

# 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	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
2	Highlighting the Undetectable $\hat{\alpha}^{\text{r}}$ Fluorescence Molecular Imaging in Gastrointestinal Endoscopy. <i>Molecular Imaging and Biology</i> , 2023, 25, 18-35.	2.6	8
3	Intra-operative assessment of the vascularisation of a cross section of the meniscus using near-infrared fluorescence imaging. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 1629-1638.	4.2	1
4	Fundamentals and developments in fluorescence-guided cancer surgery. <i>Nature Reviews Clinical Oncology</i> , 2022, 19, 9-22.	27.6	122
5	Pain management, fluid therapy and thromboprophylaxis after pancreatoduodenectomy: a worldwide survey among surgeons. <i>Hpb</i> , 2022, 24, 558-567.	0.3	4
6	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
7	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
8	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
9	Single fiber reflectance spectroscopy for pancreatic cancer detection during endoscopic ultrasound guided fine needle biopsy: a prospective cohort study. <i>International Journal of Medical Sciences</i> , 2022, 19, 205-212.	2.5	2
10	Prospective evaluation of percutaneous hepatic perfusion with melphalan as a treatment for unresectable liver metastases from colorectal cancer. <i>PLoS ONE</i> , 2022, 17, e0261939.	2.5	2
11	The complementary value of intraoperative fluorescence imaging and Raman spectroscopy for cancer surgery: combining the incompatibles. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 2364-2376.	6.4	13
12	Fluorescence-guided sentinel lymph node detection in colorectal cancer surgery. , 2022, , 245-255.		0
13	The Value of 18F-FDG-PET-CT Imaging in Treatment Evaluation of Colorectal Liver Metastases: A Systematic Review. <i>Diagnostics</i> , 2022, 12, 715.	2.6	4
14	Near-Infrared Fluorescence Tumor-Targeted Imaging in Lung Cancer: A Systematic Review. <i>Life</i> , 2022, 12, 446.	2.4	9
15	Intraoperative Near-Infrared Fluorescence Imaging with Indocyanine Green for Identification of Gastrointestinal Stromal Tumors (GISTs), a Feasibility Study. <i>Cancers</i> , 2022, 14, 1572.	3.7	2
16	AVOID; a phase III, randomised controlled trial using indocyanine green for the prevention of anastomotic leakage in colorectal surgery. <i>BMJ Open</i> , 2022, 12, e051144.	1.9	17
17	Visceral adipose tissue is a better predictor than BMI in the alternative Fistula Risk Score in patients undergoing pancreatoduodenectomy. <i>Hpb</i> , 2022, 24, 1679-1687.	0.3	3
18	Orthotopic Breast Cancer Model to Investigate the Therapeutic Efficacy of Nanobody-Targeted Photodynamic Therapy. <i>Methods in Molecular Biology</i> , 2022, 2451, 547-556.	0.9	0

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19	Integration of Three-Dimensional Liver Models in a Multimodal Image-Guided Robotic Liver Surgery Cockpit. <i>Life</i> , 2022, 12, 667.	2.4	5
20	Clinical translation and implementation of optical imaging agents for precision image-guided cancer surgery. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 332-339.	6.4	16
21	Percutaneous Hepatic Perfusion with Melphalan in Patients with Unresectable Ocular Melanoma Metastases Confined to the Liver: A Prospective Phase II Study. <i>Annals of Surgical Oncology</i> , 2021, 28, 1130-1141.	1.5	19
22	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
23	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
24	Expression of integrin $\alpha_6\beta_1$ differentiates perihilar cholangiocarcinoma (PHC) from benign disease mimicking PHC. <i>European Journal of Surgical Oncology</i> , 2021, 47, 628-634.	1.0	2
25	Cell-Based Tracers as Trojan Horses for Image-Guided Surgery. <i>International Journal of Molecular Sciences</i> , 2021, 22, 755.	4.1	9
26	Candidate Biomarkers for Specific Intraoperative Near-Infrared Imaging of Soft Tissue Sarcomas: A Systematic Review. <i>Cancers</i> , 2021, 13, 557.	3.7	10
27	CEA, EpCAM, $\alpha_6\beta_1$ and uPAR Expression in Rectal Cancer Patients with a Pathological Complete Response after Neoadjuvant Therapy. <i>Diagnostics</i> , 2021, 11, 516.	2.6	5
28	A multimodal molecular imaging approach targeting urokinase plasminogen activator receptor for the diagnosis, resection and surveillance of urothelial cell carcinoma. <i>European Journal of Cancer</i> , 2021, 146, 11-20.	2.8	8
29	Immunotherapy for pancreatic cancer: chasing the light at the end of the tunnel. <i>Cellular Oncology (Dordrecht)</i> , 2021, 44, 261-278.	4.4	16
30	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
31	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
32	Intra-Tumoral Genomic Heterogeneity in Rectal Cancer: Mutational Status Is Dependent on Preoperative Biopsy Depth and Location. <i>Cancers</i> , 2021, 13, 2271.	3.7	4
33	Intraoperative molecular imaging clinical trials: a review of 2020 conference proceedings. <i>Journal of Biomedical Optics</i> , 2021, 26, .	2.6	28
34	Real-time fluorescence imaging in intraoperative decision making for cancer surgery. <i>Lancet Oncology, The</i> , 2021, 22, e186-e195.	10.7	122
35	Phase 3, randomized, single-dose, open-label study to investigate the safety and efficacy of pafolacianine sodium injection (OTL38) for intraoperative imaging of folate receptor positive ovarian cancer. <i>Journal of Clinical Oncology</i> , 2021, 39, 5503-5503.	1.6	18
36	Quantitative dynamic near-infrared fluorescence imaging using indocyanine green for analysis of bowel perfusion after mesenteric resection. <i>Journal of Biomedical Optics</i> , 2021, 26, .	2.6	3

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37	Clinical implications of bile cultures obtained during pancreatoduodenectomy: a cohort study and meta-analysis. <i>Hpb</i> , 2021, 23, 1123-1133.	0.3	10
38	Real-time fluorescence imaging for cancer surgery: a pathologist's perspective – Authors' reply. <i>Lancet Oncology</i> , The, 2021, 22, e283.	10.7	0
39	A Critical Assessment of the Association between HLA-G Expression by Carcinomas and Clinical Outcome. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8265.	4.1	11
40	Incidence, timing and risk factors of venous thromboembolic events in patients with pancreatic cancer. <i>Thrombosis Research</i> , 2021, 207, 134-139.	1.7	11
41	NIR Fluorescence Imaging of Colon Cancer With cRGD-ZW800-1 – Response. <i>Clinical Cancer Research</i> , 2021, 27, 4938-4938.	7.0	0
42	Detection of cutaneous oxygen saturation using a novel snapshot hyperspectral camera: a feasibility study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 3966-3977.	2.0	3
43	Near-infrared fluorescence-guided metastasectomy for hepatic gastrointestinal stromal tumor metastases using indocyanine green: A case report. <i>International Journal of Surgery Case Reports</i> , 2021, 78, 250-253.	0.6	3
44	Molecular Lymph Node Staging with One-Step Nucleic Acid Amplification and its Prognostic Value for Patients with Colon Cancer: The First Follow-up Study. <i>World Journal of Surgery</i> , 2021, 45, 1526-1536.	1.6	2
45	Watch and wait after a clinical complete response in rectal cancer patients younger than 50 years. <i>British Journal of Surgery</i> , 2021, 109, 114-120.	0.3	16
46	Introducing Fluorescence-Guided Surgery for Pediatric Ewing, Osteo-, and Rhabdomyosarcomas: A Literature Review. <i>Biomedicines</i> , 2021, 9, 1388.	3.2	14
47	Side-by-Side Comparison of uPAR-Targeting Optical Imaging Antibodies and Antibody Fragments for Fluorescence-Guided Surgery of Solid Tumors. <i>Molecular Imaging and Biology</i> , 2021, , 1.	2.6	6
48	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
49	Resection of the Portal-Superior Mesenteric Vein in Pancreatic Cancer. <i>Pancreas</i> , 2021, 50, 1218-1229.	1.1	4
50	The Potential of Induced Pluripotent Stem Cells to Advance the Treatment of Pancreatic Ductal Adenocarcinoma. <i>Cancers</i> , 2021, 13, 5789.	3.7	2
51	An Immunohistochemical Evaluation of Tumor-Associated Glycans and Mucins as Targets for Molecular Imaging of Pancreatic Ductal Adenocarcinoma. <i>Cancers</i> , 2021, 13, 5777.	3.7	3
52	Integrin $\alpha_6\beta_4$ as a Target for Tumor-Specific Imaging of Vulvar Squamous Cell Carcinoma and Adjacent Premalignant Lesions. <i>Cancers</i> , 2021, 13, 6006.	3.7	1
53	Assessment of deep inferior epigastric perforator flap perfusion with near-infrared fluorescence: a pilot study and description of a standardized working protocol. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021, , .	1.0	3
54	Overview and Future Perspectives on Tumor-Targeted Positron Emission Tomography and Fluorescence Imaging of Pancreatic Cancer in the Era of Neoadjuvant Therapy. <i>Cancers</i> , 2021, 13, 6088.	3.7	8

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55	Molecular Targeted Positron Emission Tomography Imaging and Radionuclide Therapy of Pancreatic Ductal Adenocarcinoma. <i>Cancers</i> , 2021, 13, 6164.	3.7	8
56	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
57	Stage-Specific Value of Carbohydrate Antigen 19-9 and Carcinoembryonic Antigen Serum Levels on Survival and Recurrence in Pancreatic Cancer: A Single Center Study and Meta-Analysis. <i>Cancers</i> , 2020, 12, 2970.	3.7	16
58	Molecular targets for diagnostic and intraoperative imaging of pancreatic ductal adenocarcinoma after neoadjuvant FOLFIRINOX treatment. <i>Scientific Reports</i> , 2020, 10, 16211.	3.3	12
59	Glycan-Based Near-infrared Fluorescent (NIRF) Imaging of Gastrointestinal Tumors: a Preclinical Proof-of-Concept In Vivo Study. <i>Molecular Imaging and Biology</i> , 2020, 22, 1511-1522.	2.6	6
60	Anti-GD2-IRDye800CW as a targeted probe for fluorescence-guided surgery in neuroblastoma. <i>Scientific Reports</i> , 2020, 10, 17667.	3.3	20
61	Multimodal CEA-Targeted Image-Guided Colorectal Cancer Surgery using <sup>111</sup> In-Labeled SGM-101. <i>Clinical Cancer Research</i> , 2020, 26, 5934-5942.	7.0	14
62	Evaluation of EphB4 as Target for Image-Guided Surgery of Breast Cancer. <i>Pharmaceuticals</i> , 2020, 13, 172.	3.8	1
63	Small Molecules for Multi-Wavelength Near-Infrared Fluorescent Mapping of Regional and Sentinel Lymph Nodes in Colorectal Cancer Staging. <i>Frontiers in Oncology</i> , 2020, 10, 586112.	2.8	1
64	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
65	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
66	EGFR and $\beta$ 6 as Promising Targets for Molecular Imaging of Cutaneous and Mucosal Squamous Cell Carcinoma of the Head and Neck Region. <i>Cancers</i> , 2020, 12, 1474.	3.7	17
67	Novel Molecular Targets for Tumor-Specific Imaging of Epithelial Ovarian Cancer Metastases. <i>Cancers</i> , 2020, 12, 1562.	3.7	9
68	Elevated CEA and CA19-9 serum levels independently predict advanced pancreatic cancer at diagnosis. <i>Biomarkers</i> , 2020, 25, 186-193.	1.9	64
69	Potential targets for tumor-specific imaging of vulvar squamous cell carcinoma: A systematic review of candidate biomarkers. <i>Gynecologic Oncology</i> , 2020, 156, 734-743.	1.4	6
70	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
71	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
72	Molecular imaging of the urokinase plasminogen activator receptor: opportunities beyond cancer. <i>EJNMMI Research</i> , 2020, 10, 87.	2.5	16

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73	Targeting Glycans and Heavily Glycosylated Proteins for Tumor Imaging. <i>Cancers</i> , 2020, 12, 3870.	3.7	13
74	Regional Therapies for Hepatic Melanoma Metastases. , 2020, , 323-340.		0
75	The clinical translation of a near-infrared fluorophore for fluorescence guided surgery: SGM-101 from the lab to a phase III trial. , 2020, , .		0
76	Setting Standards for Reporting and Quantification in Fluorescence-Guided Surgery. <i>Molecular Imaging and Biology</i> , 2019, 21, 11-18.	2.6	35
77	Intraoperative detection of the remnant cystic duct during robot-assisted surgery using near-infrared fluorescence imaging: a case report. <i>BMC Surgery</i> , 2019, 19, 104.	1.3	8
78	A zwitterionic near-infrared fluorophore for real-time ureter identification during laparoscopic abdominopelvic surgery. <i>Nature Communications</i> , 2019, 10, 3118.	12.8	57
79	A Prospective Clinical Trial to Determine the Effect of Intraoperative Ultrasound on Surgical Strategy and Resection Outcome in Patients with Pancreatic Cancer. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 2019-2026.	1.5	3
80	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
81	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
82	Quantitative margin assessment of radiofrequency ablation of a solitary colorectal hepatic metastasis using MIRADA RTx on CT scans: a feasibility study. <i>BMC Medical Imaging</i> , 2019, 19, 71.	2.7	12
83	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
84	RESPONSE TO LETTER TO THE EDITOR. <i>Journal of Surgical Oncology</i> , 2019, 119, 399-399.	1.7	0
85	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
86	A method for semi-automated image analysis of HLA class I tumour epithelium expression in rectal cancer. <i>European Journal of Histochemistry</i> , 2019, 63, .	1.5	2
87	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
88	Meta-analysis of epidural analgesia in patients undergoing pancreatoduodenectomy. <i>BJS Open</i> , 2019, 3, 559-571.	1.7	21
89	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
90	Epidural and Non-epidural Analgesia in Patients Undergoing Open Pancreatectomy: a Retrospective Cohort Study. <i>Journal of Gastrointestinal Surgery</i> , 2019, 23, 2439-2448.	1.7	11

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91	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. CardioVascular and Interventional Radiology, 2019, 42, 841-852.	2.0	28
92	Outcomes following pancreatic surgery using three different thromboprophylaxis regimens. British Journal of Surgery, 2019, 106, 765-773.	0.3	25
93	Embolization of variant hepatic arteries in patients undergoing percutaneous hepatic perfusion for unresectable liver metastases from ocular melanoma. Diagnostic and Interventional Radiology, 2019, 25, 451-458.	1.5	7
94	Efficacy and feasibility of stereotactic radiotherapy after folfirinox in patients with locally advanced pancreatic cancer (LAPC-1 trial). EClinicalMedicine, 2019, 17, 100200.	7.1	41
95	Cancer immunophenotyping by sevenâ€™colour multispectral imaging without tyramide signal amplification. Journal of Pathology: Clinical Research, 2019, 5, 3-11.	3.0	33
96	Fluorescence-guided tumor detection with a novel anti-EpCAM targeted antibody fragment: Preclinical validation. Surgical Oncology, 2019, 28, 1-8.	1.6	24
97	Detection of visually occult metastatic lymph nodes using molecularly targeted fluorescent imaging during surgical resection of pancreatic cancer. Hpb, 2019, 21, 883-890.	0.3	28
98	Review of clinical trials in intraoperative molecular imaging during cancer surgery. Journal of Biomedical Optics, 2019, 24, 1.	2.6	40
99	Multimodal image-guided surgery of HER2-positive breast cancer using [111In]In-DTPA-trastuzumab-IRDye800CW in an orthotopic breast tumor model. EJNMMI Research, 2019, 9, 98.	2.5	9
100	Snapshot hyperspectral imaging for detection of breast tumors in resected specimens. , 2019, , .		2
101	Perfusion assessment of DIEP flaps based on near-infrared fluorescence imaging: current literature and pilot study. , 2019, , .		1
102	Feasibility of a snapshot hyperspectral imaging for detection of local skin oxygenation. , 2019, , .		2
103	The clinical translation of novel near-infrared fluorophores for fluorescence guided surgery. , 2019, , .		0
104	Intraoperative Pancreatic Cancer Detection using Tumor-Specific Multimodality Molecular Imaging. Annals of Surgical Oncology, 2018, 25, 1880-1888.	1.5	127
105	Safety and effectiveness of SGM-101, a fluorescent antibody targeting carcinoembryonic antigen, for intraoperative detection of colorectal cancer: a dose-escalation pilot study. The Lancet Gastroenterology and Hepatology, 2018, 3, 181-191.	8.1	146
106	Detecting tumour-positive resection margins after oral cancer surgery by spraying a fluorescent tracer activated by gamma-glutamyltranspeptidase. Oral Oncology, 2018, 78, 1-7.	1.5	28
107	Neoadjuvant therapy affects margins and margins affect all: perioperative and survival outcomes in resected pancreatic adenocarcinoma. Hpb, 2018, 20, 573-581.	0.3	24
108	Modalities for image- and molecular-guided cancer surgery. British Journal of Surgery, 2018, 105, e69-e83.	0.3	29

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109	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
110	Fluorescence and multispectral optoacoustic imaging for an optimized detection of deeply located tumors in an orthotopic mouse model of pancreatic carcinoma. <i>International Journal of Cancer</i> , 2018, 142, 2118-2129.	5.1	8
111	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
112	Local delivery of liposomal prednisolone leads to an anti-inflammatory profile in renal ischaemia reperfusion injury in the rat. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 44-53.	0.7	26
113	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
114	Intraoperative Near-Infrared Fluorescence Imaging of Multiple Pancreatic Neuroendocrine Tumors. <i>Pancreas</i> , 2018, 47, 130-133.	1.1	11
115	Diagnostic value of targeted next-generation sequencing in patients with suspected pancreatic or periampullary cancer. <i>Journal of Clinical Pathology</i> , 2018, 71, 246-252.	2.0	9
116	Gadoxetic acid-enhanced magnetic resonance imaging significantly influences the clinical course in patients with colorectal liver metastases. <i>BMC Medical Imaging</i> , 2018, 18, 44.	2.7	12
117	Recommendations for reporting on emerging optical imaging agents to promote clinical approval. <i>Theranostics</i> , 2018, 8, 5336-5347.	10.0	51
118	Staging laparoscopy with ultrasound and near-infrared fluorescence imaging to detect occult metastases of pancreatic and periampullary cancer. <i>PLoS ONE</i> , 2018, 13, e0205960.	2.5	9
119	Folate receptor- $\alpha$ 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
120	ASO Author Reflections: Fluorescent-Guided Surgery to Augment Pancreatic Cancer Surgery. <i>Annals of Surgical Oncology</i> , 2018, 25, 820-821.	1.5	0
121	Fluorescent-guided surgery for sentinel lymph node detection in gastric cancer and carcinoembryonic antigen targeted fluorescent-guided surgery in colorectal and pancreatic cancer. <i>Journal of Surgical Oncology</i> , 2018, 118, 315-323.	1.7	32
122	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
123	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
124	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</i> , The, 2018, 391, 2537-2545.	18.7	677
125	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
126	Biomarker expression in rectal cancer tissue before and after neoadjuvant therapy. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 1655-1664.	2.0	14



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127	Advances in Diagnostic and Intraoperative Molecular Imaging of Pancreatic Cancer. <i>Pancreas</i> , 2018, 47, 675-689.	1.1	37
128	Abstract B208: Targeting ITGA5 in pancreatic stellate cells as a novel strategy to restrain pancreatic tumor growth. , 2018, , .		0
129	Optics in surgery: the surgeon perspective. , 2018, , .		1
130	A dual-labeled cRGD-based PET/optical tracer for pre-operative staging and intraoperative treatment of colorectal cancer. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 8, 282-291.	1.0	4
131	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
132	Preclinical uPAR-targeted multimodal imaging of locoregional oral cancer. <i>Oral Oncology</i> , 2017, 66, 1-8.	1.5	28
133	Image guided surgery using near-infrared fluorescence: road to clinical translation of novel probes for real time tumor visualization. <i>Proceedings of SPIE</i> , 2017, , .	0.8	1
134	Targeted next-generation sequencing of FNA-derived DNA in pancreatic cancer. <i>Journal of Clinical Pathology</i> , 2017, 70, 174-178.	2.0	24
135	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
136	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
137	Prospective Clinical and Pharmacological Evaluation of the Delcath Systemâ€™s Second-Generation (GEN2) Hemofiltration System in Patients Undergoing Percutaneous Hepatic Perfusion with Melphalan. <i>CardioVascular and Interventional Radiology</i> , 2017, 40, 1196-1205.	2.0	19
138	Oncologic Procedures Amenable to Fluorescence-guided Surgery. <i>Annals of Surgery</i> , 2017, 266, 36-47.	4.2	119
139	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
140	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
141	Integrin $\alpha 6$ , CMET and Loss of Epcam Expression are Predictors of Poor Survival: First Steps Towards Targeting the Epithelial to Mesenchymal Transition in Pancreatic Cancer Patients. <i>Gastroenterology</i> , 2017, 152, S1270.	1.3	0
142	Is Neoadjuvant Therapy Sufficient in Resected Pancreatic Cancer Patients? a National Study. <i>Gastroenterology</i> , 2017, 152, S1224.	1.3	0
143	Morphological and phenotypical features of ovarian metastases in breast cancer patients. <i>BMC Cancer</i> , 2017, 17, 206.	2.6	7
144	Prognostic Impact of Urokinase Plasminogen Activator Receptor Expression in Pancreatic Cancer: Malignant Versus Stromal Cells. <i>Biomarker Insights</i> , 2017, 12, 117727191771544.	2.5	16

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145	Correlation Between Preoperative Serum Carcinoembryonic Antigen Levels and Expression on Pancreatic and Rectal Cancer Tissue. <i>Biomarkers in Cancer</i> , 2017, 9, 1179299X1771001.	3.6	12
146	In Search for Optimal Targets for Intraoperative Fluorescence Imaging of Peritoneal Metastasis From Colorectal Cancer. <i>Biomarkers in Cancer</i> , 2017, 9, 1179299X1772825.	3.6	14
147	Evaluation of EphA2 and EphB4 as Targets for Image-Guided Colorectal Cancer Surgery. <i>International Journal of Molecular Sciences</i> , 2017, 18, 307.	4.1	14
148	Future applications of fusion-fluorescence imaging during laparoscopic procedures. <i>Translational Gastroenterology and Hepatology</i> , 2017, 2, 76-76.	3.0	0
149	Validation of full-field optical coherence tomography in distinguishing malignant and benign tissue in resected pancreatic cancer specimens. <i>PLoS ONE</i> , 2017, 12, e0175862.	2.5	18
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