Yskert Von Kodolitsch

List of Publications by Citations

113 papers	4,842 citations	27 h-index	68 g-index
117 ext. papers	5,539 ext. citations	4.9 avg, IF	4.83 L-index

#	Paper	IF	Citations
113	Nonsurgical reconstruction of thoracic aortic dissection by stent-graft placement. *New England Journal of Medicine*, **1999**, 340, 1539-45	59.2	874
112	The diagnosis of thoracic aortic dissection by noninvasive imaging procedures. *New England Journal of Medicine*, **1993**, 328, 1-9	59.2	783
111	Intramural hemorrhage of the thoracic aorta. Diagnostic and therapeutic implications. *Circulation*, **1995**, 92, 1465-72	16.7	344
110	Intramural hematoma of the aorta: predictors of progression to dissection and rupture. *Circulation*, **2003**, 107, 1158-63	16.7	266
109	Clinical prediction of acute aortic dissection. *Archives of Internal Medicine*, **2000**, 160, 2977-82		243
108	Predictors of aneurysmal formation after surgical correction of aortic coarctation. *Journal of the American College of Cardiology*, **2002**, 39, 617-24	15.1	192
107	Importance of dural ectasia in phenotypic assessment of Marfan's syndrome. *Lancet, The*, **1999**, 354, 910-3	40	176
106	Chest radiography for the diagnosis of acute aortic syndrome. *American Journal of Medicine*, **2004**, 116, 73-7	2.4	139
105	International Registry of Patients Carrying TGFBR1 or TGFBR2 Mutations: Results of the MAC (Montalcino Aortic Consortium). *Circulation: Cardiovascular Genetics*, **2016**, 9, 548-558		105
104	Marfan syndrome: an update of genetics, medical and surgical management. *Heart*, **2007**, 93, 755-60	5.1	91
103	Perspectives on the revised Ghent criteria for the diagnosis of Marfan syndrome. *The Application of Clinical Genetics*, **2015**, 8, 137-55	3.1	88
102	Identification of 29 novel and nine recurrent fibrillin-1 (FBN1) mutations and genotype-phenotype correlations in 76 patients with Marfan syndrome. *Human Mutation*, **2005**, 26, 529-39	4.7	82
101	Branched versus fenestrated endografts for endovascular repair of aortic arch lesions. *Journal of Vascular Surgery*, **2016**, 64, 592-9	3.5	82
100	Tissue Doppler imaging identifies myocardial dysfunction in adults with Marfan syndrome. *Clinical Cardiology*, **2007**, 30, 19-24	3.3	73
99	Frequency and age-related course of mitral valve dysfunction in the Marfan syndrome. *American Journal of Cardiology*, **2010**, 106, 1048-53	3	64
98	The spectrum of syndromes and manifestations in individuals screened for suspected Marfan syndrome. *American Journal of Medical Genetics, Part A*, **2008**, 146A, 3157-66	2.5	54
97	Frequency of sleep apnea in adults with the Marfan syndrome. *American Journal of Cardiology*, **2010**, 105, 1836-41	3	41

96	Augmentation index relates to progression of aortic disease in adults with Marfan syndrome. *American Journal of Hypertension*, **2009**, 22, 971-9	2.3	40
95	Prospective risk stratification of sudden cardiac death in Marfan's syndrome. *International Journal of Cardiology*, **2013**, 167, 2539-45	3.2	39
94	Observational cohort study of ventricular arrhythmia in adults with Marfan syndrome caused by FBN1 mutations. *PLoS ONE*, **2013**, 8, e81281	3.7	36
93	Single-center experience with an inner branched arch endograft. *Journal of Vascular Surgery*, **2019**, 69, 977-985.e1	3.5	33
92	Predictors of outcome of mitral valve prolapse in patients with the Marfan syndrome. *American Journal of Cardiology*, **2011**, 107, 268-74	3	32
91	The role of the multidisciplinary health care team in the management of patients with Marfan syndrome. *Journal of Multidisciplinary Healthcare*, **2016**, 9, 587-614	2.8	30
90	Features of Marfan syndrome not listed in the Ghent nosology - the dark side of the disease. *Expert Review of Cardiovascular Therapy*, **2019**, 17, 883-915	2.5	30
89	Impact of age and gender on cardiac pathology in children and adolescents with Marfan syndrome. *Pediatric Cardiology*, **2013**, 34, 991-8	2.1	29
88	Comparison of conventional and transesophageal echocardiography with magnetic resonance imaging for anatomical mapping of thoracic aortic dissection. A dual noninvasive imaging study with anatomical and/or angiographic validation. *International Journal of Cardiovascular Imaging*, **1994**, 10, 1-14		29
87	Antagonism of GxxPG fragments ameliorates manifestations of aortic disease in Marfan syndrome mice. *Human Molecular Genetics*, **2013**, 22, 433-43	5.6	28
86	Retrospective analysis of the effect of angiotensin II receptor blocker versus -blocker on aortic root growth in paediatric patients with Marfan syndrome. *Heart*, **2014**, 100, 214-8	5.1	27
85	Total serum transforming growth factor-1 is elevated in the entire spectrum of genetic aortic syndromes. *Clinical Cardiology*, **2014**, 37, 672-9	3.3	27
84	The main pulmonary artery in adults: a controlled multicenter study with assessment of echocardiographic reference values, and the frequency of dilatation and aneurysm in Marfan syndrome. *Orphanet Journal of Rare Diseases*, **2014**, 9, 203	4.2	26
83	Induction of macrophage chemotaxis by aortic extracts from patients with Marfan syndrome is related to elastin binding protein. *PLoS ONE*, **2011**, 6, e20138	3.7	26
82	Diagnosis and management of Marfan syndrome. *Future Cardiology*, **2008**, 4, 85-96	1.3	24
81	Exact monitoring of aortic diameters in Marfan patients without gadolinium contrast: intraindividual comparison of 2D SSFP imaging with 3D CE-MRA and echocardiography. *European Radiology*, **2015**, 25, 872-82	8	23
80	Heart rate turbulence and deceleration capacity for risk prediction of serious arrhythmic events in Marfan syndrome. *Clinical Research in Cardiology*, **2015**, 104, 1054-63	6.1	23
79	Comparison of aortic root replacement in patients with Marfan syndrome. *European Journal of Cardio-thoracic Surgery*, **2011**, 40, 1052-7	3	23

78	Inpatient rehabilitation for adult patients with Marfan syndrome: an observational pilot study. *Orphanet Journal of Rare Diseases*, **2017**, 12, 127	4.2	22
77	Evaluating the quality of Marfan genotype-phenotype correlations in existing FBN1 databases. *Genetics in Medicine*, **2017**, 19, 772-777	8.1	21
76	Assessment of aortic root dimensions in patients with suspected Marfan syndrome: intraindividual comparison of contrast-enhanced and non-contrast magnetic resonance angiography with echocardiography. *International Journal of Cardiology*, **2013**, 167, 190-6	3.2	21
75	Comparison of heteroduplex analysis, direct sequencing, and enzyme mismatch cleavage for detecting mutations in a large gene, FBN1. *Human Mutation*, **1999**, 14, 440-6	4.7	21
74	Ascending aortic aneurysm and aortic valve dysfunction in bicuspid aortic valve disease. *International Journal of Cardiology*, **2013**, 164, 301-5	3.2	20
73	Morphologic and Functional Markers of Aortopathy in Patients With Bicuspid Aortic Valve Insufficiency Versus Stenosis. *Annals of Thoracic Surgery*, **2017**, 103, 49-57	2.7	19
72	Analysis of Strengths, Weaknesses, Opportunities, and Threats as a Tool for Translating Evidence into Individualized Medical Strategies (I-SWOT). *Aorta*, **2015**, 3, 98-107	0.9	19
71	Augmentation index and the evolution of aortic disease in marfan-like syndromes. *American Journal of Hypertension*, **2010**, 23, 716-24	2.3	19
70	Vascular type Ehlers-Danlos syndrome is associated with platelet dysfunction and low vitamin D serum concentration. *Orphanet Journal of Rare Diseases*, **2016**, 11, 111	4.2	19
69	Improving medical care and prevention in adults with congenital heart disease-reflections on a global problem-part I: development of congenital cardiology, epidemiology, clinical aspects, heart failure, cardiac arrhythmia. *Cardiovascular Diagnosis and Therapy*, **2018**, 8, 705-715	2.6	19
68	Acute Type A Aortic Dissection Treated Using a Tubular Stent-Graft in the Ascending Aorta and a Multibranched Stent-Graft in the Aortic Arch. *Journal of Endovascular Therapy*, **2017**, 24, 75-80	2.5	18
67	The Kid-Short Marfan Score (Kid-SMS) - an easy executable risk score for suspected paediatric patients with Marfan syndrome. *Acta Paediatrica, International Journal of Paediatrics*, **2013**, 102, e84-9	3.1	17
66	Next-generation sequencing of 32 genes associated with hereditary aortopathies and related disorders of connective tissue in a cohort of 199 patients. *Genetics in Medicine*, **2019**, 21, 1832-1841	8.1	16
65	Simplified frozen elephant trunk technique for combined open and endovascular treatment of extensive aortic diseases. *European Journal of Cardio-thoracic Surgery*, **2019**, 56, 738-745	3	15
64	Periodontal conditions in patients with Marfan syndrome - a multicenter case control study. *BMC Oral Health*, **2013**, 13, 59	3.7	15
63	Bicuspid aortic valve and aortic coarctation in congenital heart disease-important aspects for treatment with focus on aortic vasculopathy. *Cardiovascular Diagnosis and Therapy*, **2018**, 8, 780-788	2.6	15
62	The importance of genetic testing in the clinical management of patients with Marfan syndrome and related disorders. *Deutsches Ärzteblatt International*, **2008**, 105, 483-91	2.5	14
61	A 1-bp duplication in TGFB2 in three family members with a syndromic form of thoracic aortic aneurysm. *European Journal of Human Genetics*, **2014**, 22, 944-8	5.3	13

60	A multi-institutional experience in the aortic and arterial pathology in individuals with genetically confirmed vascular Ehlers-Danlos syndrome. *Journal of Vascular Surgery*, **2019**, 70, 1543-1554	3.5	12
59	FBN1 gene mutation characteristics and clinical features for the prediction of mitral valve disease progression. *International Journal of Cardiology*, **2013**, 168, 953-9	3.2	12
58	Indomethacin Prevents the Progression of Thoracic Aortic Aneurysm in Marfan Syndrome Mice. *Aorta*, **2013**, 1, 5-12	0.9	12
57	4D flow cardiovascular magnetic resonance for monitoring of aortic valve repair in bicuspid aortic valve disease. *Journal of Cardiovascular Magnetic Resonance*, **2020**, 22, 29	6.9	11
56	Cardiovascular Aspects of the Marfan Syndrome: A Systematic Review **2004**, 45-69		11
55	Non-contrast MR angiography at 1.5 Tesla for aortic monitoring in Marfan patients after aortic root surgery. *Journal of Cardiovascular Magnetic Resonance*, **2017**, 19, 82	6.9	10
54	Diagnostic accuracy study of routine echocardiography for bicuspid aortic valve: a retrospective study and meta-analysis. *Cardiovascular Diagnosis and Therapy*, **2017**, 7, 367-379	2.6	10
53	Maximizing therapeutic success: The key concepts of individualized medical strategy (IMS). *Cogent Medicine*, **2015**, 2, 1109742	1.4	10
52	The economic impact of Marfan syndrome: a non-experimental, retrospective, population-based matched cohort study. *Orphanet Journal of Rare Diseases*, **2014**, 9, 90	4.2	10
51	Central pulse pressure and augmentation index in asymptomatic bicuspid aortic valve disease. *International Journal of Cardiology*, **2011**, 147, 466-8	3.2	10
50	Warfarin anticoagulation in acute type A aortic dissection survivors (WATAS). *Cardiovascular Diagnosis and Therapy*, **2017**, 7, 559-571	2.6	10
49	Marfan Syndrome and Related Heritable Thoracic Aortic Aneurysms and Dissections. *Current Pharmaceutical Design*, **2015**, 21, 4061-75	3.3	10
48	Mitral valve prolapse syndrome and MASS phenotype: Stability of aortic dilatation but progression of mitral valve prolapse. *IJC Heart and Vasculature*, **2016**, 10, 39-46	2.4	10
47	Case-matched Comparison of Cardiovascular Outcome in Loeys-Dietz Syndrome versus Marfan Syndrome. *Journal of Clinical Medicine*, **2019**, 8,	5.1	9
46	A multi-institutional experience in vascular Ehlers-Danlos syndrome diagnosis. *Journal of Vascular Surgery*, **2020**, 71, 149-157	3.5	9
45	Results of modern mitral valve repair in patients with Marfan syndrome. *Thoracic and Cardiovascular Surgeon*, **2014**, 62, 35-41	1.6	8
44	First implantation of Gore Hybrid Vascular Graft in the right vertebral artery for cerebral debranching in a patient with Loeys-Dietz syndrome. *Journal of Vascular Surgery*, **2015**, 61, 793-5	3.5	7
43	Branched endografts in the aortic arch following open repair for DeBakey Type I aortic dissection. *European Journal of Cardio-thoracic Surgery*, **2018**, 54, 517-523	3	7

42	The Value of Circulating Biomarkers in Bicuspid Aortic Valve-Associated Aortopathy. *Thoracic and Cardiovascular Surgeon*, **2018**, 66, 278-286	1.6	7
41	Myocardial Function, Heart Failure and Arrhythmia in Marfan Syndrome: A Systematic Literature Review. *Diagnostics*, **2020**, 10,	3.8	7
40	Genotype-Phenotype Correlation in Children: The Impact of Variants on Pediatric Marfan Care. *Genes*, **2020**, 11,	4.2	7
39	Current and Emerging Imaging Techniques in Patients with Genetic Aortic Syndromes. *RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren*, **2020**, 192, 50-58	2.3	7
38	Improving medical care and prevention in adults with congenital heart disease-reflections on a global problem-part II: infective endocarditis, pulmonary hypertension, pulmonary arterial hypertension and aortopathy. *Cardiovascular Diagnosis and Therapy*, **2018**, 8, 716-724	2.6	6
37	Ocular manifestation in Marfan syndrome: corneal biomechanical properties relate to increased systemic score points. *Graefes Archive for Clinical and Experimental Ophthalmology*, **2018**, 256, 1159-1163	3.8	5
36	The transition of pediatric Marfan patients to adult care: a challenge and its risks. *Cardiovascular Diagnosis and Therapy*, **2018**, 8, 698-704	2.6	5
35	Supportive care needs of patients with rare chronic diseases: multi-method, cross-sectional study. *Orphanet Journal of Rare Diseases*, **2021**, 16, 44	4.2	5
34	When Should Surgery Be Performed in Marfan Syndrome and Other Connective Tissue Disorders to Protect Against Type A Dissection? **2014**, 17-47		5
33	Ambulatory (24 h) blood pressure and arterial stiffness measurement in Marfan syndrome patients: a case control feasibility and pilot study. *BMC Cardiovascular Disorders*, **2016**, 16, 81	2.3	4
32	Primary aorto-enteric fistula as a rare cause of massive gastrointestinal haemorrhage. *Vasa - European Journal of Vascular Medicine*, **2017**, 46, 425-430	1.9	4
31	Economic and care considerations of Marfan syndrome. *Expert Review of Pharmacoeconomics and Outcomes Research*, **2016**, 16, 591-598	2.2	4
30	Interpretation of sequence variants of the FBN1 gene: analog or digital? A commentary on decreased frequency of FBN1 missense variants in Ghent criteria-positive Marfan syndrome and characterization of novel FBN1 variants. *Journal of Human Genetics*, **2015**, 60, 465-6	4.3	3
29	Pulse wave analysis of the aortic pressure waveform in patients with vasovagal syncope. *Heart and Vessels*, **2016**, 31, 74-9	2.1	3
28	The CatLet score and outcome prediction in acute myocardial infarction for patients undergoing primary percutaneous intervention: A proof-of-concept study. *Catheterization and Cardiovascular Interventions*, **2020**, 96, E220-E229	2.7	3
27	Reliability of non-contrast magnetic resonance angiography-derived aortic diameters in Marfan patients: comparison of inner vs. outer vessel wall measurements. *International Journal of Cardiovascular Imaging*, **2020**, 36, 1533-1542	2.5	3
26	Complete Antegrade Transapical Deployment of a Branched Aortic Arch Endograft: A Porcine Feasibility Study. *Journal of Endovascular Therapy*, **2016**, 23, 493-500	2.5	3
25	Predictors of Proximal Aortic Dissection at the Time of Aortic Valve Replacement. *Circulation*, **1999**, 100,	16.7	3

24	The CatLet score: a new coronary angiographic scoring tool accommodating the variable coronary anatomy for the first time. *Journal of Thoracic Disease*, **2019**, 11, 5199-5209	2.6	3
23	Pregnancy in adults with congenital heart disease. *Cardiovascular Diagnosis and Therapy*, **2019**, 9, S416-S423	2.6	3
22	Aortic valve repair in adult congenital heart disease. *Cardiovascular Diagnosis and Therapy*, **2018**, 8, 789-796	2.6	3
21	Bicuspid Aortic Valve **2017**, 229-256		2
20	Marfan Syndrome Versus Bicuspid Aortic Valve Disease: Comparative Analysis of Obstetric Outcome and Pregnancy-Associated Immediate and Long-Term Aortic Complications. *Journal of Clinical Medicine*, **2020**, 9,	5.1	2
19	Diseases of the aorta. *Cardiology Clinics*, **1998**, 16, 295-314	2.5	2
18	Heart failure in adults with congenital heart disease: a narrative review. *Cardiovascular Diagnosis and Therapy*, **2021**, 11, 529-537	2.6	2
17	Kid-Short Marfan Score (Kid-SMS) Is a Useful Diagnostic Tool for Stratifying the Pre-Test Probability of Marfan Syndrome in Childhood. *Diseases (Basel, Switzerland)*, **2015**, 3, 24-33	4.4	1
16	Body Image in Patients with Marfan Syndrome. *Journal of Clinical Medicine*, **2020**, 9,	5.1	1
15	Outcome of pregnancy in a contemporary cohort of adults with congenital heart disease-a 10-year, single-center experience.. *Cardiovascular Diagnosis and Therapy*, **2021**, 11, 1344-1355	2.6	1
14	Tricuspid valve prolapse as an early predictor for severe phenotype in children with Marfan syndrome.. *Acta Paediatrica, International Journal of Paediatrics*, **2022**,	3.1	1
13	Intraindividual comparison of 1.5 T and 3 T non-contrast MR angiography for monitoring of aortic root diameters in Marfan patients. *International Journal of Cardiology*, **2021**, 337, 119-126	3.2	0
12	Expanding the clinical spectrum of COL2A1 related disorders by a mass like phenotype.. *Scientific Reports*, **2022**, 12, 4489	4.9	0
11	Safety and Effectiveness of TEVAR in Native Proximal Landing Zone 2 for Chronic Type B Aortic Dissection in Patients With Genetic Aortic Syndrome.. *Journal of Endovascular Therapy*, **2021**, 15266028211061276	2.5	0
10	Arrhythmia and impaired myocardial function in heritable thoracic aortic disease: An international retrospective cohort study.. *European Journal of Medical Genetics*, **2022**, 104503	2.6	0
9	Aortopathies: Clinical Manifestation **2017**, 41-58		
8	Open repair of an aortic aneurysm in a patient with Loeys-Dietz syndrome using Gore hybrid vascular branch grafts. *Journal of Vascular Surgery Cases*, **2015**, 1, 69-72		
7	Magnetic resonance angiography derived predictors of progressive dilatation and surgery of the aortic root in Marfan syndrome.. *PLoS ONE*, **2022**, 17, e0262826	3.7	

6	Genetisch bedingte Aortenerkrankungen. *Springer Reference Medizin*, **2020**, 737-755	0
5	Akutes Aortensyndrom mit Beteiligung der Aorta ascendens (Typ A). *Springer Reference Medizin*, **2020**, 563-573	0
4	Akutes Aortensyndrom mit Beteiligung der Aorta ascendens (Typ A). *Springer Reference Medizin*, **2019**, 1-11	0
3	Aneurysmen der Aorta ascendens **2017**, 1-4	
2	Lessons from the short- and mid-term outcome of medical rehabilitation in adults with congenital heart disease.. *Cardiovascular Diagnosis and Therapy*, **2021**, 11, 1416-1431	2.6
1	Genetische Aortopathien. *Springer Reference Medizin*, **2022**, 1-10	0