

# 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	Exploring the surgical personality. Journal of the Royal College of Surgeons of Edinburgh, 2023, 21, 1-7.	1.8	7
2	Normalization of Time-Intensity Curves for Quantification of Foot Perfusion Using Near-Infrared Fluorescence Imaging With Indocyanine Green. Journal of Endovascular Therapy, 2023, 30, 364-371.	1.5	7
3	Assessment of Tissue Viability Following Amputation Surgery Using Near-Infrared Fluorescence Imaging With Indocyanine Green. Annals of Vascular Surgery, 2022, 78, 281-287.	0.9	11
4	Near-infrared fluorescence imaging with indocyanine green for quantification of changes in tissue perfusion following revascularization. Vascular, 2022, 30, 867-873.	0.9	6
5	Quantification of near-infrared fluorescence imaging with indocyanine green in free flap breast reconstruction. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2022, 75, 1820-1825.	1.0	5
6	Near-Infrared Fluorescence with Indocyanine Green to Assess Bone Perfusion: A Systematic Review. Life, 2022, 12, 154.	2.4	4
7	Stent Graft Sizing for Endovascular Abdominal Aneurysm Repair Using Open Source Image Processing Software. Annals of Vascular Surgery, 2021, 71, 411-418.	0.9	2
8	Risk assessment in aortic aneurysm repair by medical specialists versus the American College of Surgeons National Surgical Quality Improvement Program risk calculator outcomes. JRSM Cardiovascular Disease, 2021, 10, 204800402110065.	0.7	2
9	Cell-Based Tracers as Trojan Horses for Image-Guided Surgery. International Journal of Molecular Sciences, 2021, 22, 755.	4.1	9
10	Endoglin/CD105-Based Imaging of Cancer and Cardiovascular Diseases: A Systematic Review. International Journal of Molecular Sciences, 2021, 22, 4804.	4.1	10
11	Perfusion Parameters in Near-Infrared Fluorescence Imaging with Indocyanine Green: A Systematic Review of the Literature. Life, 2021, 11, 433.	2.4	16
12	Functional Performance After Complex Endovascular Aortic Repair: A Single-Center Retrospective Cohort Study. Journal of Endovascular Therapy, 2021, 28, 852-859.	1.5	1
13	Perfusion Patterns in Patients with Chronic Limb-Threatening Ischemia versus Control Patients Using Near-Infrared Fluorescence Imaging with Indocyanine Green. Biomedicines, 2021, 9, 1417.	3.2	4
14	Inaccurate Risk Assessment by the ACS NSQIP Risk Calculator in Aortic Surgery. Journal of Clinical Medicine, 2021, 10, 5426.	2.4	7
15	Vascular Surgeons's Views on Ejaculation Disorders After Abdominal Aortic Surgery: Results of a Dutch Survey. Annals of Vascular Surgery, 2020, 67, 346-353.	0.9	4
16	A systematic review of the use of near-infrared fluorescence imaging in patients with peripheral artery disease. Journal of Vascular Surgery, 2019, 70, 286-297.e1.	1.1	27
17	Saccular Aneurysm of the Brachiocephalic Vein. European Journal of Vascular and Endovascular Surgery, 2019, 57, 766.	1.5	1
18	A Novel Murine Model of Arteriovenous Fistula Failure: The Surgical Procedure in Detail. Journal of Visualized Experiments, 2016, , e53294.	0.3	16

#	ARTICLE	IF	CITATIONS
19	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
20	Effects of Liver Resection on Hepatic Short-Chain Fatty Acid Metabolism in Humans. <i>PLoS ONE</i> , 2016, 11, e0166161.	2.5	6
21	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
22	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
23	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
24	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
25	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
26	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
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	Quality of Life of Surgical Oncology Residents and Fellows Across Europe. <i>Journal of Surgical Education</i> , 2014, 71, 222-228.	2.5	21
29	Image-guided cancer surgery using near-infrared fluorescence. <i>Nature Reviews Clinical Oncology</i> , 2013, 10, 507-518.	27.6	1,121
30	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
31	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
32	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
33	Near-infrared fluorescence-guided resection of colorectal liver metastases. <i>Cancer</i> , 2013, 119, 3411-3418.	4.1	260
34	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
35	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
36	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

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37	Image-guided hepatopancreatobiliary surgery using near-infrared fluorescent light. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2012, 19, 626-637.	2.6	66
38	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
39	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
40	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
41	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
42	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
43	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
44	5009 ORAL Near-infrared Fluorescence Sentinel Lymph Node Detection in Breast Cancer Patients – the GREEN LIGHT Studies. <i>European Journal of Cancer</i> , 2011, 47, S332-S333.	2.8	0
45	Intraoperative near-infrared fluorescence imaging of colorectal metastases targeting integrin $\alpha_5\beta_1$ expression in a syngeneic rat model. <i>European Journal of Surgical Oncology</i> , 2011, 37, 252-257.	1.0	37
46	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
47	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
48	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
49	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
50	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
51	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
52	Optical Image-guided Surgery – Where Do We Stand?. <i>Molecular Imaging and Biology</i> , 2011, 13, 199-207.	2.6	240
53	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
54	Near-Infrared Fluorescence Imaging in Patients Undergoing Pancreaticoduodenectomy. <i>European Surgical Research</i> , 2011, 47, 90-97.	1.3	81

#	ARTICLE	IF	CITATIONS
55	Abstract 4140: Preclinical optimization and clinical translation of near-infrared fluorescence imaging of colorectal liver metastases using indocyanine green. , 2011, , .		0
56	Novel Intraoperative Near-Infrared Fluorescence Camera System for Optical Image-Guided Cancer Surgery. Molecular Imaging, 2010, 9, 7290.2010.00014.	1.4	36
57	Virtual Liver Resection and Volumetric Analysis of the Future Liver Remnant using Open Source Image Processing Software. World Journal of Surgery, 2010, 34, 2426-2433.	1.6	76
58	Novel intraoperative near-infrared fluorescence camera system for optical image-guided cancer surgery. Molecular Imaging, 2010, 9, 223-31.	1.4	21