

Thierry Van den Bosch

List of Publications by Year in descending order

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103
papers

4,463
citations

172457

29
h-index

110387

64
g-index

152
all docs

152
docs citations

152
times ranked

3073
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic approach to sonographic evaluation of the pelvis in women with suspected endometriosis, including terms, definitions and measurements: a consensus opinion from the International Deep Endometriosis Analysis (IDEA) group. <i>Ultrasound in Obstetrics and Gynecology</i> , 2016, 48, 318-332.	1.7	503
2	Terms, definitions and measurements to describe sonographic features of myometrium and uterine masses: a consensus opinion from the Morphological Uterus Sonographic Assessment (MUSA) group. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015, 46, 284-298.	1.7	461
3	Predictive value for preterm birth of abnormal vaginal flora, bacterial vaginosis and aerobic vaginitis during the first trimester of pregnancy. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2009, 116, 1315-1324.	2.3	335
4	Endometrial Thickness Measurement for Detecting Endometrial Cancer in Women With Postmenopausal Bleeding. <i>Obstetrics and Gynecology</i> , 2010, 116, 160-167.	2.4	251
5	Color Doppler imaging is a valuable tool for the diagnosis and management of uterine vascular malformations. <i>Ultrasound in Obstetrics and Gynecology</i> , 2003, 21, 570-577.	1.7	219
6	Terms, definitions and measurements to describe the sonographic features of the endometrium and intrauterine lesions: a consensus opinion from the International Endometrial Tumor Analysis (IETA) group. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010, 35, 103-112.	1.7	212
7	Diagnosing adenomyosis: an integrated clinical and imaging approach. <i>Human Reproduction Update</i> , 2020, 26, 392-411.	10.8	205
8	Sonographic classification and reporting system for diagnosing adenomyosis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 53, 576-582.	1.7	157
9	Sonographic examination of uterine niche in nonpregnant women: a modified Delphi procedure. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 53, 107-115.	1.7	147
10	Combining vaginal ultrasonography and office endometrial sampling in the diagnosis of endometrial disease in postmenopausal women. <i>Obstetrics and Gynecology</i> , 1995, 85, 349-352.	2.4	128
11	Options on fibroid morcellation: a literature review. <i>Gynecological Surgery</i> , 2015, 12, 3-15.	0.9	128
12	Ultrasound diagnosis of endometriosis and adenomyosis: State of the art. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2018, 51, 16-24.	2.8	109
13	Occurrence and Outcome of Residual Trophoblastic Tissue. <i>Journal of Ultrasound in Medicine</i> , 2008, 27, 357-361.	1.7	100
14	Counting ovarian antral follicles by ultrasound: a practical guide. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018, 51, 10-20.	1.7	90
15	Consensus on revised definitions of Morphological Uterus Sonographic Assessment (<scp>MUSA</scp>) features of adenomyosis: results of modified Delphi procedure. <i>Ultrasound in Obstetrics and Gynecology</i> , 2022, 60, 118-131.	1.7	80
16	Screening for uterine tumours. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2012, 26, 257-266.	2.8	72
17	Ultrasound characteristics of endometrial cancer as defined by International Endometrial Tumor Analysis (IETA) consensus nomenclature: prospective multicenter study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018, 51, 818-828.	1.7	61
18	Knowledge of cervix cancer, human papilloma virus (HPV) and HPV vaccination at the moment of introduction of the vaccine in women in Belgium. <i>Archives of Gynecology and Obstetrics</i> , 2008, 277, 291-298.	1.7	60

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19	Transvaginal ultrasound assessment of myometrial and cervical stromal invasion in women with endometrial cancer: interobserver reproducibility among ultrasound experts and gynecologists. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015, 45, 476-482.	1.7	59
20	The Use of a New Gel Foam for the Evaluation of Tubal Patency. <i>Gynecologic and Obstetric Investigation</i> , 2013, 75, 152-156.	1.6	52
21	Pain experienced during transvaginal ultrasound, saline contrast sonohysterography, hysteroscopy and office sampling: a comparative study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008, 31, 346-351.	1.7	46
22	Strengths and limitations of diagnostic tools for endometriosis and relevance in diagnostic test accuracy research. <i>Ultrasound in Obstetrics and Gynecology</i> , 2022, 60, 309-327.	1.7	45
23	A thin and regular endometrium on ultrasound is very unlikely in patients with endometrial malignancy. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007, 29, 674-679.	1.7	43
24	Definition and sonographic reporting system for Cesarean scar pregnancy in early gestation: modified Delphi method. <i>Ultrasound in Obstetrics and Gynecology</i> , 2022, 59, 437-449.	1.7	41
25	Ultrasound assessment of endometrial thickness and endometrial polyps in women on hormonal replacement therapy. <i>American Journal of Obstetrics and Gynecology</i> , 2003, 188, 1249-1253.	1.3	37
26	Terminology for describing normally sited and ectopic pregnancies on ultrasound: ESHRE recommendations for good practice. <i>Human Reproduction Open</i> , 2020, 2020, hoaa055.	5.4	37
27	Detection of endometrial pathology using saline infusion sonography versus gel instillation sonography: a prospective cohort study. <i>Fertility and Sterility</i> , 2011, 95, 285-288.	1.0	36
28	Endometrial cancer off-line staging using two-dimensional transvaginal ultrasound and three-dimensional volume contrast imaging: Intermethod agreement, interrater reliability and diagnostic accuracy. <i>Gynecologic Oncology</i> , 2018, 150, 438-445.	1.4	35
29	Typical ultrasound features of various endometrial pathologies described using International Endometrial Tumor Analysis (<scp>IETA</scp>) terminology in women with abnormal uterine bleeding. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 57, 164-172.	1.7	35
30	Gel infusion sonography in the evaluation of the uterine cavity. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 34, 711-714.	1.7	29
31	Abnormal uterine and post-menopausal bleeding in the acute gynaecology unit. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2009, 23, 595-607.	2.8	28
32	Pain during Fallopian tube patency testing by hysterosalpingofoam sonography. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015, 45, 346-350.	1.7	27
33	Validation of ultrasound strategies to assess tumor extension and to predict high-risk endometrial cancer in women from the prospective IETA (International Endometrial Tumor Analysis) cohort. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 55, 115-124.	1.7	26
34	Prenatal findings in a monozygotic twin pregnancy with Costello syndrome. <i>Prenatal Diagnosis</i> , 2002, 22, 415-417.	2.3	25
35	Maximum Peak Systolic Velocity and Management of Highly Vascularized Retained Products of Conception. <i>Journal of Ultrasound in Medicine</i> , 2015, 34, 1577-1582.	1.7	25
36	ISUOG Consensus Statement on rationalization of gynecological ultrasound services in context of SARS-CoV-2. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 55, 879-885.	1.7	23

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37	Morcellation of uterine leiomyomas: a plea for patient triage. <i>Lancet Oncology</i> , The, 2015, 16, 1454-1456.	10.7	22
38	Age, weight, body mass index and endometrial thickness in postmenopausal women. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 1996, 75, 181-182.	2.8	20
39	Lidocaine Does Not Reduce Pain Perception during Gel Instillation Sonography or Subsequent Office Hysteroscopy: Results of a Randomized Trial. <i>Gynecologic and Obstetric Investigation</i> , 2011, 71, 236-239.	1.6	20
40	International Endometrial Tumor Analysis (IETA) terminology in women with postmenopausal bleeding and sonographic endometrial thickness ≥ 4.5 mm: agreement and reliability study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018, 51, 259-268.	1.7	20
41	OC11.03: Saline infusion versus gel instillation sonography: a prospective cohort study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 34, 19-20.	1.7	19
42	Effect of gel instillation sonography on Doppler ultrasound findings in endometrial polyps. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011, 38, 355-359.	1.7	19
43	Diagnostic accuracy of transvaginal ultrasound for detection of endometriosis using International Deep Endometriosis Analysis (<scp>IDEA</scp>) approach: prospective international pilot study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2022, 60, 404-413.	1.7	19
44	ESHRE/ESGE female genital tract anomalies classification system—the potential impact of discarding arcuate uterus on clinical practice. <i>Human Reproduction</i> , 2018, 33, 600-606.	0.9	18
45	Clinical Data Miner: An Electronic Case Report Form System With Integrated Data Preprocessing and Machine-Learning Libraries Supporting Clinical Diagnostic Model Research. <i>JMIR Medical Informatics</i> , 2014, 2, e28.	2.6	18
46	Intra-cavitary uterine pathology in women with abnormal uterine bleeding: a prospective study of 1220 women. <i>Facts, Views & Vision in ObGyn</i> , 2015, 7, 17-24.	1.1	17
47	Detection of intracavitary uterine pathology using offline analysis of three-dimensional ultrasound volumes: interobserver agreement and diagnostic accuracy. <i>Ultrasound in Obstetrics and Gynecology</i> , 2012, 40, 459-463.	1.7	16
48	Prenatal Diagnosis of a Subamniotic Hematoma. <i>Fetal Diagnosis and Therapy</i> , 2000, 15, 32-35.	1.4	15
49	Improved modeling of clinical data with kernel methods. <i>Artificial Intelligence in Medicine</i> , 2012, 54, 103-114.	6.5	15
50	Contrast-Enhanced Ultrasound Imaging of Uterine Disorders: A Systematic Review. <i>Ultrasonic Imaging</i> , 2021, 43, 016173462110174.	2.6	15
51	Circulating Protein Biomarkers to Differentiate Uterine Sarcomas from Leiomyomas. <i>Anticancer Research</i> , 2019, 39, 3981-3989.	1.1	14
52	Intra- and Inter-Rater Agreement Describing Myometrial Lesions Using Morphologic Uterus Sonographic Assessment: A Pilot Study. <i>Journal of Ultrasound in Medicine</i> , 2019, 38, 2673-2683.	1.7	14
53	Ultrasound features of endometrial pathology in women without abnormal uterine bleeding: results from the International Endometrial Tumor Analysis study (<scp>IETA3</scp>). <i>Ultrasound in Obstetrics and Gynecology</i> , 2022, 60, 243-255.	1.7	14
54	Ultrasound-based risk model for preoperative prediction of lymph node metastases in women with endometrial cancer: model development study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 56, 443-452.	1.7	13

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55	Signs and symptoms associated with uterine cancer in pre- and postmenopausal women. <i>Heliyon</i> , 2020, 6, e05372.	3.2	12
56	Juvenile cystic adenomyosis: A case report and review of the literature. <i>Australasian Journal of Ultrasound in Medicine</i> , 2019, 22, 295-300.	0.6	10
57	<scp>IDEAL</scp> study: magnetic resonance imaging for suspected deep endometriosis assessment prior to laparoscopy is as reliable as radiological imaging as a complement to transvaginal ultrasonography. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 56, 255-266.	1.7	10
58	Pre-sampling ultrasound evaluation and assessment of the tissue yield during sampling improves the diagnostic reliability of office endometrial biopsy. <i>Journal of Obstetrics and Gynaecology</i> , 2012, 32, 173-176.	0.9	9
59	Morcellation and risk of malignancy in presumed ovarian fibromas/fibrothecomas. <i>Lancet Oncology</i> , The, 2016, 17, 273-274.	10.7	9
60	Cervical cytology in menopausal women at high risk for endometrial disease. <i>European Journal of Cancer Prevention</i> , 1998, 7, 149-52.	1.3	9
61	Niche definition and guidance for detailed niche evaluation. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2019, 98, 1351-1352.	2.8	8
62	Importance of transient myometrial contractions in diagnosis of adenomyosis and congenital uterine anomalies. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 57, 651-653.	1.7	8
63	Impaction After Partial Expulsion of a Neglected Pessary. <i>Obstetrics and Gynecology</i> , 2009, 114, 468-470.	2.4	7
64	Safety and efficiency of performing transvaginal ultrasound-guided tru-cut biopsy for pelvic masses. <i>Gynecologic Oncology</i> , 2021, 161, 845-851.	1.4	7
65	How to perform standardized sonographic examination of uterine niche in non-pregnant women. <i>Ultrasound in Obstetrics and Gynecology</i> , 2022, 60, 420-424.	1.7	7
66	Optimizing the ultrasound visualization of the endometrial-myometrial junction (EMJ). <i>Facts, Views & Vision in ObGyn</i> , 2015, 7, 60-3.	1.1	6
67	Hysteroscopic management of caesarean scar defects. <i>Journal of Obstetrics and Gynaecology</i> , 2022, 42, 816-822.	0.9	6
68	How to use power Doppler ultrasound in transvaginal assessment of uterine fibroids. <i>Ultrasound in Obstetrics and Gynecology</i> , 2022, 60, 277-283.	1.7	6
69	Removal of focal intracavitary lesions results in cessation of abnormal uterine bleeding in the vast majority of women. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 33, 612-613.	1.7	5
70	Ultrasound in the diagnosis of endometrial and intracavitary pathology: an update. <i>Australasian Journal of Ultrasound in Medicine</i> , 2012, 15, 7-12.	0.6	5
71	Optimizing the Histological Diagnosis of Adenomyosis Using in vitro Three-Dimensional Ultrasonography. <i>Gynecologic and Obstetric Investigation</i> , 2016, 81, 563-567.	1.6	5
72	The Risk of Endometrial Malignancy and Other Endometrial Pathology in Women with Abnormal Uterine Bleeding: An Ultrasound-Based Model Development Study by the IETA Group. <i>Gynecologic and Obstetric Investigation</i> , 2022, 87, 54-61.	1.6	5

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73	Endometrial Malignancy Missed by Office Sampling. Australian and New Zealand Journal of Obstetrics and Gynaecology, 1998, 38, 123-124.	1.0	4
74	Spontaneous haemoperitoneum in pregnancy (SHiP): take-home messages. BJOG: an International Journal of Obstetrics and Gynaecology, 2017, 124, 313-313.	2.3	4
75	Prediction of Tubal Ectopic Pregnancy Using Offline Analysis of 3D Dimensional Transvaginal Ultrasonographic Data Sets: An Interobserver and Diagnostic Accuracy Study. Journal of Ultrasound in Medicine, 2018, 37, 1467-1472.	1.7	4
76	Circulating Transcripts and Biomarkers in Uterine Tumors: Is There a Predictive Role?. Current Oncology Reports, 2020, 22, 12.	4.0	4
77	Ex abundanti cautela: From the tragedy of inadvertent sarcoma morcellation to inappropriate myoma screening. Gynecological Surgery, 2016, 13, 73-74.	0.9	3
78	Obstetrical outcome after B-Lynch sutures and ligation of uterine arteries: A case report. Case Reports in Women's Health, 2021, 30, e00303.	0.5	3
79	Guiding histological assessment of uterine lesions using 3D in vitro ultrasonography and stereotaxis. Facts, Views & Vision in ObGyn, 2017, 9, 77-84.	1.1	3
80	Risk assessment for endometrial cancer in women with abnormal vaginal bleeding: Results from the prospective IETA cohort study. International Journal of Gynecology and Obstetrics, 2022, 159, 103-110.	2.3	3
81	OC046: The addition of lidocaine to the gel used for gel infusion sonography (GIS): Effect on pain perception during GIS and subsequent hysteroscopy and endometrial sampling. Ultrasound in Obstetrics and Gynecology, 2008, 32, 257-258.	1.7	2
82	Interobserver agreement in assessment of polycystic ovarian morphology using pattern recognition. Ultrasound in Obstetrics and Gynecology, 2016, 47, 652-653.	1.7	2
83	Imaging in gynecological disease (18): clinical and ultrasound characteristics of urinary bladder malignancies. Ultrasound in Obstetrics and Gynecology, 2020, 56, 453-459.	1.7	2
84	OP08.04: Showing pictograms in electronic data capture software improves interrater agreement. Ultrasound in Obstetrics and Gynecology, 2011, 38, 78-79.	1.7	1
85	Building decision trees for diagnosing intracavitary uterine pathology. Facts, Views & Vision in ObGyn, 2009, 1, 182-8.	1.1	1
86	F11Ultrasound evaluation of the uterus after pregnancy. Ultrasound in Obstetrics and Gynecology, 2000, 16, 37-37.	1.7	0
87	OC047: Removal of focal intracavity lesions results in cessation of abnormal uterine bleeding in the vast majority of women. Ultrasound in Obstetrics and Gynecology, 2008, 32, 258-258.	1.7	0
88	OC11.01: Comparison of gel instillation sonography (GIS) with unenhanced ultrasound in the diagnosis of uterine intracavity lesions. Ultrasound in Obstetrics and Gynecology, 2009, 34, 19-19.	1.7	0
89	OC11.02: Prediction of intracavity uterine pathology at ultrasound examination using off-line analysis. Ultrasound in Obstetrics and Gynecology, 2009, 34, 19-19.	1.7	0
90	OC11.07: Endometrial thickness measurement with and without fluid contrast ultrasound. Ultrasound in Obstetrics and Gynecology, 2009, 34, 21-21.	1.7	0

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91	OC13.02: Ultrasound in the detection of rectal- and distal sigmoid involvement of deep endometriosis. Ultrasound in Obstetrics and Gynecology, 2009, 34, 24-24.	1.7	0
92	OP30.01: Interobserver agreement on reporting uterine intracavity lesions at gel infusion sonography (GIS). Ultrasound in Obstetrics and Gynecology, 2009, 34, 158-158.	1.7	0
93	OP30.08: The influence of gel-infusion on the vascularity of endometrial polyps. Ultrasound in Obstetrics and Gynecology, 2009, 34, 160-160.	1.7	0
94	OP30.09: VOCAL in the evaluation of the endometrium: a pilot study. Ultrasound in Obstetrics and Gynecology, 2009, 34, 160-160.	1.7	0
95	OC25.02: Estimating probability of cancer in patients with postmenopausal bleeding prior to ultrasonography. Validation and refinement of a prognostic model. Ultrasound in Obstetrics and Gynecology, 2010, 36, 45-45.	1.7	0
96	OP07.02: The added value of fluid instillation sonography in women with a total endometrial thickness ≥ 5 mm at transvaginal ultrasound. Ultrasound in Obstetrics and Gynecology, 2010, 36, 71-71.	1.7	0
97	OP07.04: The value of fluid instillation sonography in women under 40 years of age. Ultrasound in Obstetrics and Gynecology, 2010, 36, 71-71.	1.7	0
98	OP35.04: 2D and 3D ultrasound in the visualization of different levonorgestrel-releasing intrauterine systems and copper intrauterine devices. Ultrasound in Obstetrics and Gynecology, 2010, 36, 154-154.	1.7	0
99	P07.02: The surgical removal of residual trophoblastic tissue in case of enhanced myometrial vascularity with a peak systolic velocity > 50 cm/sec. Ultrasound in Obstetrics and Gynecology, 2010, 36, 192-192.	1.7	0
100	OC17.01: The association of patients' characteristics and bleeding pattern with uterine intracavitary pathology. Ultrasound in Obstetrics and Gynecology, 2011, 38, 31-31.	1.7	0
101	OC17.06: Clinical Data Miner (CDM)â€”a webâ€”based electronic data capture framework for multiâ€”centric studies with imaging modalities. Ultrasound in Obstetrics and Gynecology, 2011, 38, 33-33.	1.7	0
102	OP08.01: Image Study Webapp-a web interface for imaging-based interrater agreement studies. Ultrasound in Obstetrics and Gynecology, 2011, 38, 78-78.	1.7	0
103	Intrauterine fluid instillation and transtubal flow: A randomized controlled in vitro trial comparing gel and water. Journal of Medical Ultrasound, 2020, 28, 35-40.	0.4	0