

Viviane De Maertelaer

List of Publications by Year in descending order

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103
papers

6,265
citations

76326

40
h-index

69250

77
g-index

104
all docs

104
docs citations

104
times ranked

6483
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment of Osteonecrosis of the Femoral Head with Implantation of Autologous Bone-Marrow Cells. <i>Journal of Bone and Joint Surgery - Series A</i> , 2004, 86, 1153-1160.	3.0	327
2	Pulmonary Emphysema: Objective Quantification at Multi-“Detector Row CT” Comparison with Macroscopic and Microscopic Morphometry. <i>Radiology</i> , 2006, 238, 1036-1043.	7.3	306
3	Pulmonary Emphysema: Subjective Visual Grading versus Objective Quantification with Macroscopic Morphometry and Thin-Section CT Densitometry. <i>Radiology</i> , 1999, 211, 851-858.	7.3	291
4	Frontal and parietal metabolic disturbances in unipolar depression. <i>Biological Psychiatry</i> , 1994, 36, 381-388.	1.3	290
5	Autologous bone marrow cell implantation in the treatment of non-traumatic osteonecrosis of the femoral head: Five year follow-up of a prospective controlled study. <i>Bone</i> , 2011, 49, 1005-1009.	2.9	286
6	Pancreatic-fluid collections: a randomized controlled trial regarding stent removal after endoscopic transmural drainage. <i>Gastrointestinal Endoscopy</i> , 2007, 65, 609-619.	1.0	263
7	Treatment for painful calcified chronic pancreatitis: extracorporeal shock wave lithotripsy versus endoscopic treatment: a randomised controlled trial. <i>Gut</i> , 2007, 56, 545-552.	12.1	248
8	Quantitative diffusion imaging in breast cancer: A clinical prospective study. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 24, 319-324.	3.4	227
9	Low-Dose Unenhanced Multidetector CT of Patients with Suspected Renal Colic. <i>American Journal of Roentgenology</i> , 2003, 180, 305-311.	2.2	204
10	No Evidence for the Benefit of Gonadotropin-Releasing Hormone Agonist in Preserving Ovarian Function and Fertility in Lymphoma Survivors Treated With Chemotherapy: Final Long-Term Report of a Prospective Randomized Trial. <i>Journal of Clinical Oncology</i> , 2016, 34, 2568-2574.	1.6	199
11	Accuracy of MDCT in Predicting Site of Gastrointestinal Tract Perforation. <i>American Journal of Roentgenology</i> , 2006, 187, 1179-1183.	2.2	195
12	Pulmonary Emphysema: Radiation Dose and Section Thickness at Multidetector CT Quantification” Comparison with Macroscopic and Microscopic Morphometry. <i>Radiology</i> , 2007, 243, 250-257.	7.3	186
13	Dose Reduction in Multidetector CT Using Attenuation-Based Online Tube Current Modulation. <i>American Journal of Roentgenology</i> , 2003, 181, 331-334.	2.2	145
14	Prediction of Severity of Symptoms in Iatrogenic Ovarian Hyperstimulation Syndrome by Follicle-Stimulating Hormone Receptor Ser680Asn Polymorphism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 6310-6315.	3.6	127
15	Endoscopic implantation of a biopolymer in the lower esophageal sphincter for gastroesophageal reflux: A pilot study. <i>Gastrointestinal Endoscopy</i> , 2002, 55, 335-341.	1.0	115
16	Acute Appendicitis: Comparison of Low-Dose and Standard-Dose Unenhanced Multi-“Detector Row CT. <i>Radiology</i> , 2004, 232, 164-172.	7.3	104
17	Suspected Acute Colon Diverticulitis: Imaging with Low-Dose Unenhanced Multi-“Detector Row CT. <i>Radiology</i> , 2005, 237, 189-196.	7.3	102
18	Comparison of US and Unenhanced Multi-“Detector Row CT in Patients Suspected of having Acute Appendicitis. <i>Radiology</i> , 2005, 236, 527-534.	7.3	95

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19	Early inflammatory response after elective abdominal aortic aneurysm repair: A comparison between endovascular procedure and conventional surgery. <i>Journal of Vascular Surgery</i> , 2000, 32, 234-246.	1.1	85
20	Brain glucose metabolism in eating disorders assessed by positron emission tomography. , 1999, 25, 29-37.		82
21	Multi-â€œDetector Row CT Pulmonary Angiography: Comparison of Standard-Dose and Simulated Low-Dose Techniques. <i>Radiology</i> , 2005, 236, 318-325.	7.3	78
22	The Number of X Chromosomes Influences Inflammatory Cytokine Production Following Toll-Like Receptor Stimulation. <i>Frontiers in Immunology</i> , 2019, 10, 1052.	4.8	76
23	Comparison Between Low-Dose and Standard-Dose Multidetector CT in Patients with Suspected Chronic Sinusitis. <i>American Journal of Roentgenology</i> , 2003, 181, 939-944.	2.2	70
24	Inefficacy of autologous bone marrow concentrate in stage three osteonecrosis: a randomized controlled double-blind trial. <i>International Orthopaedics</i> , 2018, 42, 1429-1435.	1.9	68
25	Intraductal optical coherence tomography during endoscopic retrograde cholangiopancreatography for investigation of biliary strictures. <i>Endoscopy</i> , 2009, 41, 696-701.	1.8	67
26	MDCT for Suspected Acute Appendicitis in Adults: Impact of Oral and IV Contrast Media at Standard-Dose and Simulated Low-Dose Techniques. <i>American Journal of Roentgenology</i> , 2009, 193, 1272-1281.	2.2	65
27	Efficacy of tetracyclines in the treatment of acne vulgaris: a review. <i>British Journal of Dermatology</i> , 2007, 158, 071106220718013-???	1.5	64
28	Pulmonary Emphysema: Size Distribution of Emphysematous Spaces on Multidetector CT Imagesâ€œComparison with Macroscopic and Microscopic Morphometry. <i>Radiology</i> , 2008, 248, 1036-1041.	7.3	63
29	Air Trapping: Comparison of Standard-Dose and Simulated Low-Dose Thin-Section CT Techniques. <i>Radiology</i> , 2007, 242, 898-906.	7.3	58
30	Tolerance and Efficacy of Gemcitabine and Gemcitabine-Based Regimens in Elderly Patients With Advanced Pancreatic Cancer. <i>Pancreas</i> , 2008, 36, e16-e21.	1.1	58
31	Impact of lung volume on MR signal intensity changes of the lung parenchyma. <i>Journal of Magnetic Resonance Imaging</i> , 2004, 20, 961-966.	3.4	57
32	Correlations Between Clinical Presentations of Adult Trigger Digits and Histologic Aspects of the A1 Pulley. <i>Journal of Hand Surgery</i> , 2009, 34, 1429-1435.	1.6	56
33	Assessment of Environmental Asbestos Exposure in Turkey by Bronchoalveolar Lavage. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1998, 158, 1815-1824.	5.6	54
34	Predictive Factors for Pancreatic Cancer in Patients with Chronic Pancreatitis in Association with K-rasGene Mutation. <i>Endoscopy</i> , 2004, 36, 535-542.	1.8	53
35	The apoptosis of osteoblasts and osteocytes in femoral head osteonecrosis: its specificity and its distribution. <i>Clinical Rheumatology</i> , 2014, 33, 1791-1795.	2.2	52
36	Brain glucose metabolism in anorexia nervosa and affective disorders: influence of weight loss or depressive symptomatology. <i>Psychiatry Research - Neuroimaging</i> , 1997, 74, 83-92.	1.8	48

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37	Pancreatic Perfusion: Noninvasive Quantitative Assessment with Dynamic Contrast-enhanced MR Imaging without and with Secretin Stimulation in Healthy Volunteersâ€”Initial Results. <i>Radiology</i> , 2008, 247, 115-121.	7.3	48
38	Temporal regulation of ephrin/Eph signalling is required for the spatial patterning of the mammalian striatum. <i>Development (Cambridge)</i> , 2008, 135, 3281-3290.	2.5	48
39	Two Consecutive Standardized Skin Surface Biopsies: An Improved Sampling Method to Evaluate Demodex Density as a Diagnostic Tool for Rosacea and Demodicosis. <i>Acta Dermato-Venereologica</i> , 2017, 97, 242-248.	1.3	48
40	Should determination of the karyotype be systematic for all malformations detected by obstetrical ultrasound?. <i>Prenatal Diagnosis</i> , 2005, 25, 567-573.	2.3	46
41	Dentocraniofacial Morphology of 21 Patients with Unilateral Cleft Lip and Palate: A Cephalometric Study. <i>Cleft Palate-Craniofacial Journal</i> , 2005, 42, 618-624.	0.9	45
42	Curettage treatment for molluscum contagiosum: a follow-up survey study. <i>British Journal of Dermatology</i> , 2008, 159, 1144-7.	1.5	44
43	Micronodules and emphysema in coal mine dust or silica exposure: relation with lung function. <i>European Respiratory Journal</i> , 1998, 12, 1020-1024.	6.7	41
44	Erionite bodies and fibres in bronchoalveolar lavage fluid (BALF) of residents from Tuzkoy, Cappadocia, Turkey. <i>Occupational and Environmental Medicine</i> , 2001, 58, 261-266.	2.8	40
45	Efficiency of Quantitative Ultrasound Measurements as Compared with Dual-Energy X-ray Absorptiometry in the Assessment of Corticosteroid-Induced Bone Impairment. <i>Osteoporosis International</i> , 1999, 10, 278-283.	3.1	39
46	Silicosis: Expiratory Thin-Section CT Assessment of Airway Obstruction. <i>Radiology</i> , 2005, 236, 1059-1066.	7.3	34
47	Gender Differences in Language and Motor-Related Fibers in a Population of Healthy Preterm Neonates at Term-Equivalent Age: A Diffusion Tensor and Probabilistic Tractography Study. <i>American Journal of Neuroradiology</i> , 2011, 32, 2011-2016.	2.4	34
48	Quantitative ultrasound and dual X-ray absorptiometry measurements of the calcaneus in patients on maintenance hemodialysis. <i>Bone</i> , 2000, 27, 287-292.	2.9	32
49	The anatomical distribution of radiological abnormalities in Kashin-Beck disease in Tibet. <i>International Orthopaedics</i> , 2001, 25, 142-146.	1.9	32
50	Aneurysmal sizing after endovascular repair in patients with abdominal aortic aneurysm: interobserver variability of various measurement protocols and its clinical relevance. <i>European Radiology</i> , 2003, 13, 2699-2704.	4.5	31
51	Multidetector CT radiation dose optimisation in adults: short- and long-term effects of a clinical audit. <i>European Radiology</i> , 2014, 24, 169-175.	4.5	31
52	Papulopustular rosacea and rosaceaâ€”like demodicosis: two phenotypes of the same disease?. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2018, 32, 1011-1016.	2.4	31
53	Predictive value of electrophysiology in children with hypoxic coma. <i>Pediatric Neurology</i> , 2003, 28, 178-183.	2.1	30
54	Comparison between two hand-held autorefractors: the Sure-Sight and the Retinomax. <i>Strabismus</i> , 2004, 12, 261-274.	0.7	29

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55	Species specific thyroid signal transduction: Conserved physiology, divergent mechanisms. <i>Molecular and Cellular Endocrinology</i> , 2010, 319, 56-62.	3.2	29
56	Effects of physical environment on the evolution of Kashin-Beck disease in Tibet. <i>International Orthopaedics</i> , 2009, 33, 1085-1088.	1.9	28
57	Homoeopathic remedies in dermatology: a systematic review of controlled clinical trials. <i>British Journal of Dermatology</i> , 2011, 165, 897-905.	1.5	28
58	Increased angiotensin II in ascites during severe ovarian hyperstimulation syndrome: role of early pregnancy and ovarian gonadotropin stimulation. <i>Fertility and Sterility</i> , 1997, 67, 1038-1045.	1.0	26
59	Multidetector CT in Patients Suspected of Having Lumbar Disk Herniation: Comparison of Standard-Dose and Simulated Low-Dose Techniques. <i>Radiology</i> , 2007, 244, 524-531.	7.3	24
60	White Matter Abnormalities Are Related to Microstructural Changes in Preterm Neonates at Term-Equivalent Age: A Diffusion Tensor Imaging and Probabilistic Tractography Study. <i>American Journal of Neuroradiology</i> , 2012, 33, 839-845.	2.4	24
61	Treatment of rosacea and demodicosis with benzyl benzoate: effects of different doses on Demodex density and clinical symptoms. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2020, 34, 365-369.	2.4	24
62	Air Trapping in Heart-Lung Transplant Recipients: Variability of Anatomic Distribution and Extent at Sequential Expiratory Thin-Section CT. <i>Radiology</i> , 2003, 229, 737-742.	7.3	23
63	Effect of topical corneal anaesthesia on ocular response analyzer parameters: pilot study. <i>International Ophthalmology</i> , 2009, 29, 325-328.	1.4	23
64	A prospective cohort study of the clinical presentation of non-traumatic osteonecrosis of the femoral head: spine and knee symptoms as clinical presentation of hip osteonecrosis. <i>International Orthopaedics</i> , 2016, 40, 1347-1351.	1.9	23
65	Anthropometry and clinical features of Kashin-Beck disease in central Tibet. <i>International Orthopaedics</i> , 2001, 25, 138-141.	1.9	22
66	Effects of physical therapy on patients with Kashin-Beck disease in Tibet. <i>International Orthopaedics</i> , 2001, 25, 191-193.	1.9	22
67	Erythematotelangiectatic rosacea may be associated with a subclinical stage of demodicosis: a case-control study. <i>British Journal of Dermatology</i> , 2019, 181, 818-825.	1.5	22
68	Evaluation of Quantitative Ultrasound and Dual X-Ray Absorptiometry Measurements in Women With and Without Fractures. <i>Journal of Clinical Densitometry</i> , 1999, 2, 127-133.	1.2	19
69	Increased expression of high but not low molecular weight heat shock proteins in resectable lung carcinoma. <i>Lung Cancer</i> , 2001, 33, 59-67.	2.0	19
70	Elastase-induced Pulmonary Emphysema in Rats: Comparison of Computed Density and Microscopic Morphometry. <i>Radiology</i> , 2006, 241, 763-770.	7.3	19
71	Systemic treatments for cutaneous warts: A systematic review. <i>Journal of Dermatological Treatment</i> , 2012, 23, 72-77.	2.2	19
72	Digenic inheritance of human primary microcephaly delineates centrosomal and non-centrosomal pathways. <i>Human Mutation</i> , 2020, 41, 512-524.	2.5	19

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73	High leg motor activity in sleep apnea hypopnea patients: efficacy of clonazepam combined with nasal CPAP on polysomnographic variables. <i>Respiratory Medicine</i> , 2002, 96, 693-699.	2.9	18
74	Human Cytomegalovirus Seroprevalence and Risk of Seroconversion in a Fertility Clinic Population. <i>Obstetrics and Gynecology</i> , 2009, 114, 285-291.	2.4	17
75	Trends in asbestos body counts in bronchoalveolar lavage fluid over two decades. <i>European Respiratory Journal</i> , 2003, 22, 519-524.	6.7	15
76	Did Osteoblastic Cell Therapy Improve the Prognosis of Pre-fracture Osteonecrosis of the Femoral Head? A Randomized, Controlled Trial. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 1307-1315.	1.5	15
77	Subjective differentiation of normal and pathological bronchi on thin-section CT: impact of observer training. <i>European Respiratory Journal</i> , 1999, 13, 781.	6.7	14
78	The evaluation by magnetic resonance imaging of hepatic periportal fibrosis in infants with neonatal cholestasis: Preliminary report. <i>Journal of Pediatric Surgery</i> , 2002, 37, 1128-1133.	1.6	14
79	Normal Appendix in Adults: Reproducibility of Detection with Unenhanced and Contrast-Enhanced MDCT. <i>American Journal of Roentgenology</i> , 2008, 191, 507-514.	2.2	14
80	Transverse maxillary stability assisted by a transpalatal device: A retrospective pilot study of 9 cases. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2009, 38, 937-941.	1.5	14
81	Which factors influence Demodex proliferation? A retrospective pilot study highlighting a possible role of subtle immune variations and sebaceous gland status. <i>Journal of Dermatology</i> , 2021, 48, 1210-1220.	1.2	14
82	Optimised z-axis coverage at multidetector-row CT in adults suspected of acute appendicitis. <i>British Journal of Radiology</i> , 2013, 86, 20130115.	2.2	13
83	Colonoscopic Findings in Patients With Incidental Colonic Focal FDG Uptake. <i>American Journal of Roentgenology</i> , 2015, 204, W586-W591.	2.2	13
84	Rosacea-like demodicosis and papulopustular rosacea may be two phenotypes of the same disease, and pityriasis folliculorum may be their precursor: response to the comment of Tatu. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2019, 33, e47-e48.	2.4	13
85	Diagnostic Indicators of Rosacea and Demodicosis. <i>Acta Dermato-Venereologica</i> , 2018, 99, 47-52.	1.3	11
86	Effectiveness of benzyl benzoate treatment on clinical symptoms and Demodex density over time in patients with rosacea and demodicosis: a real life retrospective follow-up study comparing low- and high-dose regimens. <i>Journal of Dermatological Treatment</i> , 2022, 33, 456-465.	2.2	11
87	Inefficacy of the cementation of femoral head collapse in glucocorticoid-induced osteonecrosis. <i>International Orthopaedics</i> , 2009, 33, 639-642.	1.9	10
88	Cystic Fibrosis: Unenhanced CT Description of the Appendix in Asymptomatic Adults. <i>American Journal of Roentgenology</i> , 2014, 202, 759-764.	2.2	10
89	Methylprednisolone-Induced Lymphocytosis in Patients with Immune-Mediated Inflammatory Disorders. <i>American Journal of Medicine</i> , 2016, 129, 746-752.e3.	1.5	10
90	CPAP with algorithm-based versus titrated pressure: A randomized study. <i>Sleep Medicine</i> , 2009, 10, 988-992.	1.6	9

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91	Effect of calcium and vitamin D on growth, rickets and Kashinâ€“Beck disease in 0â€“to 5â€“yearâ€“old children in a rural area of central Tibet. Tropical Medicine and International Health, 2016, 21, 768-775.	2.3	9
92	Severity of Acute Gallstone Pancreatitis in Patients with Pancreas Divisum. Endoscopy, 2003, 35, 407-410.	1.8	8
93	Relationship between the extent of deep venous thrombosis and the extent of acute pulmonary embolism as assessed by CT angiography. British Journal of Radiology, 2009, 82, 198-203.	2.2	8
94	Peripheral Blood Mononuclear Cell Proliferation to Heat Shock Proteinâ€“70 Derived from Autologous Lung Carcinoma. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 749-753.	5.6	6
95	Nutritional Status and Antiprotease Therapy. Journal of Acquired Immune Deficiency Syndromes, 1998, 18, 393-394.	0.3	5
96	Radiographic diagnosis of rotator cuff tear based on the supraspinatus muscle radiodensity. Skeletal Radiology, 2001, 30, 31-38.	2.0	5
97	Tuning of automatic exposure control strength in lumbar spine CT. British Journal of Radiology, 2014, 87, 20130707.	2.2	5
98	Reduced z-axis coverage in multidetector-row CT pulmonary angiography decreases radiation dose and diagnostic accuracy of alternative diseases. British Journal of Radiology, 2014, 87, 20130546.	2.2	5
99	Value of the â€œspine signâ€“on lateral chest views. British Journal of Radiology, 2015, 88, 20140378.	2.2	5
100	Screening for Amblyogenic Factors in Preschool Children with the Retinomax Hand-Held Refractor: Do Positive Children Have Amblyopia and Is Treatment Efficacious?. Strabismus, 2005, 13, 27-32.	0.7	4
101	Authorsâ€™ Response: FSH Receptor Polymorphism and Iatrogenic Ovarian Hyperstimulation. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 4978-4979.	3.6	2
102	Effects of Irradiation and Methyl-Triazene on Craniofacial Development in Mouse Embryos: A Semiautomated Morphometric Analysis. Cleft Palate-Craniofacial Journal, 1998, 35, 342-350.	0.9	1
103	Reply to M. Lambertini et al. Journal of Clinical Oncology, 2017, 35, 805-806.	1.6	1