Yskert Von Kodolitsch

List of Publications by Year
in descending order

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113 papers	6,201 citations	147566 31 h-index	69108 77 g-index
117 all docs	117 docs citations	117 times ranked	3927 citing authors

#	Article	IF	Citations
1	Nonsurgical Reconstruction of Thoracic Aortic Dissection by Stentâ€“Graft Placement. New England Journal of Medicine, 1999, 340, 1539-1545.	13.9	1,002
2	The Diagnosis of Thoracic Aortic Dissection by Noninvasive Imaging Procedures. New England Journal of Medicine, 1993, 328, 1-9.	13.9	965
3	Intramural Hemorrhage of the Thoracic Aorta. Circulation, 1995, 92, 1465-1472.	1.6	425
4	Intramural Hematoma of the Aorta. Circulation, 2003, 107, 1158-1163.	1.6	327
5	Clinical Prediction of Acute Aortic Dissection. Archives of Internal Medicine, 2000, 160, 2977.	4.3	309
6	Predictors of aneurysmal formation after surgical correction of aortic coarctation. Journal of the American College of Cardiology, 2002, 39, 617-624.	1.2	225
7	Importance of dural ectasia in phenotypic assessment of M arfan's syndrome. Lancet, The, 1999, 354, 910-913.	6.3	212
8	Chest radiography for the diagnosis of acute aortic syndrome. American Journal of Medicine, 2004, 116, 73-77.	0.6	172
9	International Registry of Patients Carrying TGFBR1 or TGFBR2 Mutations. Circulation: Cardiovascular Genetics, 2016, 9, 548-558.	5.1	145
10	Branched versus fenestrated endografts for endovascular repair of aortic arch lesions. Journal of Vascular Surgery, 2016, 64, 592-599.	0.6	122
11	Perspectives on the revised Ghent criteria for the diagnosis of Marfan syndrome. The Application of Clinical Genetics, 2015, 8, 137.	1.4	120
12	Marfan syndrome: an update of genetics, medical and surgical management. Heart, 2007, 93, 755-760.	1.2	112
13	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, 529-539.	1.1	91
14	Tissue Doppler imaging identifies myocardial dysfunction in adults with marfan syndrome. Clinical Cardiology, 2007, 30, 19-24.	0.7	78
15	Frequency and Age-Related Course of Mitral Valve Dysfunction in the Marfan Syndrome. American Journal of Cardiology, 2010, 106, 1048-1053.	0.7	76
16	Single-center experience with an inner branched arch endograft. Journal of Vascular Surgery, 2019, 69, 977-985.e1.	0.6	75
17	The spectrum of syndromes and manifestations in individuals screened for suspected Marfan syndrome. American Journal of Medical Genetics, Part A, 2008, 146A, 3157-3166.	0.7	67
18	The role of the multidisciplinary health care team in the management of patients with Marfan syndrome. Journal of Multidisciplinary Healthcare, 2016, Volume 9, 587-614.	1.1	51

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19	Frequency of Sleep Apnea in Adults With the Marfan Syndrome. American Journal of Cardiology, 2010, 105, 1836-1841.	0.7	50
20	Prospective risk stratification of sudden cardiac death in Marfan's syndrome. International Journal of Cardiology, 2013, 167, 2539-2545.	0.8	47
21	Augmentation Index Relates to Progression of Aortic Disease in Adults With Marfan Syndrome. American Journal of Hypertension, 2009, 22, 971-979.	1.0	46
22	Features of Marfan syndrome not listed in the Ghent nosology â€“ the dark side of the disease. Expert Review of Cardiovascular Therapy, 2019, 17, 883-915.	0.6	46
23	Observational Cohort Study of Ventricular Arrhythmia in Adults with Marfan Syndrome Caused by FBN1 Mutations. PLoS ONE, 2013, 8, e81281.	1.1	45
24	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.	0.6	39
25	Predictors of Outcome of Mitral Valve Prolapse in Patients With the Marfan Syndrome. American Journal of Cardiology, 2011, 107, 268-274.	0.7	38
26	Impact of Age and Gender on Cardiac Pathology in Children and Adolescents With Marfan Syndrome. Pediatric Cardiology, 2013, 34, 991-998.	0.6	36
27	Total Serum Transforming Growth Factorâ€Î²1 Is Elevated in the Entire Spectrum of Genetic Aortic Syndromes. Clinical Cardiology, 2014, 37, 672-679.	0.7	36
28	Retrospective analysis of the effect of angiotensin II receptor blocker versus Î²-blocker on aortic root growth in paediatric patients with Marfan syndrome. Heart, 2014, 100, 214-218.	1.2	34
29	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.	1.2	34
30	Inpatient rehabilitation for adult patients with Marfan syndrome: an observational pilot study. Orphanet Journal of Rare Diseases, 2017, 12, 127.	1.2	34
31	Comparison of conventional and transesophageal echocardiography with magnetic resonance imaging for anatomical mapping of thoracic aortic dissection. International Journal of Cardiovascular Imaging, 1994, 10, 1-14.	0.2	33
32	Antagonism of GxxPG fragments ameliorates manifestations of aortic disease in Marfan syndrome mice. Human Molecular Genetics, 2013, 22, 433-443.	1.4	33
33	Bicuspid aortic valve and aortic coarctation in congenital heart diseaseâ€"important aspects for treatment with focus on aortic vasculopathy. Cardiovascular Diagnosis and Therapy, 2018, 8, 780-788.	0.7	33
34	Evaluating the quality of Marfan genotypeâ€“phenotype correlations in existing FBN1 databases. Genetics in Medicine, 2017, 19, 772-777.	1.1	31
35	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.	0.6	30
36	Induction of Macrophage Chemotaxis by Aortic Extracts from Patients with Marfan Syndrome Is Related to Elastin Binding Protein. PLoS ONE, 2011, 6, e20138.	1.1	30

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37	Diagnosis and management of MarfanÂsyndrome. Future Cardiology, 2008, 4, 85-96.	0.5	29
38	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, 190-196.	0.8	29
39	Vascular type Ehlers-Danlos syndrome is associated with platelet dysfunction and low vitamin D serum concentration. Orphanet Journal of Rare Diseases, 2016, 11, 111.	1.2	29
40	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, 872-882.	2.3	28
41	A multi-institutional experience in vascular Ehlers-Danlos syndrome diagnosis. Journal of Vascular Surgery, 2020, 71, 149-157.	0.6	28
42	Supportive care needs of patients with rare chronic diseases: multi-method, cross-sectional study. Orphanet Journal of Rare Diseases, 2021, 16, 44.	1.2	28
43	Comparison of heteroduplex analysis, direct sequencing, and enzyme mismatch cleavage for detecting mutations in a large gene,FBN1. , 1999, 14, 440-446.		26
44	Comparison of aortic root replacement in patients with Marfan syndrome. European Journal of Cardio-thoracic Surgery, 2011, 40, 1052-7.	0.6	26
45	Improving medical care and prevention in adults with congenital heart diseaseâ€”reflections on a global problemâ€”part I: development of congenital cardiology, epidemiology, clinical aspects, heart failure, cardiac arrhythmia. Cardiovascular Diagnosis and Therapy, 2018, 8, 705-715.	0.7	26
46	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.	1.1	26
47	Heart rate turbulence and deceleration capacity for risk prediction of serious arrhythmic events in Marfan syndrome. Clinical Research in Cardiology, 2015, 104, 1054-1063.	1.5	25
48	Ascending aortic aneurysm and aortic valve dysfunction in bicuspid aortic valve disease. International Journal of Cardiology, 2013, 164, 301-305.	0.8	24
49	Analysis of Strengths, Weaknesses, Opportunities, and Threats as a Tool for Translating Evidence into Individualized Medical Strategies (I-SWOT). Aorta, 2015, 03, 98-107.	0.1	24
50	4D flow cardiovascular magnetic resonance for monitoring of aortic valve repair in bicuspid aortic valve disease. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 29.	1.6	24
51	Augmentation Index and the Evolution of Aortic Disease in Marfan-Like Syndromes. American Journal of Hypertension, 2010, 23, 716-724.	1.0	23
52	Morphologic and Functional Markers of Aortopathy in Patients With Bicuspid Aortic Valve Insufficiency Versus Stenosis. Annals of Thoracic Surgery, 2017, 103, 49-57.	0.7	23
53	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.	0.8	23
54	The <scp>K</scp>idâ€<scp>S</scp>hort <scp>M</scp>arfan <scp>S</scp>core (<scp>K</scp>idâ€<scp>SMS</scp>) â€“ an easy executable risk score for suspected paediatric patients with <scp>M</scp>arfan syndrome. Acta Paediatrica, International Journal of Paediatrics, 2013, 102, e84-9.	0.7	20

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55	Warfarin anticoagulation in acute type A aortic dissection survivors (WATAS). Cardiovascular Diagnosis and Therapy, 2017, 7, 559-571.	0.7	20
56	Periodontal conditions in patients with Marfan syndrome â€“ a multicenter case control study. BMC Oral Health, 2013, 13, 59.	0.8	19
57	Myocardial Function, Heart Failure and Arrhythmia in Marfan Syndrome: A Systematic Literature Review. Diagnostics, 2020, 10, 751.	1.3	19
58	The Importance of Genetic Testing in the Clinical Management of Patients With Marfan Syndrome and Related Disorders. Deutsches Ärzteblatt International, 2008, 105, 483-91.	0.6	18
59	Non-contrast MR angiography at 1.5 Tesla for aortic monitoring in Marfan patients after aortic root surgery. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 82.	1.6	18
60	The economic impact of Marfan syndrome: a non-experimental, retrospective, population-based matched cohort study. Orphanet Journal of Rare Diseases, 2014, 9, 90.	1.2	17
61	Diagnostic accuracy study of routine echocardiography for bicuspid aortic valve: a retrospective study and meta-analysis. Cardiovascular Diagnosis and Therapy, 2017, 7, 367-379.	0.7	17
62	Case-matched Comparison of Cardiovascular Outcome in Loeys-Dietz Syndrome versus Marfan Syndrome. Journal of Clinical Medicine, 2019, 8, 2079.	1.0	17
63	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, 944-948.	1.4	16
64	Current and Emerging Imaging Techniques in Patients with GeneticÂAortic Syndromes. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2020, 192, 50-58.	0.7	16
65	FBN1 gene mutation characteristics and clinical features for the prediction of mitral valve disease progression. International Journal of Cardiology, 2013, 168, 953-959.	0.8	15
66	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.	0.6	15
67	Genotypeâ€“Phenotype Correlation in Children: The Impact of FBN1 Variants on Pediatric Marfan Care. Genes, 2020, 11, 799.	1.0	15
68	Indomethacin Prevents the Progression of Thoracic Aortic Aneurysm in Marfan Syndrome Mice. Aorta, 2013, 1, 5-12.	0.1	14
69	Improving medical care and prevention in adults with congenital heart diseaseâ€”reflections on a global problemâ€”part II: infective endocarditis, pulmonary hypertension, pulmonary arterial hypertension and aortopathy. Cardiovascular Diagnosis and Therapy, 2018, 8, 716-724.	0.7	14
70	Cardiovascular Aspects of the Marfan Syndrome: A Systematic Review. , 2004, , 45-69.		14
71	Marfan Syndrome and Related Heritable Thoracic Aortic Aneurysms and Dissections. Current Pharmaceutical Design, 2015, 21, 4061-4075.	0.9	13
72	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.	0.6	12

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73	Central pulse pressure and augmentation index in asymptomatic bicuspid aortic valve disease. International Journal of Cardiology, 2011, 147, 466-468.	0.8	11
74	Maximizing therapeutic success: The key concepts of individualized medical strategy (IMS). Cogent Medicine, 2015, 2, 1109742.	0.7	11
75	When Should Surgery Be Performed in Marfan Syndrome and Other Connective Tissue Disorders to Protect Against Type A Dissection?. , 2014, , 17-47.		10
76	Results of Modern Mitral Valve Repair in Patients with Marfan Syndrome. Thoracic and Cardiovascular Surgeon, 2014, 62, 035-041.	0.4	9
77	Ocular manifestation in Marfan syndrome: corneal biomechanical properties relate to increased systemic score points. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 1159-1163.	1.0	9
78	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.	0.7	9
79	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, 793-795.	0.6	8
80	Economic and care considerations of Marfan syndrome. Expert Review of Pharmacoeconomics and Outcomes Research, 2016, 16, 591-598.	0.7	7
81	The Value of Circulating Biomarkers in Bicuspid Aortic Valve-Associated Aortopathy. Thoracic and Cardiovascular Surgeon, 2018, 66, 278-286.	0.4	7
82	The transition of pediatric Marfan patients to adult care: a challenge and its risks. Cardiovascular Diagnosis and Therapy, 2018, 8, 698-704.	0.7	7
83	The CatLet score and outcome prediction in acute myocardial infarction for patients undergoing primary percutaneous intervention: A proofâ€ofâ€concept study. Catheterization and Cardiovascular Interventions, 2020, 96, E220-E229.	0.7	7
84	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.	0.6	6
85	Pregnancy in adults with congenital heart disease. Cardiovascular Diagnosis and Therapy, 2019, 9, S416-S423.	0.7	6
86	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, 2022, 29, 717-723.	0.8	6
87	Complete Antegrade Transapical Deployment of a Branched Aortic Arch Endograft. Journal of Endovascular Therapy, 2016, 23, 493-500.	0.8	5
88	Heart failure in adults with congenital heart disease: a narrative review. Cardiovascular Diagnosis and Therapy, 2021, 11, 529-537.	0.7	5
89	Primary aorto-enteric fistula as a rare cause of massive gastrointestinal haemorrhage. Vasa - European Journal of Vascular Medicine, 2017, 46, 425-430.	0.6	5
90	Predictors of Proximal Aortic Dissection at the Time of Aortic Valve Replacement. Circulation, 1999, 100, .	1.6	5

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91	DISEASES OF THE AORTA. Cardiology Clinics, 1998, 16, 295-314.	0.9	4
92	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, 465-466.	1.1	4
93	Ambulatory (24Âh) blood pressure and arterial stiffness measurement in Marfan syndrome patients: a case control feasibility and pilot study. BMC Cardiovascular Disorders, 2016, 16, 81.	0.7	4
94	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, 1124.	1.0	4
95	Body Image in Patients with Marfan Syndrome. Journal of Clinical Medicine, 2020, 9, 1015.	1.0	4
96	Outcome of pregnancy in a contemporary cohort of adults with congenital heart diseaseâ€”a 10-year, single-center experience. Cardiovascular Diagnosis and Therapy, 2021, 11, 1344-1355.	0.7	4
97	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.	0.8	4
98	Arrhythmia and impaired myocardial function in heritable thoracic aortic disease: An international retrospective cohort study. European Journal of Medical Genetics, 2022, 65, 104503.	0.7	4
99	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.	1.0	3
100	Pulse wave analysis of the aortic pressure waveform in patients with vasovagal syncope. Heart and Vessels, 2016, 31, 74-79.	0.5	3
101	Aortic valve repair in adult congenital heart disease. Cardiovascular Diagnosis and Therapy, 2018, 8, 789-798.	0.7	3
102	Tricuspid valve prolapse as an early predictor for severe phenotype in children with Marfan syndrome. Acta Paediatrica, International Journal of Paediatrics, 2022, 111, 1261-1266.	0.7	3
103	Bicuspid Aortic Valve. , 2017, , 229-256.		2
104	Magnetic resonance angiography derived predictors of progressive dilatation and surgery of the aortic root in Marfan syndrome. PLoS ONE, 2022, 17, e0262826.	1.1	2
105	Expanding the clinical spectrum of COL2A1 related disorders by a mass like phenotype. Scientific Reports, 2022, 12, 4489.	1.6	2
106	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.	0.2	1
107	Aortopathies: Clinical Manifestation. , 2017, , 41-58.		0
108	Introduction to this focused issue on â€œCurrent Management Aspects in Adult Congenital Heart Disease (ACHD)â€• part II. Cardiovascular Diagnosis and Therapy, 2019, 9, S185-S186.	0.7	0

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109	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.	0.7	0
110	Aneurysmen der Aorta ascendens. , 2017, , 1-4.		0
111	Akutes Aortensyndrom mit Beteiligung der Aorta ascendens (Typ A). Springer Reference Medizin, 2019, , 1-11.	0.0	0
112	Genetisch bedingte Aortenerkrankungen. Springer Reference Medizin, 2020, , 737-755.	0.0	0
113	Akutes Aortensyndrom mit Beteiligung der Aorta ascendens (Typ A). Springer Reference Medizin, 2020, , 563-573.	0.0	0