

Joost R Van Der Vorst

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

4,839
citations

136950

32
h-index

149698

56
g-index

58
all docs

58
docs citations

58
times ranked

5369
citing authors

#	ARTICLE	IF	CITATIONS
1	Image-guided cancer surgery using near-infrared fluorescence. <i>Nature Reviews Clinical Oncology</i> , 2013, 10, 507-518.	27.6	1,121
2	The clinical use of indocyanine green as a near-infrared fluorescent contrast agent for image-guided oncologic surgery. <i>Journal of Surgical Oncology</i> , 2011, 104, 323-332.	1.7	673
3	Near-infrared fluorescence-guided resection of colorectal liver metastases. <i>Cancer</i> , 2013, 119, 3411-3418.	4.1	260
4	Optical Image-guided Surgery—Where Do We Stand?. <i>Molecular Imaging and Biology</i> , 2011, 13, 199-207.	2.6	240
5	Toward Optimization of Imaging System and Lymphatic Tracer for Near-Infrared Fluorescent Sentinel Lymph Node Mapping in Breast Cancer. <i>Annals of Surgical Oncology</i> , 2011, 18, 2483-2491.	1.5	225
6	Intraoperative Near Infrared Fluorescence Guided Identification of the Ureters Using Low Dose Methylene Blue: A First in Human Experience. <i>Journal of Urology</i> , 2013, 190, 574-579.	0.4	147
7	Randomized, double-blind comparison of indocyanine green with or without albumin premixing for near-infrared fluorescence imaging of sentinel lymph nodes in breast cancer patients. <i>Breast Cancer Research and Treatment</i> , 2011, 127, 163-170.	2.5	137
8	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
9	Optimization of near-infrared fluorescence cholangiography for open and laparoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2014, 28, 1076-1082.	2.4	123
10	Randomized Comparison of Near-infrared Fluorescence Imaging Using Indocyanine Green and 99m Technetium With or Without Patent Blue for the Sentinel Lymph Node Procedure in Breast Cancer Patients. <i>Annals of Surgical Oncology</i> , 2012, 19, 4104-4111.	1.5	114
11	Real-time intraoperative detection of breast cancer using near-infrared fluorescence imaging and Methylene Blue. <i>European Journal of Surgical Oncology</i> , 2014, 40, 850-858.	1.0	108
12	Near-infrared fluorescence sentinel lymph node mapping of the oral cavity in head and neck cancer patients. <i>Oral Oncology</i> , 2013, 49, 15-19.	1.5	100
13	Near-Infrared Fluorescence Imaging in Patients Undergoing Pancreaticoduodenectomy. <i>European Surgical Research</i> , 2011, 47, 90-97.	1.3	81
14	Dose optimization for near-infrared fluorescence sentinel lymph node mapping in patients with melanoma. <i>British Journal of Dermatology</i> , 2013, 168, 93-98.	1.5	81
15	Virtual Liver Resection and Volumetric Analysis of the Future Liver Remnant using Open Source Image Processing Software. <i>World Journal of Surgery</i> , 2010, 34, 2426-2433.	1.6	76
16	Optimization of near-infrared fluorescent sentinel lymph node mapping for vulvar cancer. <i>American Journal of Obstetrics and Gynecology</i> , 2012, 206, 89.e1-89.e5.	1.3	76
17	Intraoperative fluorescence delineation of head and neck cancer with a fluorescent Anti-epidermal growth factor receptor nanobody. <i>International Journal of Cancer</i> , 2014, 134, 2663-2673.	5.1	76
18	Randomized comparison of near-infrared fluorescence lymphatic tracers for sentinel lymph node mapping of cervical cancer. <i>Gynecologic Oncology</i> , 2012, 127, 126-130.	1.4	73

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19	Optimization of Near-Infrared Fluorescent Sentinel Lymph Node Mapping in Cervical Cancer Patients. <i>International Journal of Gynecological Cancer</i> , 2011, 21, 1472-1478.	2.5	72
20	Open versus laparoscopic left lateral hepatic sectionectomy within an enhanced recovery ERAS® programme (ORANGE II “ Trial): study protocol for a randomised controlled trial. <i>Trials</i> , 2012, 13, 54.	1.6	70
21	Clinical Translation of Ex Vivo Sentinel Lymph Node Mapping for Colorectal Cancer Using Invisible Near-Infrared Fluorescence Light. <i>Annals of Surgical Oncology</i> , 2011, 18, 1006-1014.	1.5	69
22	Intraoperative near-infrared fluorescence imaging of parathyroid adenomas with use of low-dose methylene blue. <i>Head and Neck</i> , 2014, 36, 853-858.	2.0	67
23	Image-guided hepatopancreatobiliary surgery using near-infrared fluorescent light. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2012, 19, 626-637.	2.6	66
24	Near-infrared fluorescence sentinel lymph node biopsy in vulvar cancer: a randomised comparison of lymphatic tracers. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2013, 120, 758-764.	2.3	63
25	Image-guided tumor resection using real-time near-infrared fluorescence in a syngeneic rat model of primary breast cancer. <i>Breast Cancer Research and Treatment</i> , 2011, 128, 679-689.	2.5	61
26	Near-infrared fluorescence imaging of a solitary fibrous tumor of the pancreas using methylene blue. <i>World Journal of Gastrointestinal Surgery</i> , 2012, 4, 180.	1.5	57
27	Near-Infrared Fluorescence Imaging of Both Colorectal Cancer and Ureters Using a Low-Dose Integrin Targeted Probe. <i>Annals of Surgical Oncology</i> , 2014, 21, 528-537.	1.5	56
28	Vascular remodeling and intimal hyperplasia in a novel murine model of arteriovenous fistula failure. <i>Journal of Vascular Surgery</i> , 2014, 59, 192-201.e1.	1.1	45
29	Optimization of sentinel lymph node mapping in bladder cancer using near-infrared fluorescence imaging. <i>Journal of Surgical Oncology</i> , 2014, 110, 845-850.	1.7	39
30	Near-Infrared Fluorescence Imaging of Liver Metastases in Rats using Indocyanine Green. <i>Journal of Surgical Research</i> , 2012, 174, 266-271.	1.6	38
31	Intraoperative near-infrared fluorescence imaging of colorectal metastases targeting integrin $\alpha v \beta 3$ expression in a syngeneic rat model. <i>European Journal of Surgical Oncology</i> , 2011, 37, 252-257.	1.0	37
32	Novel Intraoperative Near-Infrared Fluorescence Camera System for Optical Image-Guided Cancer Surgery. <i>Molecular Imaging</i> , 2010, 9, 7290.2010.00014.	1.4	36
33	A systematic review of the use of near-infrared fluorescence imaging in patients with peripheral artery disease. <i>Journal of Vascular Surgery</i> , 2019, 70, 286-297.e1.	1.1	27
34	Ex Vivo sentinel node mapping in colon cancer combining blue dye staining and fluorescence imaging. <i>Journal of Surgical Research</i> , 2013, 183, 253-257.	1.6	24
35	Quality of Life of Surgical Oncology Residents and Fellows Across Europe. <i>Journal of Surgical Education</i> , 2014, 71, 222-228.	2.5	21
36	Novel intraoperative near-infrared fluorescence camera system for optical image-guided cancer surgery. <i>Molecular Imaging</i> , 2010, 9, 223-31.	1.4	21

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37	A Novel Murine Model of Arteriovenous Fistula Failure: The Surgical Procedure in Detail. <i>Journal of Visualized Experiments</i> , 2016, , e53294.	0.3	16
38	Perfusion Parameters in Near-Infrared Fluorescence Imaging with Indocyanine Green: A Systematic Review of the Literature. <i>Life</i> , 2021, 11, 433.	2.4	16
39	Assessment of Tissue Viability Following Amputation Surgery Using Near-Infrared Fluorescence Imaging With Indocyanine Green. <i>Annals of Vascular Surgery</i> , 2022, 78, 281-287.	0.9	11
40	Endoglin/CD105-Based Imaging of Cancer and Cardiovascular Diseases: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4804.	4.1	10
41	Traumatic rupture of a Meckel's diverticulum due to blunt abdominal trauma in a soccer game: A case report. <i>International Journal of Surgery Case Reports</i> , 2016, 19, 8-10.	0.6	9
42	Cell-Based Tracers as Trojan Horses for Image-Guided Surgery. <i>International Journal of Molecular Sciences</i> , 2021, 22, 755.	4.1	9
43	Inaccurate Risk Assessment by the ACS NSQIP Risk Calculator in Aortic Surgery. <i>Journal of Clinical Medicine</i> , 2021, 10, 5426.	2.4	7
44	Exploring the surgical personality. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2023, 21, 1-7.	1.8	7
45	Normalization of Time-Intensity Curves for Quantification of Foot Perfusion Using Near-Infrared Fluorescence Imaging With Indocyanine Green. <i>Journal of Endovascular Therapy</i> , 2023, 30, 364-371.	1.5	7
46	Near-infrared fluorescence imaging with indocyanine green for quantification of changes in tissue perfusion following revascularization. <i>Vascular</i> , 2022, 30, 867-873.	0.9	6
47	Effects of Liver Resection on Hepatic Short-Chain Fatty Acid Metabolism in Humans. <i>PLoS ONE</i> , 2016, 11, e0166161.	2.5	6
48	Quantification of near-infrared fluorescence imaging with indocyanine green in free flap breast reconstruction. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2022, 75, 1820-1825.	1.0	5
49	Vascular Surgeons's Views on Ejaculation Disorders After Abdominal Aortic Surgery: Results of a Dutch Survey. <i>Annals of Vascular Surgery</i> , 2020, 67, 346-353.	0.9	4
50	Perfusion Patterns in Patients with Chronic Limb-Threatening Ischemia versus Control Patients Using Near-Infrared Fluorescence Imaging with Indocyanine Green. <i>Biomedicines</i> , 2021, 9, 1417.	3.2	4
51	Near-Infrared Fluorescence with Indocyanine Green to Assess Bone Perfusion: A Systematic Review. <i>Life</i> , 2022, 12, 154.	2.4	4
52	Stent Graft Sizing for Endovascular Abdominal Aneurysm Repair Using Open Source Image Processing Software. <i>Annals of Vascular Surgery</i> , 2021, 71, 411-418.	0.9	2
53	Risk assessment in aortic aneurysm repair by medical specialists versus the American College of Surgeons National Surgical Quality Improvement Program risk calculator outcomes. <i>JRSM Cardiovascular Disease</i> , 2021, 10, 204800402110065.	0.7	2
54	2500 POSTER Identification and Image-guided Resection of Occult Superficial Liver Metastases Using Indocyanine Green and Near-infrared Fluorescence Imaging. <i>European Journal of Cancer</i> , 2011, 47, S217.	2.8	1

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55	Saccular Aneurysm of the Brachiocephalic Vein. European Journal of Vascular and Endovascular Surgery, 2019, 57, 766.	1.5	1
56	Functional Performance After Complex Endovascular Aortic Repair: A Single-Center Retrospective Cohort Study. Journal of Endovascular Therapy, 2021, 28, 852-859.	1.5	1
57	5009 ORAL Near-infrared Fluorescence Sentinel Lymph Node Detection in Breast Cancer Patients – the GREEN LIGHT Studies. European Journal of Cancer, 2011, 47, S332-S333.	2.8	0
58	Abstract 4140: Preclinical optimization and clinical translation of near-infrared fluorescence imaging of colorectal liver metastases using indocyanine green. , 2011, , .		0