

Fijs Wb Van Leeuwen

List of Publications by Year in descending order

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239
papers

9,847
citations

31976

53
h-index

49909

87
g-index

251
all docs

251
docs citations

251
times ranked

10202
citing authors

#	ARTICLE	IF	CITATIONS
1	Potent activity of carfilzomib, a novel, irreversible inhibitor of the ubiquitin-proteasome pathway, against preclinical models of multiple myeloma. <i>Blood</i> , 2007, 110, 3281-3290.	1.4	669
2	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> , 2011, 60, 826-833.	1.9	295
3	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> , 2007, 104, 12117-12122.	7.1	279
4	Disease-Associated Prion Protein Oligomers Inhibit the 26S Proteasome. <i>Molecular Cell</i> , 2007, 26, 175-188.	9.7	237
5	Detection of colorectal polyps in humans using an intravenously administered fluorescent peptide targeted against c-Met. <i>Nature Medicine</i> , 2015, 21, 955-961.	30.7	231
6	Comparing the Hybrid Fluorescent ^{99m} Tc-Radioactive Tracer Indocyanine Green ^{99m} Tc-Nanocolloid with ^{99m} Tc-Nanocolloid for Sentinel Node Identification: A Validation Study Using Lymphoscintigraphy and SPECT/CT. <i>Journal of Nuclear Medicine</i> , 2012, 53, 1034-1040.	5.0	214
7	^{99m} Tc-based Prostate-specific Membrane Antigen ^{99m} Tc-radioguided Surgery in Recurrent Prostate Cancer. <i>European Urology</i> , 2019, 75, 659-666.	1.9	195
8	A Fluorescent Broad-Spectrum Proteasome Inhibitor for Labeling Proteasomes In Vitro and In Vivo. <i>Chemistry and Biology</i> , 2006, 13, 1217-1226.	6.0	168
9	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> , 2012, 39, 1128-1136.	6.4	151
10	A Hybrid Radioactive and Fluorescent Tracer for Sentinel Node Biopsy in Penile Carcinoma as a Potential Replacement for Blue Dye. <i>European Urology</i> , 2014, 65, 600-609.	1.9	135
11	<i>In vitro</i> toxicity studies of polymer-coated gold nanorods. <i>Nanotechnology</i> , 2010, 21, 145101.	2.6	134
12	Clinical trial of combined radio- and fluorescence-guided sentinel lymph node biopsy in breast cancer. <i>British Journal of Surgery</i> , 2013, 100, 1037-1044.	0.3	131
13	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.	6.4	131
14	Light Interactions with Gold Nanorods and Cells: Implications for Photothermal Nanotherapeutics. <i>Nano Letters</i> , 2011, 11, 1887-1894.	9.1	130
15	Irradiation induced modest changes in murine cardiac function despite progressive structural damage to the myocardium and microvasculature. <i>Radiotherapy and Oncology</i> , 2012, 103, 143-150.	0.6	121
16	Interaction of dioxygen with the electronic excited state of Ir(III) and Ru(II) complexes: Principles and biomedical applications. <i>Coordination Chemistry Reviews</i> , 2011, 255, 2542-2554.	18.8	117
17	Size and affinity kinetics of nanobodies influence targeting and penetration of solid tumours. <i>Journal of Controlled Release</i> , 2020, 317, 34-42.	9.9	115
18	Feasibility of Sentinel Node Biopsy in Head and Neck Melanoma Using a Hybrid Radioactive and Fluorescent Tracer. <i>Annals of Surgical Oncology</i> , 2012, 19, 1988-1994.	1.5	112

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19	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 ^{99mTc} -Nanocolloid. <i>Radiology</i> , 2015, 275, 521-529.	7.3	107
20	Multimodal Tumor-Targeting Peptides Functionalized with Both a Radio- and a Fluorescent Label. <i>Bioconjugate Chemistry</i> , 2010, 21, 1709-1719.	3.6	104
21	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.	0.8	100
22	Optimisation of Fluorescence Guidance During Robot-assisted Laparoscopic Sentinel Node Biopsy for Prostate Cancer. <i>European Urology</i> , 2014, 66, 991-998.	1.9	98
23	Sentinel Node Procedure in Prostate Cancer: A Systematic Review to Assess Diagnostic Accuracy. <i>European Urology</i> , 2017, 71, 596-605.	1.9	98
24	A controlled human <i>Schistosoma mansoni</i> infection model to advance novel drugs, vaccines and diagnostics. <i>Nature Medicine</i> , 2020, 26, 326-332.	30.7	97
25	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> , 2013, 40, 1283-1291.	6.4	89
26	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.	6.4	88
27	A self-assembled multimodal complex for combined pre- and intraoperative imaging of the sentinel lymph node. <i>Nanotechnology</i> , 2010, 21, 355101.	2.6	85
28	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, 517-523.	1.9	81
29	Luminescence-based Imaging Approaches in the Field of Interventional Molecular Imaging. <i>Radiology</i> , 2015, 276, 12-29.	7.3	79
30	Profiling Proteasome Activity in Tissue with Fluorescent Probes. <i>Molecular Pharmaceutics</i> , 2007, 4, 739-748.	4.6	78
31	Image navigation as a means to expand the boundaries of fluorescence-guided surgery. <i>Physics in Medicine and Biology</i> , 2012, 57, 3123-3136.	3.0	78
32	Targeted non-covalent self-assembled nanoparticles based on human serum albumin. <i>Biomaterials</i> , 2012, 33, 867-875.	11.4	77
33	Selective Self-Organization of Guest Molecules in Self-Assembled Molecular Boxes. <i>Journal of the American Chemical Society</i> , 2005, 127, 12697-12708.	13.7	76
34	Imaging agents for the chemokine receptor 4 (CXCR4). <i>Chemical Society Reviews</i> , 2012, 41, 5239.	38.1	76
35	Development and Prospects of Dedicated Tracers for the Molecular Imaging of Bacterial Infections. <i>Bioconjugate Chemistry</i> , 2013, 24, 1971-1989.	3.6	76
36	Multimodal surgical guidance towards the sentinel node in vulvar cancer. <i>Gynecologic Oncology</i> , 2013, 131, 720-725.	1.4	76

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37	Sentinel Lymph Node Biopsy in Vulvar Cancer Using Combined Radioactive and Fluorescence Guidance. <i>International Journal of Gynecological Cancer</i> , 2015, 25, 1086-1093.	2.5	76
38	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.	5.0	76
39	Fluorescence guidance in urologic surgery. <i>Current Opinion in Urology</i> , 2012, 22, 109-120.	1.8	74
40	Recent advances in nuclear and hybrid detection modalities for image-guided surgery. <i>Expert Review of Medical Devices</i> , 2019, 16, 711-734.	2.8	71
41	Selecting Potential Targetable Biomarkers for Imaging Purposes in Colorectal Cancer Using Target Selection Criteria (TASC): A Novel Target Identification Tool. <i>Translational Oncology</i> , 2011, 4, 71-82.	3.7	70
42	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> , 2011, 16, 016004.	2.6	70
43	Phosphorescence Imaging of Living Cells with Amino Acid-Functionalized Tris(2-phenylpyridine)iridium(III) Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 2105-2114.	4.0	70
44	Hybrid Indocyanine Green- ^{99m} 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.	1.9	67
45	Image-guided hepatopancreatobiliary surgery using near-infrared fluorescent light. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2012, 19, 626-637.	2.6	66
46	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.	6.4	65
47	Regulatory Strategies in the Complexation and Release of a Noncovalent Guest Trimer by a Self-Assembled Molecular Cage. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 5717-5722.	13.8	64
48	Photocontrolled Release and Uptake of a Porphyrin Guest by Dithienylethene-Tethered ² -Cyclodextrin Host Dimers. <i>Chemistry - A European Journal</i> , 2004, 10, 1114-1123.	3.3	62
49	Technologies for image-guided surgery for managing lymphatic metastases in prostate cancer. <i>Nature Reviews Urology</i> , 2019, 16, 159-171.	3.8	62
50	Trending: Radioactive and Fluorescent Bimodal/Hybrid Tracers as Multiplexing Solutions for Surgical Guidance. <i>Journal of Nuclear Medicine</i> , 2020, 61, 13-19.	5.0	62
51	Artificial intelligence and robotics: a combination that is changing the operating room. <i>World Journal of Urology</i> , 2020, 38, 2359-2366.	2.2	60
52	Synthesis and Evaluation of a Bimodal CXCR4 Antagonistic Peptide. <i>Bioconjugate Chemistry</i> , 2011, 22, 859-864.	3.6	59
53	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.	2.2	58
54	A DROP-IN Gamma Probe for Robot-assisted Radioguided Surgery of Lymph Nodes During Radical Prostatectomy. <i>European Urology</i> , 2021, 79, 124-132.	1.9	58

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55	Computer-assisted surgery. <i>Current Opinion in Urology</i> , 2018, 28, 205-213.	1.8	56
56	Tailoring Fluorescent Dyes To Optimize a Hybrid RGD-Tracer. <i>Bioconjugate Chemistry</i> , 2016, 27, 1253-1258.	3.6	53
57	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, 1278-1287.	6.4	53
58	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.	5.4	53
59	Relationship Between Intraprostatic Tracer Deposits and Sentinel Lymph Node Mapping in Prostate Cancer Patients. <i>Journal of Nuclear Medicine</i> , 2012, 53, 1026-1033.	5.0	52
60	Fluorescence guided surgery and tracer-dose, fact or fiction?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1857-1867.	6.4	52
61	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.	1.9	51
62	Sentinel node biopsy for prostate cancer: report from a consensus panel meeting. <i>BJU International</i> , 2017, 120, 204-211.	2.5	51
63	Sentinel Lymph Node Biopsy for Prostate Cancer: A Hybrid Approach. <i>Journal of Nuclear Medicine</i> , 2013, 54, 493-496.	5.0	49
64	Development of a Hybrid Tracer for SPECT and Optical Imaging of Bacterial Infections. <i>Bioconjugate Chemistry</i> , 2015, 26, 839-849.	3.6	49
65	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.	6.4	47
66	Hybrid Peptide Dendrimers for Imaging of Chemokine Receptor 4 (CXCR4) Expression. <i>Molecular Pharmaceutics</i> , 2011, 8, 2444-2453.	4.6	46
67	(Non-targeted) radioactive/fluorescent nanoparticles and their potential in combined pre- and intraoperative imaging during sentinel lymph node resection. <i>Nanotechnology</i> , 2010, 21, 482001.	2.6	45
68	(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, 2586-2595.	1.5	45
69	An update on radiotracer development for molecular imaging of bacterial infections. <i>Clinical and Translational Imaging</i> , 2019, 7, 105-124.	2.1	44
70	Peptide-Functionalized Luminescent Iridium Complexes for Lifetime Imaging of CXCR4 Expression. <i>ChemBioChem</i> , 2011, 12, 1897-1903.	2.6	43
71	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> , 2014, 192, 1810-1816.	0.4	43
72	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.	5.0	42

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73	uPAR-targeted multimodal tracer for pre- and intraoperative imaging in cancer surgery. <i>Oncotarget</i> , 2015, 6, 14260-14273.	1.8	42
74	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.	1.3	41
75	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.	5.0	40
76	Selective $^{226}\text{Ra}^{2+}$ Ionophores Provided by Self-Assembly of Guanosine and Isoguanosine Derivatives. <i>Journal of the American Chemical Society</i> , 2004, 126, 16575-16581.	13.7	38
77	Dual-emissive quantum dots for multispectral intraoperative fluorescence imaging. <i>Biomaterials</i> , 2010, 31, 6823-6832.	11.4	38
78	Advances in sentinel node dissection in prostate cancer from a technical perspective. <i>International Journal of Urology</i> , 2015, 22, 898-909.	1.0	38
79	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.	3.6	38
80	Radium-223 Chloride: Extending Life in Prostate Cancer Patients by Treating Bone Metastases. <i>Clinical Cancer Research</i> , 2013, 19, 5822-5827.	7.0	37
81	Toward (Hybrid) Navigation of a Fluorescence Camera in an Open Surgery Setting. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1650-1653.	5.0	37
82	Robot-assisted Prostate-specific Membrane Antigen-radioguided Salvage Surgery in Recurrent Prostate Cancer Using a DROP-IN Gamma Probe: The First Prospective Feasibility Study. <i>European Urology</i> , 2022, 82, 97-105.	1.9	37
83	Multiple ionic interactions for noncovalent synthesis of molecular capsules in polar solvents. <i>New Journal of Chemistry</i> , 2005, 29, 243.	2.8	36
84	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.	3.7	36
85	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.	5.0	36
86	Current Perspectives in the Use of Molecular Imaging To Target Surgical Treatments for Genitourinary Cancers. <i>European Urology</i> , 2014, 65, 947-964.	1.9	34
87	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.	5.0	34
88	Synthesis and Conformational Evaluation of p-tert-Butylthiacalix[4]arene-crowns. <i>Journal of Organic Chemistry</i> , 2004, 69, 3928-3936.	3.2	33
89	Multimodal Interventional Molecular Imaging of Tumor Margins and Distant Metastases by Targeting $\alpha_5\beta_1$ Integrin. <i>ChemBioChem</i> , 2012, 13, 1039-1045.	2.6	33
90	Hybrid surgical guidance based on the integration of radionuclear and optical technologies. <i>British Journal of Radiology</i> , 2016, 89, 20150797.	2.2	33

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91	First Robotic SPECT for Minimally Invasive Sentinel Lymph Node Mapping. <i>IEEE Transactions on Medical Imaging</i> , 2016, 35, 830-838.	8.9	33
92	Early Induction of Human Regulatory Dermal Antigen Presenting Cells by Skin-Penetrating <i>Schistosoma Mansoni</i> Cercariae. <i>Frontiers in Immunology</i> , 2018, 9, 2510.	4.8	33
93	Sentinel Node Imaging and Radioguided Surgery in the Era of SPECT/CT and PET/CT. <i>Clinical Nuclear Medicine</i> , 2020, 45, 771-777.	1.3	33
94	Dendritic Ruthenium(II)-Based Dyes Tuneable for Diagnostic or Therapeutic Applications. <i>Chemistry - A European Journal</i> , 2011, 17, 464-467.	3.3	32
95	Multi-Wavelength Fluorescence in Image-Guided Surgery, Clinical Feasibility and Future Perspectives. <i>Molecular Imaging</i> , 2020, 19, 153601212096233.	1.4	32
96	How molecular imaging will enable robotic precision surgery. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 4201-4224.	6.4	32
97	A DROP-IN beta probe for robot-assisted 68Ga-PSMA radioguided surgery: first ex vivo technology evaluation using prostate cancer specimens. <i>EJNMMI Research</i> , 2020, 10, 92.	2.5	32
98	Prostate-Specific Membrane Antigen-Guided Surgery. <i>Journal of Nuclear Medicine</i> , 2020, 61, 6-12.	5.0	31
99	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.	1.0	31
100	Enhanced luminescence of Ag nanoclusters via surface modification. <i>Nanotechnology</i> , 2013, 24, 075703.	2.6	30
101	Introducing navigation during melanoma-related sentinel lymph node procedures in the head-and-neck region. <i>EJNMMI Research</i> , 2017, 7, 65.	2.5	30
102	Self-Assembled Ionophores from Isoguanosine: Diffusion NMR Spectroscopy Clarifies Cation's and Anion's Influence on Supramolecular Structure. <i>Chemistry - A European Journal</i> , 2007, 13, 1969-1977.	3.3	27
103	Biomarkers in preclinical cancer imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 579-596.	6.4	27
104	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, 672-680.	1.4	26
105	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.	5.0	25
106	Extending the Hybrid Surgical Guidance Concept With Freehand Fluorescence Tomography. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 226-235.	8.9	25
107	Obtaining control of cell surface functionalizations via Pre-targeting and Supramolecular host guest interactions. <i>Scientific Reports</i> , 2017, 7, 39908.	3.3	24
108	Hybrid Surgical Guidance: Does Hardware Integration of ^{131}I - and Fluorescence Imaging Modalities Make Sense?. <i>Journal of Nuclear Medicine</i> , 2017, 58, 646-650.	5.0	24

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109	A Supramolecular Approach for Liver Radioembolization. <i>Theranostics</i> , 2018, 8, 2377-2386.	10.0	24
110	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.	5.0	24
111	Cation control on the synthesis of p-t-butylthiacalix[4](bis)crown ethers. <i>Tetrahedron Letters</i> , 2002, 43, 9675-9678.	1.4	23
112	Ionizable (Thia)calix[4]crowns as Highly Selective $^{226}\text{Ra}^{2+}$ Ionophores. <i>Analytical Chemistry</i> , 2005, 77, 4611-4617.	6.5	23
113	Size-Sorting and Pattern Formation of Nanoparticle-Loaded Micellar Superstructures in Biconcave Thin Films. <i>ACS Nano</i> , 2017, 11, 11225-11231.	14.6	23
114	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.	3.7	23
115	The safety of urologic robotic surgery depends on the skills of the surgeon. <i>World Journal of Urology</i> , 2020, 38, 1373-1383.	2.2	23
116	Salvage Surgery in Patients with Local Recurrence After Radical Prostatectomy. <i>European Urology</i> , 2021, 79, 537-544.	1.9	23
117	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.	6.4	23
118	Non-invasive longitudinal imaging of tumor progression using an ^{111}In labeled CXCR4 peptide antagonist. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 2, 99-109.	1.0	23
119	The next evolution in radioguided surgery: breast cancer related sentinel node localization using a freehand SPECT-mobile gamma camera combination. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 5, 233-45.	1.0	23
120	Fluorescent radiocolloids: are hybrid tracers the future for lymphatic mapping?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 1627-1630.	6.4	22
121	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.	5.6	22
122	Fluorescent imaging of bacterial infections and recent advances made with multimodal radiopharmaceuticals. <i>Clinical and Translational Imaging</i> , 2019, 7, 125-138.	2.1	22
123	Multi-wavelength fluorescence imaging with a da Vinci Firefly™ a technical look behind the scenes. <i>Journal of Robotic Surgery</i> , 2020, 15, 751-760.	1.8	22
124	Selective extraction of naturally occurring radioactive Ra^{2+} . <i>Chemical Society Reviews</i> , 2005, 34, 753.	38.1	21
125	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.	5.0	21
126	Multispectral visualization of surgical safety-margins using fluorescent marker seeds. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 2, 151-62.	1.0	21

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127	Tumor bracketing and safety margin estimation using multimodal marker seeds: a proof of concept. <i>Journal of Biomedical Optics</i> , 2010, 15, 056021.	2.6	20
128	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, 1289-1295.	5.0	20
129	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.	0.5	20
130	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> , 2013, 8, e48324.	2.5	20
131	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> , 2009, 36, 406-412.	6.4	19
132	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, 086008.	2.6	19
133	Quantification of wild-type and radiation attenuated Plasmodium falciparum sporozoite motility in human skin. <i>Scientific Reports</i> , 2019, 9, 13436.	3.3	19
134	c-MET Receptor-Targeted Fluorescence on the Road to Image-Guided Surgery in Penile Squamous Cell Carcinoma Patients. <i>Journal of Nuclear Medicine</i> , 2022, 63, 51-56.	5.0	19
135	Validation of intratracheal instillation of lung tumour cells in mice using single photon emission computed tomography/computed tomography imaging. <i>Laboratory Animals</i> , 2010, 44, 40-45.	1.0	18
136	Immunohistochemical Detection of the CXCR4 Expression in Tumor Tissue Using the Fluorescent Peptide Antagonist Ac-TZ14011-FITC. <i>Translational Oncology</i> , 2011, 4, 234-IN3.	3.7	18
137	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> , 2013, 32, 227-233.	0.2	18
138	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> , 2014, 33, 274-279.	0.0	18
139	Surgical Guidance in Prostate Cancer: From Molecule to Man-Translations. <i>Clinical Cancer Research</i> , 2016, 22, 1304-1306.	7.0	18
140	Valor añadido del trazador híbrido verde de indocianina-99mTc-nanocoloide para la biopsia del ganglio centinela en una serie de pacientes con drenaje en diferentes territorios anatómicos. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2013, 32, 227-233.	0.0	17
141	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.	4.4	17
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