Mick M Welling

List of Publications by Year
in descending order

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215 papers	9,237 citations	31976 53 h-index	54911 84 g-index
219 all docs	219 docs citations	219 times ranked	8434 citing authors

#	Article	IF	Citations
1	Quantifying the Impact of Signal-to-background Ratios on Surgical Discrimination of Fluorescent Lesions. Molecular Imaging and Biology, 2023, 25, 180-189.	2.6	17
2	Advancing intraoperative magnetic tracing using 3D freehand magnetic particle imaging. International Journal of Computer Assisted Radiology and Surgery, 2022, 17, 211-218.	2.8	17
3	Oligometastases: the art of providing metastases-directed therapy in prostate cancer. Nature Reviews Urology, 2022, 19, 259-260.	3.8	2
4	Robot-assisted Prostate-specific Membrane Antigenâ€“radioguided Salvage Surgery in Recurrent Prostate Cancer Using a DROP-IN Gamma Probe: The First Prospective Feasibility Study. European Urology, 2022, 82, 97-105.	1.9	37
5	Feasibility of fluorescence imaging at microdosing using a hybrid PSMA tracer during robot-assisted radical prostatectomy in a large animal model. EJNMMI Research, 2022, 12, 14.	2.5	2
6	Click-on fluorescence detectors: using robotic surgical instruments to characterize molecular tissue aspects. Journal of Robotic Surgery, 2022, , 1.	1.8	2
7	A DROP-IN Gamma Probe for Robot-assisted Radioguided Surgery of Lymph Nodes During Radical Prostatectomy. European Urology, 2021, 79, 124-132.	1.9	58
8	Salvage Surgery in Patients with Local Recurrence After Radical Prostatectomy. European Urology, 2021, 79, 537-544.	1.9	23
9	Optical Navigation of the Drop-In Î³-Probe as a Means to Strengthen the Connection Between Robot-Assisted and Radioguided Surgery. Journal of Nuclear Medicine, 2021, 62, 1314-1317.	5.0	11
10	Interventional nuclear medicine: â€œclickâ€•chemistry as an in vivo targeting strategy for imaging microspheres and bacteria. Biomaterials Science, 2021, 9, 1683-1690.	5.4	9
11	Technologic (R)Evolution Leads to Detection of More Sentinel Nodes in Patients with Melanoma in the Head and Neck Region. Journal of Nuclear Medicine, 2021, 62, 1357-1362.	5.0	6
12	Cyclodextrin/Adamantane-Mediated Targeting of Inoculated Bacteria in Mice. Bioconjugate Chemistry, 2021, 32, 607-614.	3.6	14
13	The Design and Preclinical Evaluation of a Single-Label Bimodal Nanobody Tracer for Image-Guided Surgery. Biomolecules, 2021, 11, 360.	4.0	8
14	Reply to Christian Daniel Fankhauser, Arie Parnham, Vijay Sangarâ€™s Letter to the Editor re: Paolo Dellâ€™Oglio, Hielke M. de Vries, Elio Mazzone, et al. Hybrid Indocyanine Greenâ€“99mTc-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. Eur Urol 2020;78:865â€“72. European Urology, 2021, 79, e74-e75.	1.9	0
15	EANM position paper on the role of radiobiology in nuclear medicine. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 3365-3377.	6.4	23
16	Intraoperative visualization of nerves using a myelin protein-zero specific fluorescent tracer. EJNMMI Research, 2021, 11, 50.	2.5	5
17	Translation of c-Met Targeted Image-Guided Surgery Solutions in Oral Cavity Cancerâ€”Initial Proof of Concept Data. Cancers, 2021, 13, 2674.	3.7	8
18	The Click-On gamma probe, a second-generation tethered robotic gamma probe that improves dexterity and surgical decision-making. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 4142-4151.	6.4	14

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19	How molecular imaging will enable robotic precision surgery. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 4201-4224.	6.4	32
20	EANM recommendations based on systematic analysis of small animal radionuclide imaging in inflammatory musculoskeletal diseases. EJNMMI Research, 2021, 11, 85.	2.5	6
21	Assessing the value of volume navigation during ultrasound-guided radiofrequency- and microwave-ablations of liver lesions. European Journal of Radiology Open, 2021, 8, 100367.	1.6	3
22	Multicompartment dendrimicelles with binary, ternary and quaternary core composition. Nanoscale, 2021, 13, 15422-15430.	5.6	5
23	The helminth glycoprotein omegaâ€1 improves metabolic homeostasis in obese mice through type 2 immunityâ€independent inhibition of food intake. FASEB Journal, 2021, 35, e21331.	0.5	20
24	Pre-clinical development of fluorescent tracers and translation towards clinical application. , 2021, , .		0
25	Introducing Fluorescence-Guided Surgery for Pediatric Ewing, Osteo-, and Rhabdomyosarcomas: A Literature Review. Biomedicines, 2021, 9, 1388.	3.2	14
26	Editorial: State-Of-The-Art Fluorescence Image-Guided Surgery: Current and Future Developments. Frontiers in Oncology, 2021, 11, 776832.	2.8	5
27	Extending the Hybrid Surgical Guidance Concept With Freehand Fluorescence Tomography. IEEE Transactions on Medical Imaging, 2020, 39, 226-235.	8.9	25
28	Operational framework and training standard requirements for Alâ€empowered robotic surgery. International Journal of Medical Robotics and Computer Assisted Surgery, 2020, 16, 1-13.	2.3	11
29	Hybrid Tracers Based on Cyanine Backbones Targeting Prostate-Specific Membrane Antigen: Tuning Pharmacokinetic Properties and Exploring Dyeâ€“Protein Interaction. Journal of Nuclear Medicine, 2020, 61, 234-241.	5.0	42
30	Prostate-Specific Membrane Antigenâ€“Guided Surgery. Journal of Nuclear Medicine, 2020, 61, 6-12.	5.0	31
31	Can Intraoperative Fluorescence Imaging Identify All Lesions While the Road Map Created by Preoperative Nuclear Imaging Is Masked?. Journal of Nuclear Medicine, 2020, 61, 834-841.	5.0	24
32	Trending: Radioactive and Fluorescent Bimodal/Hybrid Tracers as Multiplexing Solutions for Surgical Guidance. Journal of Nuclear Medicine, 2020, 61, 13-19.	5.0	62
33	Image-Guided Surgery: Are We Getting the Most Out of Small-Molecule Prostate-Specific-Membrane-Antigen-Targeted Tracers?. Bioconjugate Chemistry, 2020, 31, 375-395.	3.6	38
34	Size and affinity kinetics of nanobodies influence targeting and penetration of solid tumours. Journal of Controlled Release, 2020, 317, 34-42.	9.9	115
35	Hybrid Indocyanine Greenâ€“99mTc-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. European Urology, 2020, 78, 865-872.	1.9	67
36	Near-infrared fluorescence imaging compared to standard sentinel lymph node detection with blue dye in patients with vulvar cancer â€“ a randomized controlled trial. Gynecologic Oncology, 2020, 159, 672-680.	1.4	26

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37	Multi-wavelength fluorescence imaging with a da Vinci Fireflyâ€”a technical look behind the scenes. Journal of Robotic Surgery, 2020, 15, 751-760.	1.8	22
38	Evaluation of asymmetric orthogonal cyanine fluorophores. Dyes and Pigments, 2020, 183, 108712.	3.7	3
39	Fluorescence background quenching as a means to increase Signal to Background ratio - a proof of concept during Nerve Imaging. Theranostics, 2020, 10, 9890-9898.	10.0	10
40	Multi-Wavelength Fluorescence in Image-Guided Surgery, Clinical Feasibility and Future Perspectives. Molecular Imaging, 2020, 19, 153601212096233.	1.4	32
41	A Supramolecular Platform Technology for Bacterial Cell Surface Modification. ACS Infectious Diseases, 2020, 6, 1734-1744.	3.8	7
42	A controlled human Schistosoma mansoni infection model to advance novel drugs, vaccines and diagnostics. Nature Medicine, 2020, 26, 326-332.	30.7	97
43	COvalent monolayer patterns in Microfluidics by PLasma etching Open Technology â€“ COMPLOT. Analyst, The, 2020, 145, 1629-1635.	3.5	3
44	Assembly, Disassembly and Reassembly of Complex Coacervate Core Micelles with Redoxâ€Responsive Supramolecular Crossâ€Linkers. ChemSystemsChem, 2020, 2, e1900032.	2.6	4
45	A DROP-IN beta probe for robot-assisted 68Ga-PSMA radioguided surgery: first ex vivo technology evaluation using prostate cancer specimens. EJNMMI Research, 2020, 10, 92.	2.5	32
46	The value of periprostatic fascia thickness and fascia preservation as prognostic factors of erectile function after nerve-sparing robot-assisted radical prostatectomy. World Journal of Urology, 2019, 37, 309-315.	2.2	5
47	Robot-assisted laparoscopic surgery using DROP-IN radioguidance: first-in-human translation. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 49-53.	6.4	65
48	Recent advances in nuclear and hybrid detection modalities for image-guided surgery. Expert Review of Medical Devices, 2019, 16, 711-734.	2.8	71
49	Click Chemistry in the Design and Production of Hybrid Tracers. ACS Omega, 2019, 4, 12438-12448.	3.5	10
50	On-Flow Immobilization of Polystyrene Microspheres on Î²-Cyclodextrin-Patterned Silica Surfaces through Supramolecular Hostâ€“Guest Interactions. ACS Applied Materials & Interfaces, 2019, 11, 36221-36231.	8.0	2
51	Quantification of wild-type and radiation attenuated Plasmodium falciparum sporozoite motility in human skin. Scientific Reports, 2019, 9, 13436.	3.3	19
52	Fluorescent imaging of bacterial infections and recent advances made with multimodal radiopharmaceuticals. Clinical and Translational Imaging, 2019, 7, 125-138.	2.1	22
53	Covalently bound monolayer patterns obtained by plasma etching on glass surfaces. Chemical Communications, 2019, 55, 7667-7670.	4.1	5
54	A tracer-based method enables tracking of Plasmodium falciparum malaria parasites during human skin infection. Theranostics, 2019, 9, 2768-2778.	10.0	9

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55	An update on radiotracer development for molecular imaging of bacterial infections. Clinical and Translational Imaging, 2019, 7, 105-124.	2.1	44
56	Regulation of Plasmodium sporozoite motility by formulation components. Malaria Journal, 2019, 18, 155.	2.3	10
57	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. Analytica Chimica Acta, 2019, 1074, 43-53.	5.4	53
58	Multimodal Tracking of Controlled Staphylococcus aureus Infections in Mice. ACS Infectious Diseases, 2019, 5, 1160-1168.	3.8	13
59	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. European Urology, 2019, 76, 517-523.	1.9	81
60	Minimal-Invasive Robot-Assisted Image-Guided Resection of Prostate-Specific Membrane Antigenâ€“Positive Lymph Nodes in Recurrent Prostate Cancer. Clinical Nuclear Medicine, 2019, 44, 580-581.	1.3	41
61	Entering the Era of Molecularly Targeted Precision Surgery in Recurrent Prostate Cancer. Journal of Nuclear Medicine, 2019, 60, 156-157.	5.0	7
62	In vivo stability of supramolecular hostâ€“guest complexes monitored by dual-isotope multiplexing in a pre-targeting model of experimental liver radioembolization. Journal of Controlled Release, 2019, 293, 126-134.	9.9	17
63	Technologies for image-guided surgery for managing lymphatic metastases in prostate cancer. Nature Reviews Urology, 2019, 16, 159-171.	3.8	62
64	Three-Dimensional Tumor Margin Demarcation Using the Hybrid Tracer Indocyanine Green-99mTc-Nanocolloid: A Proof-of-Concept Study in Tongue Cancer Patients Scheduled for Sentinel Node Biopsy. Journal of Nuclear Medicine, 2019, 60, 764-769.	5.0	8
65	Synthesis and Preclinical Characterization of the PSMA-Targeted Hybrid Tracer PSMA-I&F for Nuclear and Fluorescence Imaging of Prostate Cancer. Journal of Nuclear Medicine, 2019, 60, 71-78.	5.0	76
66	99mTechnetium-based Prostate-specific Membrane Antigenâ€“radioguided Surgery in Recurrent Prostate Cancer. European Urology, 2019, 75, 659-666.	1.9	195
67	Multi-modal radioactive and fluorescent tracking of Staphylococcus aureus infections in mice (Conference Presentation). , 2019, , .		0
68	Tracers for Fluorescence-Guided Surgery: How Elongation of the Polymethine Chain in Cyanine Dyes Alters the Pharmacokinetics of a Dual-Modality c[RGDyK] Tracer. Journal of Nuclear Medicine, 2018, 59, 986-992.	5.0	34
69	Navigation of Fluorescence Cameras during Soft Tissue Surgeryâ€”Is it Possible to Use a Single Navigation Setup for Various Open and Laparoscopic Urological Surgery Applications?. Journal of Urology, 2018, 199, 1061-1068.	0.4	17
70	Computer-assisted surgery. Current Opinion in Urology, 2018, 28, 205-213.	1.8	56
71	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. Journal of Nuclear Medicine, 2018, 59, 204-209.	5.0	25
72	Early Induction of Human Regulatory Dermal Antigen Presenting Cells by Skin-Penetrating Schistosoma Mansoni Cercariae. Frontiers in Immunology, 2018, 9, 2510.	4.8	33

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73	Manipulating and monitoring nanoparticles in micellar thin film superstructures. Nature Communications, 2018, 9, 5207.	12.8	9
74	Nanoparticles reveal Extreme Size-Sorting and Morphologies in Complex Coacervate Superstructures. Scientific Reports, 2018, 8, 13820.	3.3	9
75	Translational molecular imaging in exocrine pancreatic cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 2442-2455.	6.4	17
76	Multispectral-Fluorescence Imaging as a Tool to Separate Healthy from Disease-Related Lymphatic Anatomy During Robot-Assisted Laparoscopy. Journal of Nuclear Medicine, 2018, 59, 1757-1760.	5.0	21
77	A Supramolecular Approach for Liver Radioembolization. Theranostics, 2018, 8, 2377-2386.	10.0	24
78	Bioorthogonally Applicable Fluorescence Deactivation Strategy for Receptor Kinetics Study and Theranostic Pretargeting Approaches. ChemBioChem, 2018, 19, 1758-1765.	2.6	8
79	Navigating surgical fluorescence cameras using near-infrared optical tracking. Journal of Biomedical Optics, 2018, 23, 1.	2.6	7
80	Structure-Activity Relationship Study of Synthetic Variants Derived from the Highly Potent Human Antimicrobial Peptide hLF(1-11). Cohesive Journal of Microbiology & Infectious Disease, 2018, 1, .	0.1	6
81	Multispectral Fluorescence Imaging During Robot-assisted Laparoscopic Sentinel Node Biopsy: A First Step Towards a Fluorescence-based Anatomic Roadmap. European Urology, 2017, 72, 110-117.	1.9	51
82	Obtaining control of cell surface functionalizations via Pre-targeting and Supramolecular host guest interactions. Scientific Reports, 2017, 7, 39908.	3.3	24
83	Phantom Study Investigating the Accuracy of Manual and Automatic Image Fusion with the GE Logiq E9: Implications for use in Percutaneous Liver Interventions. CardioVascular and Interventional Radiology, 2017, 40, 914-923.	2.0	8
84	Size-Sorting and Pattern Formation of Nanoparticle-Loaded Micellar Superstructures in Biconcave Thin Films. ACS Nano, 2017, 11, 11225-11231.	14.6	23
85	Sentinel Node Procedure in Prostate Cancer: A Systematic Review to Assess Diagnostic Accuracy. European Urology, 2017, 71, 596-605.	1.9	98
86	Hybrid Imaging Labels: Providing the Link Between Mass Spectrometry-Based Molecular Pathology and Theranostics. Theranostics, 2017, 7, 624-633.	10.0	12
87	Introducing navigation during melanoma-related sentinel lymph node procedures in the head-and-neck region. EJNMMI Research, 2017, 7, 65.	2.5	30
88	Generation of fluorescently labeled tracers â€“ which features influence the translational potential?. EJNMMI Radiopharmacy and Chemistry, 2017, 2, 15.	3.9	15
89	Receptor-Targeted Luminescent Silver Bionanoparticles. European Journal of Inorganic Chemistry, 2016, 2016, 3030-3035.	2.0	4
90	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. Nuclear Medicine Communications, 2016, 37, 812-817.	1.1	10

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91	Sortase Aâ€mediated siteâ€specific labeling of camelid singleâ€domain antibodyâ€fragments: a versatile strategy for multiple molecular imaging modalities. Contrast Media and Molecular Imaging, 2016, 11, 328-339.	0.8	100
92	(Near-Infrared) Fluorescence-Guided Surgery Under Ambient Light Conditions: A Next Step to Embedment of the Technology in Clinical Routine. Annals of Surgical Oncology, 2016, 23, 2586-2595.	1.5	45
93	Evaluation of a Fluorescent and Radiolabeled Hybrid Somatostatin Analog In Vitro and in Mice Bearing H69 Neuroendocrine Xenografts. Journal of Nuclear Medicine, 2016, 57, 1289-1295.	5.0	20
94	Bis-pyridylethenyl benzene as novel backbone for amyloid-Î² binding compounds. Bioorganic and Medicinal Chemistry, 2016, 24, 6139-6148.	3.0	5
95	Tailoring Fluorescent Dyes To Optimize a Hybrid RGD-Tracer. Bioconjugate Chemistry, 2016, 27, 1253-1258.	3.6	53
96	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?. Oral Oncology, 2016, 60, 48-54.	1.5	11
97	Fluorescence guided surgery and tracer-dose, fact or fiction?. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 1857-1867.	6.4	52
98	Toward (Hybrid) Navigation of a Fluorescence Camera in an Open Surgery Setting. Journal of Nuclear Medicine, 2016, 57, 1650-1653.	5.0	37
99	Multimodal hybrid imaging agents for sentinel node mapping as a means to (re)connect nuclear medicine to advances made in robot-assisted surgery. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 1278-1287.	6.4	53
100	Hybrid surgical guidance based on the integration of radionuclear and optical technologies. British Journal of Radiology, 2016, 89, 20150797.	2.2	33
101	Surgical Navigation: An Overview of the State-of-the-Art Clinical Applications. , 2016, , 57-73.		10
102	Tracers Applied in Radioguided Surgery. , 2016, , 75-101.		10
103	First Robotic SPECT for Minimally Invasive Sentinel Lymph Node Mapping. IEEE Transactions on Medical Imaging, 2016, 35, 830-838.	8.9	33
104	Surgical Guidance in Prostate Cancer: â€œFrom Molecule to Manâ€•Translations. Clinical Cancer Research, 2016, 22, 1304-1306.	7.0	18
105	Current Opportunities and Challenges of Next Generation Sequencing (NGS) of DNA; Determining Health and Diseases. British Biotechnology Journal, 2016, 13, 1-17.	0.4	4
106	Revolutionizing (robot-assisted) laparoscopic gamma tracing using a drop-in gamma probe technology. American Journal of Nuclear Medicine and Molecular Imaging, 2016, 6, 1-17.	1.0	31
107	Orthogonal Functionalization of Ferritin via Supramolecular Reâ€Assembly. European Journal of Inorganic Chemistry, 2015, 2015, 4603-4610.	2.0	1
108	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 Greenâ€“‹sup›99m‹/sup›Tc-Nanocolloid. Radiology, 2015, 275, 521-529.	7.3	107

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109	Enhanced glutathione PEGylated liposomal brain delivery of an anti-amyloid single domain antibody fragment in a mouse model for Alzheimer's disease. Journal of Controlled Release, 2015, 203, 40-50.	9.9	114
110	First-in-human evaluation of a hybrid modality that allows combined radio- and (near-infrared) fluorescence tracing during surgery. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 1639-1647.	6.4	47
111	Luminescence-based Imaging Approaches in the Field of Interventional Molecular Imaging. Radiology, 2015, 276, 12-29.	7.3	79
112	Detection of colorectal polyps in humans using an intravenously administered fluorescent peptide targeted against c-Met. Nature Medicine, 2015, 21, 955-961.	30.7	231
113	MMP-2/9-Specific Activatable Lifetime Imaging Agent. Sensors, 2015, 15, 11076-11091.	3.8	6
114	Biomarkers in preclinical cancer imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 579-596.	6.4	27
115	Fusion of hIgG1-Fc to 111In-anti-amyloid single domain antibody fragment VHH-pa2H prolongs blood residential time in APP/PS1 mice but does not increase brain uptake. Nuclear Medicine and Biology, 2015, 42, 695-702.	0.6	47
116	Development of a Hybrid Tracer for SPECT and Optical Imaging of Bacterial Infections. Bioconjugate Chemistry, 2015, 26, 839-849.	3.6	49
117	Fluorescent radiocolloids: are hybrid tracers the future for lymphatic mapping?. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 1627-1630.	6.4	22
118	Potential role of antimicrobial peptides in the early onset of Alzheimer's disease. Alzheimer's and Dementia, 2015, 11, 51-57.	0.8	58
119	uPAR-targeted multimodal tracer for pre- and intraoperative imaging in cancer surgery. Oncotarget, 2015, 6, 14260-14273.	1.8	42
120	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. Journal of Urology, 2014, 192, 1810-1816.	0.4	43
121	Molecular imaging: the emerging role of optical imaging in nuclear medicine. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 2150-2153.	6.4	15
122	Reply from Authors re: Francesco Montorsi, Giorgio Gandaglia. Sentinel Node Biopsy for Prostate Cancer: A Useless Surgical Exercise? Eur Urol 2014;66:999â€“1000. European Urology, 2014, 66, 1000-1001.	1.9	2
123	Optimisation of Fluorescence Guidance During Robot-assisted Laparoscopic Sentinel Node Biopsy for Prostate Cancer. European Urology, 2014, 66, 991-998.	1.9	98
124	Fluorescence Guidance During Radical Prostatectomy. European Urology, 2014, 65, 1169-1170.	1.9	6
125	An activatable, polarity dependent, dual-luminescent imaging agent with a long luminescence lifetime. Chemical Communications, 2014, 50, 9733-9736.	4.1	10
126	Polyfluorinated bis-styrylbenzenes as amyloid-Î² plaque binding ligands. Bioorganic and Medicinal Chemistry, 2014, 22, 2469-2481.	3.0	16

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127	A Hybrid Radioactive and Fluorescent Tracer for Sentinel Node Biopsy in Penile Carcinoma as a Potential Replacement for Blue Dye. European Urology, 2014, 65, 600-609.	1.9	135
128	Current Perspectives in the Use of Molecular Imaging To Target Surgical Treatments for Genitourinary Cancers. European Urology, 2014, 65, 947-964.	1.9	34
129	Optical imaging as an expansion of nuclear medicine: Cerenkov-based luminescence vs fluorescence-based luminescence. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 1283-1291.	6.4	89
130	Development and Prospects of Dedicated Tracers for the Molecular Imaging of Bacterial Infections. Bioconjugate Chemistry, 2013, 24, 1971-1989.	3.6	76
131	Sentinel Lymph Node Biopsy for Prostate Cancer: A Hybrid Approach. Journal of Nuclear Medicine, 2013, 54, 493-496.	5.0	49
132	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. PLoS ONE, 2013, 8, e48324.	2.5	20
133	Fluorescence guidance in urologic surgery. Current Opinion in Urology, 2012, 22, 109-120.	1.8	74
134	Relationship Between Intraprostatic Tracer Deposits and Sentinel Lymph Node Mapping in Prostate Cancer Patients. Journal of Nuclear Medicine, 2012, 53, 1026-1033.	5.0	52
135	Comparing the Hybrid Fluorescentâ€“Radioactive Tracer Indocyanine Greenâ€“^{99m}Tc-Nanocolloid with ^{99m}Tc-Nanocolloid for Sentinel Node Identification: A Validation Study Using Lymphoscintigraphy and SPECT/CT. Journal of Nuclear Medicine, 2012, 53, 1034-1040.	5.0	214
136	Image navigation as a means to expand the boundaries of fluorescence-guided surgery. Physics in Medicine and Biology, 2012, 57, 3123-3136.	3.0	78
137	Phosphorescence Imaging of Living Cells with Amino Acid-Functionalized Tris(2-phenylpyridine)iridium(III) Complexes. Inorganic Chemistry, 2012, 51, 2105-2114.	4.0	70
138	P4â€001: Overactivation of NMDA receptors in the aged APPsweâ€PS1dE9 brain, a mouse model of Alzheimer's disease. Alzheimer's and Dementia, 2012, 8, P638.	0.8	0
139	Imaging agents for the chemokine receptor 4 (CXCR4). Chemical Society Reviews, 2012, 41, 5239.	38.1	76
140	Multimodal Interventional Molecular Imaging of Tumor Margins and Distant Metastases by Targeting Î±_vÎ²₃ Integrin. ChemBioChem, 2012, 13, 1039-1045.	2.6	33
141	Prosthetic joint infections: radionuclide state-of-the-art imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 892-909.	6.4	165
142	Concomitant radio- and fluorescence-guided sentinel lymph node biopsy in squamous cell carcinoma of the oral cavity using ICG-99mTc-nanocolloid. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 1128-1136.	6.4	151
143	Targeted non-covalent self-assembled nanoparticles based on human serum albumin. Biomaterials, 2012, 33, 867-875.	11.4	77
144	Feasibility of Sentinel Node Biopsy in Head and Neck Melanoma Using a Hybrid Radioactive and Fluorescent Tracer. Annals of Surgical Oncology, 2012, 19, 1988-1994.	1.5	112

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145	In Vivo Detection of Amyloid-Î² Deposits Using Heavy Chain Antibody Fragments in a Transgenic Mouse Model for Alzheimer's Disease. PLoS ONE, 2012, 7, e38284.	2.5	34
146	Synthesis and Evaluation of a Bimodal CXCR4 Antagonistic Peptide. Bioconjugate Chemistry, 2011, 22, 859-864.	3.6	59
147	Hybrid Peptide Dendrimers for Imaging of Chemokine Receptor 4 (CXCR4) Expression. Molecular Pharmaceutics, 2011, 8, 2444-2453.	4.6	46
148	Pretreatment With Interferon-Gamma Enhances the Therapeutic Activity of Mesenchymal Stromal Cells in Animal Models of Colitis. Gastroenterology, 2011, 140, S-514.	1.3	1
149	Discovery and development of a synthetic peptide derived from lactoferrin for clinical use. Peptides, 2011, 32, 1953-1963.	2.4	75
150	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. European Urology, 2011, 60, 826-833.	1.9	295
151	Pretreatment with Interferon-Î³ Enhances the Therapeutic Activity of Mesenchymal Stromal Cells in Animal Models of Colitis. Stem Cells, 2011, 29, 1549-1558.	3.2	287
152	In vivo biodistribution of stem cells using molecular nuclear medicine imaging. Journal of Cellular Physiology, 2011, 226, 1444-1452.	4.1	41
153	Dendritic Ruthenium(II)â€Based Dyes Tuneable for Diagnostic or Therapeutic Applications. Chemistry - A European Journal, 2011, 17, 464-467.	3.3	32
154	Peptideâ€Functionalized Luminescent Iridium Complexes for Lifetime Imaging of CXCR4 Expression. ChemBioChem, 2011, 12, 1897-1903.	2.6	43
155	Tracer-cocktail injections for combined pre- and intraoperative multimodal imaging of lymph nodes in a spontaneous mouse prostate tumor model. Journal of Biomedical Optics, 2011, 16, 016004.	2.6	70
156	Performance of a 99mTc-labelled 1-thio-Î²-D-glucose 2,3,4,6-tetra-acetate analogue in the detection of infections and tumours in mice: a comparison with [18F]FDG. Nuclear Medicine Communications, 2010, 31, 239-248.	1.1	20
157	(Non-targeted) radioactive/fluorescent nanoparticles and their potential in combined pre- and intraoperative imaging during sentinel lymph node resection. Nanotechnology, 2010, 21, 482001.	2.6	45
158	Multimodal Tumor-Targeting Peptides Functionalized with Both a Radio- and a Fluorescent Label. Bioconjugate Chemistry, 2010, 21, 1709-1719.	3.6	104
159	A self-assembled multimodal complex for combined pre- and intraoperative imaging of the sentinel lymph node. Nanotechnology, 2010, 21, 355101.	2.6	85
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