898	12.1	6
179	Prostaatspecifiek membraanantigeengestuurde chirurgie voor prostaatkanker. <i>Tijdschrift Voor Urologie</i> , 2020 , 10, 124-130	0.2	0
178	Multi-Wavelength Fluorescence in Image-Guided Surgery, Clinical Feasibility and Future Perspectives. <i>Molecular Imaging</i> , 2020 , 19, 1536012120962333	3.7	16
177	Extending the Hybrid Surgical Guidance Concept With Freehand Fluorescence Tomography. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 226-235	11.7	12
176	Operational framework and training standard requirements for AI-empowered robotic surgery. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2020 , 16, 1-13	2.9	4
175	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> , 2020 , 61, 540-545	8.9	17
174	The safety of urologic robotic surgery depends on the skills of the surgeon. <i>World Journal of Urology</i> , 2020 , 38, 1373-1383	4	11
173	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> , 2020 , 38, 883-896	4	34

172	Click Chemistry in the Design and Production of Hybrid Tracers. <i>ACS Omega</i> , 2019 , 4, 12438-12448	3.9	7
171	On-Flow Immobilization of Polystyrene Microspheres on β -Cyclodextrin-Patterned Silica Surfaces through Supramolecular Host-Guest Interactions. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 36221-36231	9.5	2
170	Quantification of wild-type and radiation attenuated Plasmodium falciparum sporozoite motility in human skin. <i>Scientific Reports</i> , 2019 , 9, 13436	4.9	5
169	Fluorescent imaging of bacterial infections and recent advances made with multimodal radiopharmaceuticals. <i>Clinical and Translational Imaging</i> , 2019 , 7, 125-138	2	17
168	Covalently bound monolayer patterns obtained by plasma etching on glass surfaces. <i>Chemical Communications</i> , 2019 , 55, 7667-7670	5.8	2
167	A tracer-based method enables tracking of malaria parasites during human skin infection. <i>Theranostics</i> , 2019 , 9, 2768-2778	12.1	6
166	An update on radiotracer development for molecular imaging of bacterial infections. <i>Clinical and Translational Imaging</i> , 2019 , 7, 105-124	2	28
165	Regulation of Plasmodium sporozoite motility by formulation components. <i>Malaria Journal</i> , 2019 , 18, 155	3.6	2
164	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> , 2019 , 1074, 43-53	6.6	29
163	Multimodal Tracking of Controlled Infections in Mice. <i>ACS Infectious Diseases</i> , 2019 , 5, 1160-1168	5.5	5
162	Freehand-SPECT with ^{99m} Tc-HDP as tool to guide percutaneous biopsy of skeletal lesions detected on bone scintigraphy. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2019 , 38, 218-223	0.1	2
161	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>European Urology</i> , 2019 , 76, 517-522	10.2	43
160	Clinical use of an opto-nuclear probe for hybrid sentinel node biopsy guidance: first results. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019 , 14, 409-416	3.9	8
159	The value of periprostatic fascia thickness and fascia preservation as prognostic factors of erectile function after nerve-sparing robot-assisted radical prostatectomy. <i>World Journal of Urology</i> , 2019 , 37, 309-315	4	3
158	Robot-assisted laparoscopic surgery using DROP-IN radioguidance: first-in-human translation. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 46, 49-53	8.8	43
157	Anatomical localization of radiocolloid tracer deposition affects outcome of sentinel node procedures in prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 46, 2558-2568	8.8	6
156	Freehand-SPECT with Tc-HDP as tool to guide percutaneous biopsy of skeletal lesions detected on bone scintigraphy. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2019 , 38, 218-223	0.4	1
155	Recent advances in nuclear and hybrid detection modalities for image-guided surgery. <i>Expert Review of Medical Devices</i> , 2019 , 16, 711-734	3.5	43

154	Minimal-Invasive Robot-Assisted Image-Guided Resection of Prostate-Specific Membrane Antigen-Positive Lymph Nodes in Recurrent Prostate Cancer. <i>Clinical Nuclear Medicine</i> , 2019 , 44, 580-581 ^{1.7}	26
153	A prediction model relating the extent of intraoperative fascia preservation to erectile dysfunction after nerve-sparing robot-assisted radical prostatectomy. <i>Journal of Robotic Surgery</i> , 2019 , 13, 455-462 ^{2.9}	6
152	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> , 2019 , 46, 623-637	8.8 51
151	In vivo stability of supramolecular host-guest complexes monitored by dual-isotope multiplexing in a pre-targeting model of experimental liver radioembolization. <i>Journal of Controlled Release</i> , 2019 , 293, 126-134	11.7 11
150	Computational and experimental data on electrostatic density and stacking tendency of asymmetric cyanine 5 dyes. <i>Data in Brief</i> , 2019 , 22, 50-55	1.2 1
149	Technologies for image-guided surgery for managing lymphatic metastases in prostate cancer. <i>Nature Reviews Urology</i> , 2019 , 16, 159-171	5.5 34
148	Three-Dimensional Tumor Margin Demarcation Using the Hybrid Tracer Indocyanine Green-Tc-Nanocolloid: A Proof-of-Concept Study in Tongue Cancer Patients Scheduled for Sentinel Node Biopsy. <i>Journal of Nuclear Medicine</i> , 2019 , 60, 764-769	8.9 4
147	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> , 2019 , 60, 71-78	8.9 49
146	Technetium-based Prostate-specific Membrane Antigen-radioguided Surgery in Recurrent Prostate Cancer. <i>European Urology</i> , 2019 , 75, 659-666	10.2 107
145	From interventionist imaging to intraoperative guidance: New perspectives by combining advanced tools and navigation with radio-guided surgery. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2018 , 37, 28-40	0.1 1
144	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> , 2018 , 59, 986-992	8.9 25
143	The influence of systematic structure alterations on the photophysical properties and conjugation characteristics of asymmetric cyanine 5 dyes. <i>Dyes and Pigments</i> , 2018 , 152, 19-28	4.6 16
142	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> , 2018 , 199, 1061-1068	2.5 14
141	Computer-assisted surgery: virtual- and augmented-reality displays for navigation during urological interventions. <i>Current Opinion in Urology</i> , 2018 , 28, 205-213	2.8 44
140	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> , 2018 , 45, 1915-1925 ^{8.8}	87
139	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> , 2018 , 59, 204-209	8.9 15
138	A Supramolecular Approach for Liver Radioembolization. <i>Theranostics</i> , 2018 , 8, 2377-2386	12.1 15
137	Bioorthogonally Applicable Fluorescence Deactivation Strategy for Receptor Kinetics Study and Theranostic Pretargeting Approaches. <i>ChemBioChem</i> , 2018 , 19, 1758	3.8 6

136	Navigating surgical fluorescence cameras using near-infrared optical tracking. <i>Journal of Biomedical Optics</i> , 2018 , 23, 1-10	3.5	4
135	Entering the era of molecular-targeted precision surgery in recurrent prostate cancer. <i>Journal of Nuclear Medicine</i> , 2018 ,	8.9	7
134	From interventionist imaging to intraoperative guidance: New perspectives by combining advanced tools and navigation with radio-guided surgery. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2018 , 37, 28-40	0.4	1
133	Comprehensive Assessment of Indocyanine Green Usage: One Tracer, Multiple Urological Applications. <i>European Urology Focus</i> , 2018 , 4, 665-668	5.1	9
132	Early Induction of Human Regulatory Dermal Antigen Presenting Cells by Skin-Penetrating Cercariae. <i>Frontiers in Immunology</i> , 2018 , 9, 2510	8.4	14
131	Manipulating and monitoring nanoparticles in micellar thin film superstructures. <i>Nature Communications</i> , 2018 , 9, 5207	17.4	8
130	Nanoparticles reveal Extreme Size-Sorting and Morphologies in Complex Coacervate Superstructures. <i>Scientific Reports</i> , 2018 , 8, 13820	4.9	8
129	Translational molecular imaging in exocrine pancreatic cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018 , 45, 2442-2455	8.8	8
128	Multispectral-Fluorescence Imaging as a Tool to Separate Healthy from Disease-Related Lymphatic Anatomy During Robot-Assisted Laparoscopy. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 1757-1760	8.9	14
127	Multispectral Fluorescence Imaging During Robot-assisted Laparoscopic Sentinel Node Biopsy: A First Step Towards a Fluorescence-based Anatomic Roadmap. <i>European Urology</i> , 2017 , 72, 110-117	10.2	40
126	Obtaining control of cell surface functionalizations via Pre-targeting and Supramolecular host guest interactions. <i>Scientific Reports</i> , 2017 , 7, 39908	4.9	19
125	Sentinel node biopsy for prostate cancer: report from a consensus panel meeting. <i>BJU International</i> , 2017 , 120, 204-211	5.6	36
124	Phantom Study Investigating the Accuracy of Manual and Automatic Image Fusion with the GE Logiq E9: Implications for use in Percutaneous Liver Interventions. <i>CardioVascular and Interventional Radiology</i> , 2017 , 40, 914-923	2.7	6
123	Size-Sorting and Pattern Formation of Nanoparticle-Loaded Micellar Superstructures in Biconcave Thin Films. <i>ACS Nano</i> , 2017 , 11, 11225-11231	16.7	22
122	Hybrid Imaging Labels: Providing the Link Between Mass Spectrometry-Based Molecular Pathology and Theranostics. <i>Theranostics</i> , 2017 , 7, 624-633	12.1	10
121	Introducing navigation during melanoma-related sentinel lymph node procedures in the head-and-neck region. <i>EJNMMI Research</i> , 2017 , 7, 65	3.6	26
120	Generation of fluorescently labeled tracers - which features influence the translational potential?. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2017 , 2, 15	5.8	12
119	Dendrimer-encapsulated nanoparticle-core micelles as a modular strategy for particle-in-a-box-in-a-box nanostructures. <i>Nanoscale</i> , 2017 , 9, 18619-18623	7.7	20

118	Fluorescent CXCR4 targeting peptide as alternative for antibody staining in Ewing sarcoma. <i>BMC Cancer</i> , 2017 , 17, 383	4.8	4
117	Sentinel node biopsy and lymphatic mapping in penile and prostate cancer. <i>Der Urologe</i> , 2017 , 56, 13-17		7
116	Hybrid Surgical Guidance: Does Hardware Integration of EndoFluorescence Imaging Modalities Make Sense?. <i>Journal of Nuclear Medicine</i> , 2017 , 58, 646-650	8.9	20
115	Sentinel Node Procedure in Prostate Cancer: A Systematic Review to Assess Diagnostic Accuracy. <i>European Urology</i> , 2017 , 71, 596-605	10.2	67
114	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> , 2017 , 7, 138-147	12.7	12
113	Diffusion-weighted-preparation (D-prep) MRI as a future extension of SPECT/CT based surgical planning for sentinel node procedures in the head and neck area?. <i>Oral Oncology</i> , 2016 , 60, 48-54	4.4	9
112	Fluorescence guided surgery and tracer-dose, fact or fiction?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016 , 43, 1857-67	8.8	41
111	Toward (Hybrid) Navigation of a Fluorescence Camera in an Open Surgery Setting. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 1650-1653	8.9	29
110	Loading and release of fluorescent oligoarginine peptides into/from pH-responsive anionic supramolecular nanoparticles. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 4025-4032	7.3	6
109	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> , 2016 , 43, 1278-87	8.8	43
108	Hybrid surgical guidance based on the integration of radionuclear and optical technologies. <i>British Journal of Radiology</i> , 2016 , 89, 20150797	3.4	25
107	Surgical Navigation: An Overview of the State-of-the-Art Clinical Applications 2016 , 57-73		6
106	Tracers Applied in Radioguided Surgery 2016 , 75-101		6
105	First Robotic SPECT for Minimally Invasive Sentinel Lymph Node Mapping. <i>IEEE Transactions on Medical Imaging</i> , 2016 , 35, 830-8	11.7	26
104	Surgical Guidance in Prostate Cancer: "From Molecule to Man" Translations. <i>Clinical Cancer Research</i> , 2016 , 22, 1304-6	12.9	14
103	Revolutionizing (robot-assisted) laparoscopic gamma tracing using a drop-in gamma probe technology. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2016 , 6, 1-17	2.2	23
102	Receptor-Targeted Luminescent Silver Bionanoparticles. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 3030-3035	2.3	4
101	A pilot study of SPECT/CT-based mixed-reality navigation towards the sentinel node in patients with melanoma or Merkel cell carcinoma of a lower extremity. <i>Nuclear Medicine Communications</i> , 2016 , 37, 812-7	1.6	8

100	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> , 2016 , 11, 328-339	3.2	76
99	(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> , 2016 , 23, 2586-95	3.1	35
98	Hybrid radioguided occult lesion localization (hybrid ROLL) of (18)F-FDG-avid lesions using the hybrid tracer indocyanine green-(99m)Tc-nanocolloid. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2016 , 35, 292-7	0.4	5
97	Evaluation of a Fluorescent and Radiolabeled Hybrid Somatostatin Analog In Vitro and in Mice Bearing H69 Neuroendocrine Xenografts. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 1289-95	8.9	16
96	Tailoring Fluorescent Dyes To Optimize a Hybrid RGD-Tracer. <i>Bioconjugate Chemistry</i> , 2016 , 27, 1253-8	6.3	46
95	Synthesis and systematic evaluation of symmetric sulfonated centrally C C bonded cyanine near-infrared dyes for protein labelling. <i>Dyes and Pigments</i> , 2016 , 132, 7-19	4.6	32
94	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> , 2016 , 21, 86008	3.5	16
93	Hybrid radioguided occult lesion localization (hybrid ROLL) of 18 F-FDG-avid lesions using the hybrid tracer indocyanine green- 99m Tc-nanocolloid. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2016 , 35, 292-297	0.1	3
92	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> , 2015 , 42, 1639-1647	8.8	38
91	Luminescence-based Imaging Approaches in the Field of Interventional Molecular Imaging. <i>Radiology</i> , 2015 , 276, 12-29	20.5	66
90	Detection of colorectal polyps in humans using an intravenously administered fluorescent peptide targeted against c-Met. <i>Nature Medicine</i> , 2015 , 21, 955-61	50.5	191
89	MMP-2/9-Specific Activatable Lifetime Imaging Agent. <i>Sensors</i> , 2015 , 15, 11076-91	3.8	5
88	Biomarkers in preclinical cancer imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015 , 42, 579-96	8.8	23
87	Development of a Hybrid Tracer for SPECT and Optical Imaging of Bacterial Infections. <i>Bioconjugate Chemistry</i> , 2015 , 26, 839-49	6.3	45
86	Advances in sentinel node dissection in prostate cancer from a technical perspective. <i>International Journal of Urology</i> , 2015 , 22, 898-909	2.3	27
85	Orthogonal Functionalization of Ferritin via Supramolecular Re-Assembly. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 4603-4610	2.3	0
84	Sentinel Lymph Node Biopsy in Vulvar Cancer Using Combined Radioactive and Fluorescence Guidance. <i>International Journal of Gynecological Cancer</i> , 2015 , 25, 1086-93	3.5	55
83	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> , 2015 , 13, 114	8.5	15

82	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> , 2015 , 275, 521-9	20.5	90
81	uPAR-targeted multimodal tracer for pre- and intraoperative imaging in cancer surgery. <i>Oncotarget</i> , 2015 , 6, 14260-73	3.3	35
80	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> , 2015 , 5, 233-45	2.2	23
79	Optimisation of fluorescence guidance during robot-assisted laparoscopic sentinel node biopsy for prostate cancer. <i>European Urology</i> , 2014 , 66, 991-8	10.2	76
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