

Vincent Vandecaveye

List of Publications by Year in descending order

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101
papers

5,219
citations

101543

36
h-index

85541

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103
all docs

103
docs citations

103
times ranked

6161
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusion-Weighted MRI for Selection of Complete Responders After Chemoradiation for Locally Advanced Rectal Cancer: A Multicenter Study. <i>Annals of Surgical Oncology</i> , 2011, 18, 2224-2231.	1.5	335
2	Head and Neck Squamous Cell Carcinoma: Value of Diffusion-weighted MR Imaging for Nodal Staging. <i>Radiology</i> , 2009, 251, 134-146.	7.3	313
3	Histological diversity in cholangiocellular carcinoma reflects the different cholangiocyte phenotypes. <i>Hepatology</i> , 2012, 55, 1876-1888.	7.3	268
4	Detection of head and neck squamous cell carcinoma with diffusion weighted MRI after (chemo)radiotherapy: Correlation between radiologic and histopathologic findings. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 67, 960-971.	0.8	248
5	Dose Painting in Radiotherapy for Head and Neck Squamous Cell Carcinoma: Value of Repeated Functional Imaging with ¹⁸ F-FDG PET, ¹⁸ F-Fluoromisonidazole PET, Diffusion-Weighted MRI, and Dynamic Contrast-Enhanced MRI. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1020-1027.	5.0	200
6	Whole-body MRI with diffusion-weighted sequence for staging of patients with suspected ovarian cancer: a clinical feasibility study in comparison to CT and FDG-PET/CT. <i>European Radiology</i> , 2014, 24, 889-901.	4.5	189
7	Predictive value of diffusion-weighted magnetic resonance imaging during chemoradiotherapy for head and neck squamous cell carcinoma. <i>European Radiology</i> , 2010, 20, 1703-1714.	4.5	182
8	Presymptomatic Identification of Cancers in Pregnant Women During Noninvasive Prenatal Testing. <i>JAMA Oncology</i> , 2015, 1, 814.	7.1	180
9	Value of Diffusion-Weighted Magnetic Resonance Imaging for Prediction and Early Assessment of Response to Neoadjuvant Radiochemotherapy in Rectal Cancer: Preliminary Results. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, 863-870.	0.8	178
10	Diffusion-weighted MRI provides additional value to conventional dynamic contrast-enhanced MRI for detection of hepatocellular carcinoma. <i>European Radiology</i> , 2009, 19, 2456-2466.	4.5	163
11	Intertwin anastomoses in monochorionic placentas after fetoscopic laser coagulation for twin-to-twin transfusion syndrome: Is there more than meets the eye?. <i>American Journal of Obstetrics and Gynecology</i> , 2006, 194, 790-795.	1.3	160
12	Effect of Vascular Targeting Agent in Rat Tumor Model: Dynamic Contrast-enhanced versus Diffusion-weighted MR Imaging. <i>Radiology</i> , 2005, 237, 492-499.	7.3	158
13	The role of diffusion-weighted MRI and 18F-FDG PET/CT in the prediction of pathologic complete response after radiochemotherapy for rectal cancer: A systematic review. <i>Radiotherapy and Oncology</i> , 2014, 113, 158-165.	0.6	155
14	The use of FDG-PET/CT and diffusion-weighted magnetic resonance imaging for response prediction before, during and after preoperative chemoradiotherapy for rectal cancer. <i>Acta Oncologica</i> , 2010, 49, 956-963.	1.8	126
15	Diffusion-Weighted Magnetic Resonance Imaging Early After Chemoradiotherapy to Monitor Treatment Response in Head-and-Neck Squamous Cell Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, 1098-1107.	0.8	122
16	Non-invasive detection of genomic imbalances in Hodgkin/Reed-Sternberg cells in early and advanced stage Hodgkin's lymphoma by sequencing of circulating cell-free DNA: a technical proof-of-principle study. <i>Lancet Haematology</i> , 2015, 2, e55-e65.	4.6	115
17	The Value of Magnetic Resonance Imaging for Radiotherapy Planning. <i>Seminars in Radiation Oncology</i> , 2014, 24, 151-159.	2.2	113
18	Diagnostic value of whole body diffusion-weighted MRI compared to computed tomography for pre-operative assessment of patients suspected for ovarian cancer. <i>European Journal of Cancer</i> , 2017, 83, 88-98.	2.8	93

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19	Integrating pretreatment diffusion weighted MRI into a multivariable prognostic model for head and neck squamous cell carcinoma. <i>Radiotherapy and Oncology</i> , 2014, 110, 429-434.	0.6	90
20	Multidetector CT-generated virtual bronchoscopy: an illustrated review of the potential clinical indications. <i>European Respiratory Journal</i> , 2004, 23, 776-782.	6.7	87
21	Whole-body diffusion-weighted MRI for operability assessment in patients with colorectal cancer and peritoneal metastases. <i>Cancer Imaging</i> , 2019, 19, 1.	2.8	80
22	Applications of diffusion-weighted magnetic resonance imaging in head and neck squamous cell carcinoma. <i>Neuroradiology</i> , 2010, 52, 773-784.	2.2	68
23	Diffusion-Weighted Magnetic Resonance Imaging Allows Noninvasive In Vivo Monitoring of the Effects of Combretastatin A-4 Phosphate after Repeated Administration. <i>Neoplasia</i> , 2005, 7, 779-787.	5.3	67
24	Evaluation of the larynx for tumour recurrence by diffusion-weighted MRI after radiotherapy: initial experience in four cases. <i>British Journal of Radiology</i> , 2006, 79, 681-687.	2.2	62
25	Diffusion-Weighted Imaging of the Head and Neck in Healthy Subjects: Reproducibility of ADC Values in Different MRI Systems and Repeat Sessions. <i>American Journal of Neuroradiology</i> , 2015, 36, 384-390.	2.4	61
26	Predicting the tumor response to chemoradiotherapy for rectal cancer: Model development and external validation using MRI radiomics. <i>Radiotherapy and Oncology</i> , 2020, 142, 246-252.	0.6	61
27	Treatment of Rodent Liver Tumor With Combretastatin A4 Phosphate. <i>Investigative Radiology</i> , 2009, 44, 44-53.	6.2	58
28	Diffusion-Weighted MRI for Nodal Staging of Head and Neck Squamous Cell Carcinoma: Impact on Radiotherapy Planning. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, 761-766.	0.8	57
29	Chemoembolization for Hepatocellular Carcinoma: 1-Month Response Determined with Apparent Diffusion Coefficient Is an Independent Predictor of Outcome. <i>Radiology</i> , 2014, 270, 747-757.	7.3	56
30	ESGO/ISUOG/IOTA/ESGE Consensus Statement on pre-operative diagnosis of ovarian tumors. <i>International Journal of Gynecological Cancer</i> , 2021, 31, 961-982.	2.5	54
31	The Value of Magnetic Resonance Imaging in the Diagnosis of Residual or Recurrent Acquired Cholesteatoma After Canal Wall-Up Tympanoplasty. <i>Otology and Neurotology</i> , 2008, 29, 16-18.	1.3	51
32	Difficulties with diagnosis of malignancies in pregnancy. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2016, 33, 19-32.	2.8	50
33	Imaging techniques for the pre-surgical diagnosis of adnexal tumours. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2014, 28, 683-695.	2.8	46
34	Feasibility of whole-body diffusion-weighted MRI for detection of primary tumour, nodal and distant metastases in women with cancer during pregnancy: a pilot study. <i>European Radiology</i> , 2018, 28, 1862-1874.	4.5	46
35	Prospective, Multicenter Validation Study of Magnetic Resonance Volumetry for Response Assessment After Preoperative Chemoradiation in Rectal Cancer: Can the Results in the Literature be Reproduced?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 1005-1014.	0.8	43
36	Comprehensive genome-wide analysis of routine non-invasive test data allows cancer prediction: A single-center retrospective analysis of over 85,000 pregnancies. <i>EClinicalMedicine</i> , 2021, 35, 100856.	7.1	42

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37	<scp>ESGO</scp>/<scp>ISUOG</scp>/<scp>IOTA</scp>/<scp>ESGE</scp> Consensus Statement on preoperative diagnosis of ovarian tumors. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 58, 148-168.	1.7	42
38	Tumor Volume as an Alternative Response Measurement for Imatinib Treated GIST Patients. <i>PLoS ONE</i> , 2012, 7, e48372.	2.5	40
39	Liver Tumor Model with Implanted Rhabdomyosarcoma in Rats: MR Imaging, Microangiography, and Histopathologic Analysis. <i>Radiology</i> , 2006, 239, 554-562.	7.3	39
40	Quantitative imaging outperforms molecular markers when predicting response to chemoradiotherapy for rectal cancer. <i>Radiotherapy and Oncology</i> , 2017, 124, 104-109.	0.6	37
41	Whole-body diffusion-weighted magnetic resonance imaging at 3 Tesla for early assessment of treatment response in non-Hodgkin lymphoma: a pilot study. <i>Cancer Imaging</i> , 2013, 13, 53-62.	2.8	36
42	Genomewide copy number alteration screening of circulating plasma DNA: potential for the detection of incipient tumors. <i>Annals of Oncology</i> , 2019, 30, 85-95.	1.2	35
43	Diffusion-weighted magnetic resonance imaging in neck lymph adenopathy. <i>Cancer Imaging</i> , 2008, 8, 173-180.	2.8	31
44	Transcatheter Chemoembolization of Unresectable Hepatocellular Carcinoma: Current Knowledge and Future Directions. <i>Digestive Diseases</i> , 2009, 27, 157-163.	1.9	29
45	Characterisation of solitary pulmonary lesions combining visual perfusion and quantitative diffusion MR imaging. <i>European Radiology</i> , 2014, 24, 531-541.	4.5	28
46	Inflammation-Based Index and ⁶⁸ Ga-DOTATOC PET-â€œDerived Uptake and Volumetric Parameters Predict Outcome in Neuroendocrine Tumor Patients Treated with ⁹⁰ Y-DOTATOC. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1014-1020.	5.0	28
47	Imaging modalities in pregnant cancer patients. <i>International Journal of Gynecological Cancer</i> , 2021, 31, 423-431.	2.5	26
48	Dynamic contrast-enhanced and diffusion-weighted MRI for early detection of tumoral changes in single-dose and fractionated radiotherapy: evaluation in a rat rhabdomyosarcoma model. <i>European Radiology</i> , 2009, 19, 2663-2671.	4.5	25
49	Evaluation of T2-W MR imaging and diffusion-weighted imaging for the early post-treatment local response assessment of patients treated conservatively for cervical cancer: a multicentre study. <i>European Radiology</i> , 2019, 29, 309-318.	4.5	25
50	Gadoxetic acid-based hepatobiliary MRI in hepatocellular carcinoma. <i>JHEP Reports</i> , 2020, 2, 100173.	4.9	24
51	Diffusion-weighted MRI in head and neck cancer. <i>Cancer Imaging</i> , 2007, 7, 126-127.	2.8	23
52	Accuracy of whole-body diffusion-weighted MRI (WB-DWI/MRI) in diagnosis, staging and follow-up of gastric cancer, in comparison to CT: a pilot study. <i>BMC Medical Imaging</i> , 2021, 21, 18.	2.7	23
53	Yttrium-90 radioembolization for the treatment of chemorefractory colorectal liver metastases: Technical results, clinical outcome and factors potentially influencing survival. <i>Acta OncolÃ³gica</i> , 2016, 55, 486-495.	1.8	22
54	<scp>Wholeâ€œbody magnetic resonance imaging</scp> for prostate cancer assessment: Current status and future directions. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 653-680.	3.4	22

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55	Development and validation of an MRI-based model to predict response to chemoradiotherapy for rectal cancer. <i>Radiotherapy and Oncology</i> , 2018, 126, 437-442.	0.6	21
56	Improving lymph node characterization in staging malignant lymphoma using first-order ADC texture analysis from whole-body diffusion-weighted MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 897-906.	3.4	19
57	Whole-body diffusion-weighted magnetic resonance imaging in the diagnosis of recurrent ovarian cancer: a clinical feasibility study. <i>British Journal of Radiology</i> , 2016, 89, 20160468.	2.2	18
58	External Validation of the Prognostic Nomogram (COMPASS) for Patients with Peritoneal Carcinomatosis of Colorectal Cancer. <i>Annals of Surgical Oncology</i> , 2017, 24, 3604-3608.	1.5	18
59	Prognostic value of baseline imaging and clinical features in patients with advanced hepatocellular carcinoma. <i>British Journal of Cancer</i> , 2022, 126, 211-218.	6.4	18
60	Histology obtained by needle biopsy gives additional information on the prognosis of hepatocellular carcinoma. <i>Hepatology Research</i> , 2012, 42, 990-998.	3.4	17
61	Redefining the target early during treatment. Can we visualize regional differences within the target volume using sequential diffusion weighted MRI?. <i>Radiotherapy and Oncology</i> , 2014, 110, 329-334.	0.6	17
62	Novel imaging techniques in gynaecological cancer. <i>Current Opinion in Oncology</i> , 2017, 29, 335-342.	2.4	16
63	Exploring the Effect of Esomeprazole on Gastric and Duodenal Fluid Volumes and Absorption of Ritonavir. <i>Pharmaceutics</i> , 2020, 12, 670.	4.5	15
64	Transcatheter Arterial Chemoembolization with Doxorubicin-Eluting Superabsorbent Polymer Microspheres in the Treatment of Hepatocellular Carcinoma: Midterm Follow-up. <i>Journal of Vascular and Interventional Radiology</i> , 2014, 25, 248-255.e1.	0.5	13
65	Increased Immunosuppression Is Related to Increased Amounts of Ascites and Inferior Prognosis in Ovarian Cancer. <i>Anticancer Research</i> , 2019, 39, 5953-5962.	1.1	13
66	Early tumor shrinkage and response assessment according to mRECIST predict overall survival in hepatocellular carcinoma patients under sorafenib. <i>Cancer Imaging</i> , 2022, 22, 1.	2.8	11
67	Role and value of diffusion-weighted MRI in the radiotherapeutic management of head and neck cancer. <i>Expert Review of Anticancer Therapy</i> , 2010, 10, 1451-1459.	2.4	10
68	The effectiveness of selective internal radiation therapy in challenging cases of liver-predominant unresectable hepatocellular carcinoma. <i>Future Oncology</i> , 2014, 10, 17-27.	2.4	10
69	Breast Cancer Detection and Treatment Monitoring Using a Noninvasive Prenatal Testing Platform: Utility in Pregnant and Nonpregnant Populations. <i>Clinical Chemistry</i> , 2020, 66, 1414-1423.	3.2	9
70	Safety and efficacy of doxorubicin-eluting superabsorbent polymer microspheres for the treatment of liver metastases from neuroendocrine tumours: preliminary results. <i>Radiology and Oncology</i> , 2017, 51, 74-80.	1.7	8
71	ESGO/ISUOG/IOTA/ESGE Consensus Statement on preoperative diagnosis of ovarian tumours. <i>Facts, Views & Vision in ObGyn</i> , 2021, 13, 107-130.	1.1	7
72	Micro-HCCs in rats with liver cirrhosis: paradoxical targeting effects with vascular disrupting agent CA4P. <i>Oncotarget</i> , 2017, 8, 55204-55215.	1.8	7

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73	Cytoreductive surgery and Hyperthermic intra-operative peritoneal chemotherapy with Cisplatin for gastric peritoneal Carcinomatosis Monocentric phase-2 nonrandomized prospective clinical trial. BMC Cancer, 2017, 17, 771.	2.6	6
74	Transarterial Radioembolization Following Chemoembolization for Unresectable Hepatocellular Carcinoma: Response Based on Apparent Diffusion Coefficient Change is an Independent Predictor for Survival. CardioVascular and Interventional Radiology, 2018, 41, 1716-1726.	2.0	6
75	Hemorrhage of liver and bone metastases as a result of rapid response to dual BRAF/MEK inhibition in metastatic melanoma: a case report. Melanoma Research, 2018, 28, 147-150.	1.2	5
76	Whole-body diffusion-weighted magnetic resonance imaging for the detection of bone metastases and their prognostic impact in metastatic renal cell carcinoma patients treated with angiogenesis inhibitors. Acta Oncologica, 2020, 59, 818-824.	1.8	5
77	Correlation of liver enhancement in gadoxetic acid-enhanced MRI with liver functions: a multicenter-multivendor analysis of hepatocellular carcinoma patients from SORAMIC trial. European Radiology, 2022, 32, 1320-1329.	4.5	5
78	Evaluating the accuracy of three international guidelines in identifying the risk of malignancy in pancreatic cysts : a retrospective analysis of a surgical treated population. Acta Gastro-Enterologica Belgica, 2021, 84, 443-450.	1.0	4
79	Early Whole-Body Diffusion-weighted MRI Helps Predict Long-term Outcome Following Peptide Receptor Radionuclide Therapy for Metastatic Neuroendocrine Tumors. Radiology Imaging Cancer, 2022, 4, .	1.6	4
80	83 HISTOLOGICAL DIVERSITY IN CHOLANGIOCELLULAR CARCINOMA SUGGESTING DIFFERENT CELLS OF ORIGIN: INTRAHEPATIC PROGENITOR CELLS VERSUS HILAR MUCIN PRODUCING CELLS. Journal of Hepatology, 2011, 54, S37.	3.7	3
81	Endoscopic treatment of a symptomatic duodenal duplication cyst. Endoscopy, 2018, 50, E184-E185.	1.8	3
82	Patient-Reported Functional Outcome of Patients with Rectal Cancer Undergoing Watch-and-Wait vs. Surgery after Chemoradiotherapy. International Journal of Radiation Oncology Biology Physics, 2019, 105, S105.	0.8	3
83	Quantitative Whole-Body Diffusion-weighted MRI after One Treatment Cycle for Aggressive Non-Hodgkin Lymphoma Is an Independent Prognostic Factor of Outcome. Radiology Imaging Cancer, 2021, 3, e200061.	1.6	3
84	Perfusion-and diffusion-weighted imaging of hepatocellular carcinoma. JBR-BTR: Organe De La Soci�t� Royale Belge De Radiologie (SRBR) = Orgaan Van De Koninklijke Belgische Vereniging Voor Radiologie (KBVR), 2007, 90, 492-6.	0.0	3
85	Imaging and targeted agents in gastrointestinal cancers: overview on perfusion- and diffusion-weighted magnetic resonance imaging and angiogenesis inhibitors. Targeted Oncology, 2008, 3, 101-110.	3.6	1
86	Diffusion-weighted MRI in head and neck cancer: experience to date and future potential. Imaging in Medicine, 2013, 5, 319-331.	0.0	1
87	Imaging Techniques. Medical Radiology, 2020, , 37-64.	0.1	1
88	Use of hyperglycemic clamp to assess pancreatectomy and islet cell autotransplant in patient with heterotaxy syndrome and dorsal pancreas agenesis leading to chronic pancreatitis. American Journal of Transplantation, 2020, 20, 3662-3666.	4.7	1
89	Curative, Organ-Sparing, Multimodal, Perioperative Treatment of a Young Patient with a Rectoanal Inflammatory Myofibroblastic Tumor. Oncology Research and Treatment, 2021, 44, 269-275.	1.2	1
90	Effect of protein composition of enteral formula on gastric content volume during continuous feeding: A randomized controlled cross-over study in healthy adults. Clinical Nutrition, 2021, 40, 2663-2672.	5.0	1

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91	Response to: Correspondence on "ESGO/ISUOG/IOTA/ESGE Consensus Statement on pre-operative diagnosis of ovarian tumors" by Thomassin-Nagarra et al. International Journal of Gynecological Cancer, 2021, 31, 1396-1397.	2.5	1
92	Regression of multiple hepatocellular adenomas after cessation of oral contraceptive pills : a case report and review of the current literature. Acta Gastro-Enterologica Belgica, 2021, 84, 505-508.	1.0	1
93	Characterization of Liver Metastases During Catheter-Directed Liver Interventions: A Comparison between Dual Phase Cone-Beam Computed Tomography and Conventional Contrast-Enhanced Computed Tomography. Journal of the Belgian Society of Radiology, 2020, 104, 41.	0.3	1
94	Response Assessment and Follow-Up by Imaging in Head and Neck Tumours. Medical Radiology, 2020, , 405-416.	0.1	1
95	Imaging Techniques. Medical Radiology, 2011, , 33-54.	0.1	0
96	Vena Cava Superior Syndrome Related to Right Heart Invasion of an Unresectable Hepatocellular Carcinoma. Canadian Journal of Gastroenterology and Hepatology, 2016, 2016, 1-2.	1.9	0
97	Improving lymph node characterization in staging malignant lymphoma using first-order ADC texture analysis from whole-body diffusion-weighted MRI. Journal of Magnetic Resonance Imaging, 2018, 48, spcone-spcone.	3.4	0
98	Gastric accumulation of enteral nutrition reduces pressure changes induced by phasic contractility in an isovolumetric intragastric balloon. Neurogastroenterology and Motility, 2021, 33, e14088.	3.0	0
99	Cancer surveillance in adults with germline <i>TP53</i> pathogenic variants: A single-center observational study.. Journal of Clinical Oncology, 2021, 39, 10530-10530.	1.6	0
100	Gadoxetic Acid-Based MRI for Decision-Making in Hepatocellular Carcinoma Employing Perfusion Criteria Only—A Post Hoc Analysis from the SORAMIC Trial Diagnostic Cohort. Current Oncology, 2022, 29, 565-577.	2.2	0
101	Extrahepatic Disease in Hepatocellular Carcinoma: Do We Always Need Whole-Body CT or Is Liver MRI Sufficient? A Subanalysis of the SORAMIC Trial. Biomedicines, 2022, 10, 1156.	3.2	0