

Alexander L Vahrmeijer

List of Publications by Year in descending order

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Version: 2024-02-01

266
papers

12,806
citations

23567

58
h-index

31849

101
g-index

268
all docs

268
docs citations

268
times ranked

12117
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	Long-term outcomes of clinical complete responders after neoadjuvant treatment for rectal cancer in the International Watch & Wait Database (IWWD): an international multicentre registry study. <i>Lancet, The</i> , 2018, 391, 2537-2545.	13.7	677
3	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
4	Laparoscopic versus open pancreatoduodenectomy for pancreatic or periampullary tumours (LEOPARD-2): a multicentre, patient-blinded, randomised controlled phase 2/3 trial. <i>The Lancet Gastroenterology and Hepatology</i> , 2019, 4, 199-207.	8.1	393
5	Near-infrared fluorescence-guided resection of colorectal liver metastases. <i>Cancer</i> , 2013, 119, 3411-3418.	4.1	260
6	Optical Image-guided Surgery—Where Do We Stand?. <i>Molecular Imaging and Biology</i> , 2011, 13, 199-207.	2.6	240
7	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
8	Optical Image-Guided Cancer Surgery: Challenges and Limitations. <i>Clinical Cancer Research</i> , 2013, 19, 3745-3754.	7.0	223
9	A Novel Tumor-Specific Agent for Intraoperative Near-Infrared Fluorescence Imaging: A Translational Study in Healthy Volunteers and Patients with Ovarian Cancer. <i>Clinical Cancer Research</i> , 2016, 22, 2929-2938.	7.0	218
10	A practical guide for the use of indocyanine green and methylene blue in fluorescence-guided abdominal surgery. <i>Journal of Surgical Oncology</i> , 2018, 118, 283-300.	1.7	217
11	Structure-inherent targeting of near-infrared fluorophores for parathyroid and thyroid gland imaging. <i>Nature Medicine</i> , 2015, 21, 192-197.	30.7	166
12	Near-infrared fluorescence sentinel lymph node mapping in breast cancer: a multicenter experience. <i>Breast Cancer Research and Treatment</i> , 2014, 143, 333-342.	2.5	150
13	Impact of resection margin status on recurrence and survival in pancreatic cancer surgery. <i>British Journal of Surgery</i> , 2019, 106, 1055-1065.	0.3	149
14	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
15	Safety and effectiveness of SGM-101, a fluorescent antibody targeting carcinoembryonic antigen, for intraoperative detection of colorectal cancer: a dose-escalation pilot study. <i>The Lancet Gastroenterology and Hepatology</i> , 2018, 3, 181-191.	8.1	146
16	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
17	EGFR targeted nanobody-photosensitizer conjugates for photodynamic therapy in a pre-clinical model of head and neck cancer. <i>Journal of Controlled Release</i> , 2016, 229, 93-105.	9.9	132
18	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

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19	Intraoperative Pancreatic Cancer Detection using Tumor-Specific Multimodality Molecular Imaging. <i>Annals of Surgical Oncology</i> , 2018, 25, 1880-1888.	1.5	127
20	Successful Translation of Fluorescence Navigation During Oncologic Surgery: A Consensus Report. <i>Journal of Nuclear Medicine</i> , 2016, 57, 144-150.	5.0	125
21	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
22	Real-time fluorescence imaging in intraoperative decision making for cancer surgery. <i>Lancet Oncology</i> , 2021, 22, e186-e195.	10.7	122
23	Fundamentals and developments in fluorescence-guided cancer surgery. <i>Nature Reviews Clinical Oncology</i> , 2022, 19, 9-22.	27.6	122
24	Oncologic Procedures Amenable to Fluorescence-guided Surgery. <i>Annals of Surgery</i> , 2017, 266, 36-47.	4.2	119
25	The Value of Intraoperative Near-Infrared Fluorescence Imaging Based on Enhanced Permeability and Retention of Indocyanine Green: Feasibility and False-Positives in Ovarian Cancer. <i>PLoS ONE</i> , 2015, 10, e0129766.	2.5	118
26	Intraoperative imaging of folate receptor alpha positive ovarian and breast cancer using the tumor specific agent EC17. <i>Oncotarget</i> , 2016, 7, 32144-32155.	1.8	116
27	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
28	Image-Guided Surgery in Patients with Pancreatic Cancer: First Results of a Clinical Trial Using SGM-101, a Novel Carcinoembryonic Antigen-Targeting, Near-Infrared Fluorescent Agent. <i>Annals of Surgical Oncology</i> , 2018, 25, 3350-3357.	1.5	110
29	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
30	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
31	Characterization of circulating T-, NK-, and NKT cell subsets in patients with colorectal cancer: the peripheral blood immune cell profile. <i>Cancer Immunology, Immunotherapy</i> , 2019, 68, 1011-1024.	4.2	99
32	Variation in hospital mortality after pancreatoduodenectomy is related to failure to rescue rather than major complications: a nationwide audit. <i>Hpb</i> , 2018, 20, 759-767.	0.3	85
33	Intraoperative guidance in parathyroid surgery using near-infrared fluorescence imaging and low-dose Methylene Blue. <i>Surgery</i> , 2015, 158, 1323-1330.	1.9	82
34	Selecting Targets for Tumor Imaging: An Overview of Cancer-Associated Membrane Proteins. <i>Biomarkers in Cancer</i> , 2016, 8, BIC.S38542.	3.6	82
35	Near-Infrared Fluorescence Imaging in Patients Undergoing Pancreaticoduodenectomy. <i>European Surgical Research</i> , 2011, 47, 90-97.	1.3	81
36	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

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37	ITGA5 inhibition in pancreatic stellate cells attenuates desmoplasia and potentiates efficacy of chemotherapy in pancreatic cancer. <i>Science Advances</i> , 2019, 5, eaax2770.	10.3	81
38	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
39	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
40	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
41	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
42	SGM-101: An innovative near-infrared dye-antibody conjugate that targets CEA for fluorescence-guided surgery. <i>Surgical Oncology</i> , 2017, 26, 153-162.	1.6	76
43	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
44	Clinical prognostic value of combined analysis of Aldh1, Survivin, and EpCAM expression in colorectal cancer. <i>British Journal of Cancer</i> , 2014, 110, 2935-2944.	6.4	73
45	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
46	Laparoscopic detection and resection of occult liver tumors of multiple cancer types using real-time near-infrared fluorescence guidance. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017, 31, 952-961.	2.4	72
47	Long-term follow-up after near-infrared fluorescence-guided resection of colorectal liver metastases: A retrospective multicenter analysis. <i>European Journal of Surgical Oncology</i> , 2017, 43, 1463-1471.	1.0	71
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	Real-time near-infrared fluorescence guided surgery in gynecologic oncology: A review of the current state of the art. <i>Gynecologic Oncology</i> , 2014, 135, 606-613.	1.4	69
50	Isolated hepatic perfusion with high-dose melphalan for the treatment of colorectal metastasis confined to the liver. <i>British Journal of Surgery</i> , 2003, 90, 1391-1397.	0.3	68
51	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
52	Image-guided hepatopancreatobiliary surgery using near-infrared fluorescent light. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2012, 19, 626-637.	2.6	66
53	True. <i>British Journal of Cancer</i> , 2000, 82, 1539-1546.	6.4	65
54	Clinical Applications of the Urokinase Receptor (uPAR) for Cancer Patients. <i>Current Pharmaceutical Design</i> , 2011, 17, 1890-1910.	1.9	64

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55	Elevated CEA and CA19-9 serum levels independently predict advanced pancreatic cancer at diagnosis. <i>Biomarkers</i> , 2020, 25, 186-193.	1.9	64
56	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
57	The Best Approach for Laparoscopic Fluorescence Cholangiography: Overview of the Literature and Optimization of Dose and Dosing Time. <i>Surgical Innovation</i> , 2017, 24, 386-396.	0.9	63
58	Consensus Conference Statement on the General Use of Near-infrared Fluorescence Imaging and Indocyanine Green Guided Surgery. <i>Annals of Surgery</i> , 2022, 275, 685-691.	4.2	63
59	Concordance of folate receptor- β expression between biopsy, primary tumor and metastasis in breast cancer and lung cancer patients. <i>Oncotarget</i> , 2016, 7, 17442-17454.	1.8	63
60	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
61	Real-time near-infrared fluorescence imaging using cRGD-ZW800-1 for intraoperative visualization of multiple cancer types. <i>Oncotarget</i> , 2017, 8, 21054-21066.	1.8	60
62	A zwitterionic near-infrared fluorophore for real-time ureter identification during laparoscopic abdominopelvic surgery. <i>Nature Communications</i> , 2019, 10, 3118.	12.8	57
63	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
64	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
65	Metastatic lymph node ratio in stage III rectal cancer; prognostic significance in addition to the 7th edition of the TNM classification. <i>European Journal of Surgical Oncology</i> , 2010, 36, 1180-1186.	1.0	55
66	Preclinical evaluation of a novel CEA-targeting near-infrared fluorescent tracer delineating colorectal and pancreatic tumors. <i>International Journal of Cancer</i> , 2015, 137, 1910-1920.	5.1	55
67	Isolated Hepatic Perfusion with Tumor Necrosis Factor β and Melphalan: Experimental Studies in Pigs and Phase I Data from Humans. <i>Recent Results in Cancer Research</i> , 1998, 147, 107-119.	1.8	53
68	Near-infrared fluorescence sentinel lymph node detection in gastric cancer: A pilot study. <i>World Journal of Gastroenterology</i> , 2016, 22, 3644.	3.3	51
69	Recommendations for reporting on emerging optical imaging agents to promote clinical approval. <i>Theranostics</i> , 2018, 8, 5336-5347.	10.0	51
70	Nanobody-targeted photodynamic therapy induces significant tumor regression of trastuzumab-resistant HER2-positive breast cancer, after a single treatment session. <i>Journal of Controlled Release</i> , 2020, 323, 269-281.	9.9	49
71	First-in-Human Assessment of cRGD-ZW800-1, a Zwitterionic, Integrin-Targeted, Near-Infrared Fluorescent Peptide in Colon Carcinoma. <i>Clinical Cancer Research</i> , 2020, 26, 3990-3998.	7.0	48
72	Selecting Tumor-Specific Molecular Targets in Pancreatic Adenocarcinoma: Paving the Way for Image-Guided Pancreatic Surgery. <i>Molecular Imaging and Biology</i> , 2016, 18, 807-819.	2.6	47

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73	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
74	The clinical usefulness of optical coherence tomography during cancer interventions. <i>Journal of Cancer Research and Clinical Oncology</i> , 2018, 144, 1967-1990.	2.5	45
75	Isolated Hepatic Perfusion with 200mg Melphalan for Advanced Noncolorectal Liver Metastases. <i>Annals of Surgical Oncology</i> , 2008, 15, 1891-8.	1.5	43
76	Targeting integrins and enhanced permeability and retention (EPR) effect for optical imaging of oral cancer. <i>Journal of Surgical Oncology</i> , 2012, 105, 714-718.	1.7	42
77	uPAR-targeted multimodal tracer for pre- and intraoperative imaging in cancer surgery. <i>Oncotarget</i> , 2015, 6, 14260-14273.	1.8	42
78	Isolated hepatic melphalan perfusion of colorectal liver metastases: outcome and prognostic factors in 154 patients. <i>Annals of Oncology</i> , 2008, 19, 1127-1134.	1.2	41
79	Efficacy and feasibility of stereotactic radiotherapy after folfinox in patients with locally advanced pancreatic cancer (LAPC-1 trial). <i>EClinicalMedicine</i> , 2019, 17, 100200.	7.1	41
80	Optical imaging of oral squamous cell carcinoma and cervical lymph node metastasis. <i>Head and Neck</i> , 2012, 34, 1002-1008.	2.0	40
81	Near-infrared fluorescence cholangiography assisted laparoscopic cholecystectomy versus conventional laparoscopic cholecystectomy (FALCON trial): study protocol for a multicentre randomised controlled trial. <i>BMJ Open</i> , 2016, 6, e011668.	1.9	40
82	Review of clinical trials in intraoperative molecular imaging during cancer surgery. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	2.6	40
83	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
84	First Experience on Laparoscopic Near-Infrared Fluorescence Imaging of Hepatic Uveal Melanoma Metastases Using Indocyanine Green. <i>Surgical Innovation</i> , 2015, 22, 20-25.	0.9	39
85	Dose-Finding Study of a CEA-Targeting Agent, SGM-101, for Intraoperative Fluorescence Imaging of Colorectal Cancer. <i>Annals of Surgical Oncology</i> , 2021, 28, 1832-1844.	1.5	39
86	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
87	Real-time surgical margin assessment using ICG-fluorescence during laparoscopic and robot-assisted resections of colorectal liver metastases. <i>Annals of Translational Medicine</i> , 2020, 8, 1448-1448.	1.7	38
88	Intraoperative near-infrared fluorescence imaging of colorectal metastases targeting integrin $\alpha_3\beta_1$ expression in a syngeneic rat model. <i>European Journal of Surgical Oncology</i> , 2011, 37, 252-257.	1.0	37
89	Characterization and Evaluation of the Artemis Camera for Fluorescence-Guided Cancer Surgery. <i>Molecular Imaging and Biology</i> , 2015, 17, 413-423.	2.6	37
90	Intraoperative fluorescence imaging to localize tumors and sentinel lymph nodes in rectal cancer. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2016, 25, 48-53.	1.2	37

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91	Advances in Diagnostic and Intraoperative Molecular Imaging of Pancreatic Cancer. <i>Pancreas</i> , 2018, 47, 675-689.	1.1	37
92	Effect of glutathione depletion on inhibition of cell cycle progression and induction of apoptosis by melphalan (L-phenylalanine mustard) in human colorectal cancer cells. <i>Biochemical Pharmacology</i> , 1999, 58, 655-664.	4.4	36
93	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
94	Management of sexual side effects in the surgical oncology practice: A nationwide survey of Dutch surgical oncologists. <i>European Journal of Surgical Oncology</i> , 2015, 41, 1179-1187.	1.0	36
95	EpCAM as multi-tumour target for near-infrared fluorescence guided surgery. <i>BMC Cancer</i> , 2016, 16, 884.	2.6	36
96	Carcinoembryonic antigen-specific, fluorescent image-guided cytoreductive surgery with hyperthermic intraperitoneal chemotherapy for metastatic colorectal cancer. <i>British Journal of Surgery</i> , 2020, 107, 334-337.	0.3	36
97	Setting Standards for Reporting and Quantification in Fluorescence-Guided Surgery. <i>Molecular Imaging and Biology</i> , 2019, 21, 11-18.	2.6	35
98	Development and Preclinical Validation of a Cysteine Knottin Peptide Targeting Integrin $\alpha_6\beta_1$ for Near-infrared Fluorescent-guided Surgery in Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2018, 24, 1667-1676.	7.0	34
99	Multimodal Interventional Molecular Imaging of Tumor Margins and Distant Metastases by Targeting $\alpha_3\beta_1$ Integrin. <i>ChemBioChem</i> , 2012, 13, 1039-1045.	2.6	33
100	Expression of uPAR in tumor-associated stromal cells is associated with colorectal cancer patient prognosis: a TMA study. <i>BMC Cancer</i> , 2014, 14, 269.	2.6	33
101	The Immunogenicity of Colorectal Cancer in Relation to Tumor Development and Treatment. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1030.	4.1	33
102	Cancer immunophenotyping by seven-colour multispectral imaging without tyramide signal amplification. <i>Journal of Pathology: Clinical Research</i> , 2019, 5, 3-11.	3.0	33
103	Optical Mammography Using Diffuse Optical Spectroscopy for Monitoring Tumor Response to Neoadjuvant Chemotherapy in Women with Locally Advanced Breast Cancer. <i>Clinical Cancer Research</i> , 2015, 21, 577-584.	7.0	32
104	Percutaneous Isolated Hepatic Perfusion for the Treatment of Unresectable Liver Malignancies. <i>CardioVascular and Interventional Radiology</i> , 2016, 39, 801-814.	2.0	32
105	Folate receptor- α targeted near-infrared fluorescence imaging in high-risk endometrial cancer patients: a tissue microarray and clinical feasibility study. <i>Oncotarget</i> , 2018, 9, 791-801.	1.8	32
106	Fluorescent- α -guided surgery for sentinel lymph node detection in gastric cancer and carcinoembryonic antigen targeted fluorescent- α -guided surgery in colorectal and pancreatic cancer. <i>Journal of Surgical Oncology</i> , 2018, 118, 315-323.	1.7	32
107	Selection of optimal molecular targets for tumor-specific imaging in pancreatic ductal adenocarcinoma. <i>Oncotarget</i> , 2017, 8, 56816-56828.	1.8	32
108	Treatment of Melanoma Metastases Confined to the Liver and Future Perspectives. <i>Digestive Surgery</i> , 2008, 25, 467-472.	1.2	30

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109	Modalities for image- and molecular-guided cancer surgery. <i>British Journal of Surgery</i> , 2018, 105, e69-e83.	0.3	29
110	Intraoperative near-infrared fluorescence imaging of a paraganglioma using methylene blue: A case report. <i>International Journal of Surgery Case Reports</i> , 2015, 6, 150-153.	0.6	28
111	Preclinical uPAR-targeted multimodal imaging of locoregional oral cancer. <i>Oral Oncology</i> , 2017, 66, 1-8.	1.5	28
112	Detecting tumour-positive resection margins after oral cancer surgery by spraying a fluorescent tracer activated by gamma-glutamyltranspeptidase. <i>Oral Oncology</i> , 2018, 78, 1-7.	1.5	28
113	Safety of Percutaneous Hepatic Perfusion with Melphalan in Patients with Unresectable Liver Metastases from Ocular Melanoma Using the Delcath Systemsâ€™™ Second-Generation Hemofiltration System: A Prospective Non-randomized Phase II Trial. <i>CardioVascular and Interventional Radiology</i> , 2019, 42, 841-852.	2.0	28
114	Intraoperative molecular imaging clinical trials: a review of 2020 conference proceedings. <i>Journal of Biomedical Optics</i> , 2021, 26, .	2.6	28
115	Detection of visually occult metastatic lymph nodes using molecularly targeted fluorescent imaging during surgical resection of pancreatic cancer. <i>Hpb</i> , 2019, 21, 883-890.	0.3	28
116	Liposomal prednisolone inhibits vascular inflammation and enhances venous outward remodeling in a murine arteriovenous fistula model. <i>Scientific Reports</i> , 2016, 6, 30439.	3.3	27
117	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
118	Development of resistance to glutathione depletion-induced cell death in CC531 colon carcinoma cells: association with increased expression of Bcl-2. <i>Biochemical Pharmacology</i> , 2000, 59, 1557-1562.	4.4	26
119	Hepatic artery infusion of high-dose melphalan at reduced flow during isolated hepatic perfusion for the treatment of colorectal metastases confined to the liver: A clinical and pharmacologic evaluation. <i>European Journal of Surgical Oncology</i> , 2007, 33, 874-881.	1.0	26
120	Seeing the invisible during surgery. <i>British Journal of Surgery</i> , 2011, 98, 749-750.	0.3	26
121	Current and Future Intraoperative Imaging Strategies to Increase Radical Resection Rates in Pancreatic Cancer Surgery. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	26
122	Noninvasive Detection of Metastases and Follicle Density in Ovarian Tissue Using Full-Field Optical Coherence Tomography. <i>Clinical Cancer Research</i> , 2016, 22, 5506-5513.	7.0	26
123	Local delivery of liposomal prednisolone leads to an anti-inflammatory profile in renal ischaemiaâ€™ reperfusion injury in the rat. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 44-53.	0.7	26
124	Near-infrared fluorescence imaging compared to standard sentinel lymph node detection with blue dye in patients with vulvar cancer â€™ a randomized controlled trial. <i>Gynecologic Oncology</i> , 2020, 159, 672-680.	1.4	26
125	Fluorescence-guided surgery in colorectal cancer; A review on clinical results and future perspectives. <i>European Journal of Surgical Oncology</i> , 2022, 48, 810-821.	1.0	26
126	Interstitial photodynamic therapy with the second-generation photosensitizer bacteriochlorin in a rat model for liver metastases. <i>British Journal of Cancer</i> , 1998, 77, 2098-2103.	6.4	25

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127	Is Neoadjuvant Therapy Sufficient in Resected Pancreatic Cancer Patients? A National Study. <i>Journal of Gastrointestinal Surgery</i> , 2018, 22, 214-225.	1.7	25
128	Outcomes following pancreatic surgery using three different thromboprophylaxis regimens. <i>British Journal of Surgery</i> , 2019, 106, 765-773.	0.3	25
129	Phase I/II Studies of Isolated Hepatic Perfusion with Mitomycin C or Melphalan in Patients with Colorectal Cancer Hepatic Metastases. <i>Recent Results in Cancer Research</i> , 1998, 147, 83-94.	1.8	25
130	Detection of Oral Squamous Cell Carcinoma and Cervical Lymph Node Metastasis Using Activatable Near-Infrared Fluorescence Agents. <i>JAMA Otolaryngology</i> , 2011, 137, 609.	1.2	24
131	ExÂvivo 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
132	Targeted next-generation sequencing of FNA-derived DNA in pancreatic cancer. <i>Journal of Clinical Pathology</i> , 2017, 70, 174-178.	2.0	24
133	Neoadjuvant therapy affects margins and margins affect all: perioperative and survival outcomes in resected pancreatic adenocarcinoma. <i>Hpb</i> , 2018, 20, 573-581.	0.3	24
134	Fluorescence-guided tumor detection with a novel anti-EpCAM targeted antibody fragment: Preclinical validation. <i>Surgical Oncology</i> , 2019, 28, 1-8.	1.6	24
135	Treatment of colorectal cancer metastases confined to the liver. <i>European Journal of Cancer</i> , 1995, 31, 1238-1242.	2.8	23
136	In Vitro Schedule-Dependent Interaction Between Melphalan and Oxaliplatin in Human Colorectal Cancer Cell Lines. <i>Journal of Surgical Research</i> , 2011, 167, 273-278.	1.6	23
137	Towards a Successful Clinical Implementation of Fluorescence-Guided Surgery. <i>Molecular Imaging and Biology</i> , 2014, 16, 147-151.	2.6	23
138	Management of isolated nonresectable liver metastases in colorectal cancer patients: a caseâ€“control study of isolated hepatic perfusion with melphalan versus systemic chemotherapy. <i>Annals of Oncology</i> , 2010, 21, 1662-1667.	1.2	22
139	Dual wavelength tumor targeting for detection of hypopharyngeal cancer using nearâ€“infrared optical imaging in an animal model. <i>International Journal of Cancer</i> , 2012, 131, 1633-1640.	5.1	22
140	Yield of staging laparoscopy before treatment of locally advanced pancreatic cancer to detect occult metastases. <i>European Journal of Surgical Oncology</i> , 2019, 45, 1906-1911.	1.0	22
141	Intraoperative detection of colorectal and pancreatic liver metastases using SGM-101, a fluorescent antibody targeting CEA. <i>European Journal of Surgical Oncology</i> , 2021, 47, 667-673.	1.0	22
142	Modulation of cytostatic efficacy of melphalan by glutathione: mechanisms and efficacy. <i>Chemico-Biological Interactions</i> , 2002, 140, 93-107.	4.0	21
143	Chemosaturation Percutaneous Hepatic Perfusion: A Systematic Review. <i>Advances in Therapy</i> , 2016, 33, 2122-2138.	2.9	21
144	Metaâ€“analysis of epidural analgesia in patients undergoing pancreatoduodenectomy. <i>BJS Open</i> , 2019, 3, 559-571.	1.7	21

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145	Novel intraoperative near-infrared fluorescence camera system for optical image-guided cancer surgery. <i>Molecular Imaging</i> , 2010, 9, 223-31.	1.4	21
146	Intraoperative Identification of a Normal Pituitary Gland and an Adenoma Using Near-Infrared Fluorescence Imaging and Low-Dose Indocyanine Green. <i>Operative Neurosurgery</i> , 2016, 12, 260-268.	0.8	20
147	Toward optical guidance during endoscopic ultrasound-guided fine needle aspirations of pancreatic masses using single fiber reflectance spectroscopy: a feasibility study. <i>Journal of Biomedical Optics</i> , 2017, 22, 024001.	2.6	20
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