

CITATION REPORT

List of articles citing

Cardiac valve surgerythe French correction

DOI: 10.1016/s0022-5223(19)39144-5

Journal of Thoracic and Cardiovascular Surgery, 1983,
86, 323-337.

Source: <https://exaly.com/paper-pdf/16689893/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
1839	Mitral valve replacement for mitral regurgitation with and without preservation of chordae tendineae. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1984 , 88, 718-725	1.5	186
1838	New Technique of Posterior Mitral Annuloplasty. 1985 , 2, 270-272		
1837	Mitral valve reconstruction. An underused alternative to replacement. 1985 , 78, 187-91, 194		
1836	Experiences with the Carpentier techniques of mitral valve reconstruction in 103 patients (1980-1985). <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1985 , 90, 341-350	1.5	60
1835	Improved intraoperative evaluation of mitral valve operations utilizing two-dimensional contrast echocardiography. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1985 , 90, 112-118	1.5	31
1834	Transposition of posterior leaflet for treatment of ruptured main chordae of the anterior mitral leaflet. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1985 , 89, 804-806	1.5	34
1833	Ventricular Function Following Mitral Valve Replacement. 1985 , 3, 445-460		
1832	Long-term results of open mitral valve reconstruction for mitral stenosis. 1985 , 55, 731-4		49
1831	Results of valve reconstruction for mitral regurgitation secondary to mitral valve prolapse. 1985 , 55, 735-8		19
1830	Percutaneous transarterial balloon valvuloplasty for mitral valve stenosis. 1986 , 57, 1101-4		123
1829	Late results after left-sided cardiac valve replacement in children. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1986 , 92, 218-225	1.5	47
1828	Late results of mitral valve replacement with the Björk-Shiley prosthesis in children under 16 years of age. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1986 , 91, 754-758	1.5	12
1827	Combined valvular and coronary surgery. 1986 , 90, 312-4		3
1826	Repair of anterior mitral leaflet chordal rupture or elongation (the flip-over technique). 1986 , 1, 161-6		35
1825	Conservative surgery for mitral valve prolapse with regurgitation: clinical follow-up and noninvasive assessment. 1987 , 8, 384-94		11
1824	Contemporary issues in the pathology of valvular heart disease. 1987 , 18, 568-76		11
1823	The Puig-Massana-Shiley annuloplasty ring for mitral valve repair: experience in 126 patients. 1987 , 43, 52-8		24

1822	Reparative operations for mitral valve incompetence: an emerging treatment of choice. 1987 , 113, 1199-206	15
1821	Mitral valvuloplasty is superior to valve replacement for preservation of left ventricular function: an intraoperative two-dimensional echocardiographic study. 1987 , 10, 568-75	183
1820	The determinants of mortality and morbidity after multiple-valve operations. 1987 , 43, 353-8	18
1819	New developments for reconstruction of the tricuspid valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1987 , 94, 626-631	1.5 14
1818	A comparison of repair and replacement for mitral valve incompetence. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1987 , 94, 208-219	1.5 142
1817	Valvuloplasty for rheumatic mitral valve disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1987 , 94, 44-56	1.5 93
1816	Intraoperative Doppler color flow mapping for assessment of valve repair for mitral regurgitation. 1987 , 60, 333-7	82
1815	Comments from a cardiovascular surgeon on mitral and aortic balloon valvuloplasty. 1987 , 60, 1218	1
1814	Percutaneous mitral valvuloplasty: retrograde, transarterial double-balloon technique utilizing the transseptal approach. 1988 , 14, 229-37	39
1813	Valvular-ventricular interaction: the importance of the mitral chordae tendineae in terms of global left ventricular systolic function. 1988 , 3, 215-34	22
1812	Applicability of mitral valvuloplasty techniques in a North American population. 1988 , 62, 253-6	10
1811	A "designer" annuloplasty ring for patients with massive mitral annular dilatation. 1988 , 46, 695-6	8
1810	Marfan's syndrome: combined composite valve graft replacement of the aortic root and transaortic mitral valve replacement. 1988 , 45, 296-302	31
1809	Treatment of ruptured or elongated anterior mitral valve chordae by partial transposition of the posterior leaflet: experience with 29 patients. 1988 , 45, 404-8	23
1808	Lessons learned about the determinants of the results of valve surgery. 1988 , 78, 1503-7	39
1807	Current concepts of mitral valve reconstruction for mitral insufficiency. 1988 , 78, 1087-98	78
1806	In vitro repair of the wounded porcine mitral valve. 1988 , 62, 833-45	30
1805	A new technique for repair of mitral insufficiency caused by ruptured chordae of the anterior leaflet. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1988 , 96, 765-768	1.5 23

1804	A new reconstructive operation for Ebstein's anomaly of the tricuspid valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1988 , 96, 92-101	1.5	272
1803	A clinical comparison of mitral valve repair versus valve replacement in ischemic mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1988 , 95, 165-177	1.5	121
1802	Restoration of left ventricular systolic performance after reattachment of the mitral chordae tendineae. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1988 , 95, 969-979	1.5	117
1801	Ventricular septal defects and arteriovenous fistulas, with and without valvular lesions, resulting from penetrating injury of the heart and aorta. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1988 , 95, 902-907	1.5	24
1800	Generation of chordae tendineae with polytetrafluoroethylene stents. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1989 , 97, 98-103	1.5	54
1799	Assessment of Mitral Valvuloplasty Perioperatively. 1989 , 23, 188-190		
1798	Mitral valve repair for rheumatic disease in developing countries: Is India a special case?. 1989 , 6, 2-5		
1797	Syndrome of mitral valve prolapse: current perspectives. 1989 , 32, 31-72		3
1796	Current management of mitral valve incompetence associated with coronary artery disease. 1989 , 4, 25-42		17
1795	Replacement of chordae tendineae with expanded polytetrafluoroethylene sutures. 1989 , 4, 286-90		103
1794	Plastic surgery for cardiac valves: 15 years' experience. 1989 , 48, S77-8		1
1793	Mitral valve reconstruction in the elderly population. 1989 , 48, 213-7		12
1792	Mitral valve annuloplasty: the effect of the type on left ventricular function. 1989 , 47, 524-7; discussion 527-8		126
1791	Mitral valve function after cryoablation of the posterior papillary muscle in the dog. 1989 , 47, 872-6		10
1790	Long-term follow-up after Carpentier tricuspid valvuloplasty. 1989 , 117, 615-22		17
1789	Homograft valves and conduits: applications in cardiac surgery. 1989 , 26, 381-452		22
1788	Current status of cardiac surgery: a 40 year review. 1989 , 14, 535-44		4
1787	Percutaneous transluminal aortic valvuloplasty: acute outcome and follow-up of 125 patients. 1989 , 14, 1210-7		30

1786	A comparison of mitral valve reconstruction with mitral valve replacement: intermediate-term results. 1989 , 47, 655-62		136
1785	Intraoperative epicardial echocardiography: technique and imaging planes. 1990 , 7, 241-51		22
1784	Intraoperative Doppler color flow mapping for decision-making in valve repair for mitral regurgitation. Technique and results in 100 patients. 1990 , 81, 556-66		131
1783	Surgical treatment of dysrhythmias in infants and children. 1990 , 37, 79-92		1
1782	Perioperative assessment of the quality of myocardial protection. 1990 , 4 Suppl 4, 797-803		
1781	Valve repair with Carpentier techniques. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1990 , 99, 990-1003		288
1780	Intraoperative transesophageal color-coded Doppler echocardiography for evaluation of residual regurgitation after mitral valve repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1990 , 100, 756-761 ^{1.5}		54
1779	Role of Transesophageal Echocardiography in Diagnosis and Management of Cardiovascular Disease. 1990 , 8, 377-388		7
1778	Aortic valve decalcification. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1990 , 100, 36-43	1.5	20
1777	Mitral valve repair: Results and the decision-making process in reconstruction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1990 , 99, 622-630	1.5	47
1776	Transplantation of knowledge. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1990 , 99, 387-395	1.5	29
1775	Surgical management of Wolff-Parkinson-White syndrome in infants and small children. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1990 , 99, 234-239	1.5	18
1774	Mitral valvuloplasty, a better alternative. Comparative study between valve reconstruction and replacement for rheumatic mitral valve disease. 1990 , 4, 257-62; discussion 263-4		18
1773	Mitral valve surgery: to repair or replace?. 1990 , 64, 234-5		3
1772	Ventricular septal defect associated with aortic valve incompetence: results of two surgical managements. 1990 , 49, 875-80		51
1771	Technique for visualization of the functioning mitral valve. 1990 , 49, 1013		1
1770	Valve repair in acute endocarditis. 1990 , 49, 706-11; discussion 712-3		164
1769	Artificial mitral valve chordae: experimental and clinical experience. 1990 , 50, 367-73		84

1768	Biplane transesophageal echocardiography: technique, image orientation, and preliminary experience in 131 patients. 1990 , 3, 348-66		79
1767	The utility of transesophageal echocardiography and Doppler color flow imaging in patients undergoing cardiac valve surgery. 1990 , 15, 363-72		142
1766	Mitral valve repair for ischemic mitral insufficiency. 1991 , 52, 1246-51; discussion 1251-2		95
1765	Reply. 1991 , 52, 898-899		1
1764	Tricuspid valve myxoma: a rare indication for tricuspid valve repair. 1991 , 52, 1315-6		6
1763	Tricuspid and mitral valve repair. 1991 , 52, 897-8		
1762	Tricuspid valve repair for tricuspid valve endocarditis: tricuspid valve "recycling". 1991 , 51, 593-8		32
1761	Mitral valve repair in the extensively calcified mitral valve annulus. 1991 , 52, 66-9		29
1760	Extended vertical transatrial septal approach to the mitral valve. 1991 , 52, 1058-60; discussion 1060-2		143
1759	Mechanisms of failure of mitral valve repair: an echocardiographic study. 1991 , 122, 149-56		64
1758	Early experience with mitral valve reconstruction for mitral insufficiency. 1991 , 161, 563-6		
1757	Advances in cardiac surgery in the last decade. 1991 , 33, 199-205		2
1756	Current concepts in the pathogenesis and treatment of ischemic mitral regurgitation. 1991 , 157-178		4
1755	Poststernotomy infections. 1991 , 52, 898-9		1
1754	Valvuloplasty for aortic insufficiency. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1991 , 102, 571-577	1.5	155
1753	Chordal rupture as a late complication after mitral valve reconstruction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1991 , 102, 466-468	1.5	1
1752	Mitral valve repair for anterior leaflet disruption after percutaneous mitral dilation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1991 , 102, 468-469	1.5	2
1751	Valve extension with glutaraldehyde-preserved autologous pericardium. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1991 , 102, 171-178	1.5	153

1750	Mitral valve repair by replacement of chordae tendineae with polytetrafluoroethylene sutures. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1991 , 101, 495-501	1.5	170
1749	Impact of Coronary Artery Disease on Valvular Heart Surgery. 1991 , 9, 301-314		24
1748	Long-Term Results of Aortic Valve Replacement. 1991 , 9, 353-380		13
1747	Mitral valve repair for mitral insufficiency. 1991 , 12 Suppl B, 30-3		29
1746	Surgical technique for artificial mitral chordae implantation. 1991 , 6, 432-8		17
1745	Mitral valve repair: a valuable procedure with good long term results even when performed infrequently. 1991 , 66, 156-60		7
1744	Optimal exposure of the mitral valve through an extended vertical transeptal approach. 1991 , 5, 294-8; discussion 299		30
1743	References. 1991 , 25, 45-55		
1742	Clinical Results of Reconstructive Surgery of the Mitral Valve. 1991 , 25, 595-606		
1741	Long-term results of mitral valve repair for non-ischaemic mitral regurgitation. 1991 , 12 Suppl B, 39-43		25
1740	Intelligent cardiac valve surgery simulation. 1992 ,		1
1739	Intravascular hemolysis after mitral valve repair: a word of caution. 1992 , 6, 103-5		15
1738	Traumatic mitral insufficiency following percutaneous mitral dilation: anatomic lesions and surgical implications. 1992 , 6, 660-3; discussion 663-4		7
1737	Conservative surgery of the mitral valve: a report of the first 100 cases from one unit and one surgeon. 1992 , 68, 505-9		1
1736	Surgical correction of congenital heart defects in adults. 1992 , 37, 76-80		3
1735	Transesophageal echocardiography. 1992 , 7, 113-26		2
1734	Mitral valve repair in patients with endomyocardial fibrosis. 1992 , 54, 89-92		13
1733	Factors affecting mitral valve reoperation in 317 survivors after mitral valve reconstruction. 1992 , 54, 440-7; discussion 448		30

1732	Infundibular septal defect with severe aortic regurgitation: a new surgical approach. 1992 , 53, 851-3		16
1731	Aspects of active rheumatic carditis. 1992 , 22, 592-600		11
1730	Intraoperative evaluation of mitral valve regurgitation and repair by transesophageal echocardiography: incidence and significance of systolic anterior motion. 1992 , 20, 599-609		175
1729	Evaluation of mitral leaflet motion by echocardiography and jet direction by Doppler color flow mapping to determine the mechanisms of mitral regurgitation. 1992 , 20, 1353-61		112
1728	Multiple valve operation for advanced valvular heart disease: results and risk factors in 513 patients. 1992 , 19, 725-32		61
1727	Systolic anterior motion of the chordal apparatus after mitral ring insertion. 1992 , 124, 666-70		4
1726	Mitral valve reconstruction. 1992 , 163, 497-501		3
1725	Correction of anterior mitral prolapse. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1992 , 104, 1268-1273		23
1724	Late results after repair of aortic insufficiency associated with ventricular septal defect. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1992 , 103, 276-281	1.5	64
1723	Mitral valve repair for bacterial endocarditis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1992 , 103, 124-129	1.5	70
1722	Aortic valve replacement and mitral valve repair with allograft. 1993 , 8, 350-7		6
1721	The pericardium reinforced suture annuloplasty: another tool available for mitral annulus repair?. 1993 , 8, 79-84		12
1720	Mitral valve disease. 1993 , 18, 425-478		1
1719	Morphologic patterns in patients undergoing reoperation after repair of rheumatic mitral regurgitation. 1993 , 71, 455-7		3
1718	Interstitial cells from the atrial and ventricular sides of the bovine mitral valve respond differently to denuding endocardial injury. 1993 , 29A, 41-50		24
1717	Multiple organ failure after mitral valve repair with intravascular hemolysis and its recovery due to mitral valve replacement. 1993 , 19, 358-60		8
1716	Mitral valve repair using a flexible and adjustable annuloplasty ring. 1993 , 55, 860-3		20
1715	Late results of mitral valve repair for mitral regurgitation due to degenerative disease. 1993 , 56, 7-12; discussion 13-4		178

1714	Spontaneous rupture of papillary muscle due to remote myocardial infarction. 1993 , 125, 532-4		2
1713	Transesophageal echocardiography in the detection of left ventricular pseudoaneurysm. 1993 , 125, 534-9		10
1712	Mitral valve operation via an extended transeptal approach. 1993 , 55, 1413-6; discussion 1416-7		37
1711	Traumatic left ventricular papillary muscle rupture: the role of transesophageal echocardiography in diagnosis and surgical management. 1993 , 6, 536-8		14
1710	Mitral valve repair in rheumatic disease. The flexible solution. 1993 , 88, 1746-53		33
1709	Repair of the anterior mitral leaflet. 1993 , 23, 279-84		6
1708	Evaluation of mitral valve repair by intraoperative transoesophageal echocardiography. 1993 , 23, 463-9		10
1707	Valve-related events and valve-related mortality in 340 mitral valve repairs. A late phase follow-up study. 1993 , 7, 263-70		6
1706	Reoperation after mitral valve reconstruction: early and late results. 1993 , 7, 34-7		9
1705	Remodeling of the aortic valve annulus. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1993 , 105, 435-438.5		457
1704	Effects of preserving mitral apparatus on ventricular systolic function in mitral valve operations in dogs. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1993 , 106, 1138-1146	1.5	19
1703	Outcome of mitral valve repair in patients with preoperative atrial fibrillation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1994 , 107, 408-415	1.5	188
1702	Probability of valve repair for pure mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1994 , 108, 871-879	1.5	21
1701	Seven-year experience with chordal replacement with expanded polytetrafluoroethylene in floppy mitral valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1994 , 108, 37-41	1.5	39
1700	Mitral valve operation in patients with the Marfan syndrome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1994 , 107, 724-731	1.5	36
1699	Mitral valve prosthetic implantation with preservation of native mitral valve apparatus. 1994 , 28, 115-21		3
1698	Mitral valve repair in patients over the age of 70 years. 1994 , 8, 298-300		1
1697	Chordal reconstruction with polytetrafluoroethylene (PTFE) sutures for mitral regurgitation. 1994 , 24, 579-84		

1696	A new modification of debridement valvuloplasty for acquired aortic valve disease. 1994 , 9, 103-8		
1695	Assessment of tricuspid regurgitation by Doppler color flow imaging: angiographic correlation. 1994 , 44, 275-83		53
1694	Long-term results of polytetrafluoroethylene mitral annuloplasty. 1994 , 57, 644-7		6
1693	Mitral valve replacement using a cryopreserved mitral homograft. 1994 , 57, 746-8		47
1692	<i>Neisseria gonorrhoeae</i> mycotic ascending aortic aneurysm. 1994 , 57, 748-50		3
1691	Carpentier "sliding leaflet" technique for repair of the mitral valve: early results. 1994 , 57, 383-6		56
1690	Repair of insufficient bicuspid aortic valves. 1994 , 58, 386-90		72
1689	Morphology of the mitral valve as displayed by multiplane transesophageal echocardiography. 1994 , 7, 472-9		28
1688	The role of transesophageal echocardiography in the diagnosis and management of children and young adults with valvar diseases of the left heart. 1994 , 4, 373-380		2
1687	Reconstruction of the mitral valve in children—long-term follow-up in 63 cases. 1994 , 4, 285-290		1
1686	Aortic insufficiency associated with complex cardiac anomalies. 1995 , 5, 125-131		0
1685	Multiplane transoesophageal echocardiography and morphology of regurgitant mitral valves in surgical repair. 1995 , 16, 999-1006		37
1684	Reoperation after the arterial switch operation for transposition of the great arteries. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1995 , 110, 892-9	1.5	72
1683	Transfer of the posterior tricuspid leaflet and chordae for mitral valve repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1995 , 110, 859-61	1.5	3
1682	Successful treatment of life-threatening acute reperfusion injury after lung transplantation with inhaled nitric oxide. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1995 , 110, 861-3	1.5	54
1681	Eingeladener Kommentar zu: Der Patient nach Herzklappenersatz— 1995 , 27, 159-160		
1680	The effect of pathophysiology on the surgical treatment of ischemic mitral regurgitation: operative and late risks of repair versus replacement. 1995 , 9, 568-74		141
1679	Intraoperative Evaluation of Valvular Function Using Transesophageal and Epicardial Echocardiography. 1995 , 29, 1-14		1

1678	Semilunar valve switch in aortic insufficiency. 1995 , 9, 631-5	3
1677	Long-term results of mitral valve repair for non-rheumatic mitral regurgitation. 1995 , 3, 387-92	2
1676	Tricuspid valve repair by septal of posterior leaflet transposition. 1995 , 60, 1807-9	16
1675	The "physio-ring": an advanced concept in mitral valve annuloplasty. 1995 , 60, 1177-85; discussion 1185-6	293
1674	Anterior leaflet procedures during mitral valve repair do not adversely influence long-term outcome. 1995 , 25, 134-6	31
1673	Aortic valve resuspension in ascending aortic aneurysm repair with aortic insufficiency. 1995 , 60, 176-180	24
1672	Tricuspid autograft for mitral-valve repair. 1996 , 347, 659-61	2
1671	Transesophageal echocardiographic evaluation of native valvular disease and repair. 1996 , 12, 321-81	3
1670	Initial results of combined anterior mitral leaflet extension and myectomy in patients with obstructive hypertrophic cardiomyopathy. 1996 , 28, 197-202	60
1669	Echocardiographic predictors of survival after surgery for mitral regurgitation in the age of valve repair. 1996 , 131, 281-8	6
1668	Lack of association between mitral valve prolapse and history of rheumatic fever. 1996 , 131, 525-9	3
1667	Successful surgical repair of left atrial dissection after mitral valve replacement. 1996 , 61, 1528-30	19
1666	Blunt traumatic rupture of a mitral papillary muscle head. 1996 , 61, 1526-8	13
1665	Pulmonary autografts in patients with aortic annulus dysplasia. 1996 , 61, 1141-5	40
1664	Integrated cardioplegia allows complex valve repairs in all patients. 1996 , 62, 23-9; discussion 29-30	18
1663	Pulmonary autograft reoperation: Incidence and management. 1996 , 62, 450-455	98
1662	Aortic Valve Repair. 1996 , 1, 30-37	5
1661	Should all mitral valves be repaired?. 1996 , 5, 72-73	

1660	Extensive Use of Artificial Chordae for Repairing Diffuse Mitral Valve Prolapse. 1996 , 62, 878-880		7
1659	Angioscopy-assisted valvuloplasty for primary deep venous valvular insufficiency. 1996 , 10, 233-8		11
1658	Comparison of transthoracic and transesophageal echocardiography with surgical findings in mitral regurgitation. The ESMIR Research Group. 1996 , 77, 728-33		13
1657	Surgical treatment of asymptomatic and mildly symptomatic mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1996 , 112, 1240-8; discussion 1248-9	1.5	39
1656	Reoperation after valve repair for mitral regurgitation: early and intermediate results. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1996 , 111, 1177-83; discussion 1183-4	1.5	53
1655	Repair of anterior leaflet prolapse: chordal transfer is superior to chordal shortening. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1996 , 112, 287-91; discussion 291-2	1.5	108
1654	Extensive calcification of the mitral valve annulus: pathology and surgical management. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1996 , 111, 718-29; discussion 729-30	1.5	221
1653	Homograft replacement of the mitral valve. Graft selection, technique of implantation, and results in forty-three patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1996 , 111, 367-78; discussion 378-80	1.5	84
1652	Replacement of mitral valve posterior chordae tendineae with expanded polytetrafluoroethylene suture: a finite element study. 1996 , 11, 136-45; discussion 146		38
1651	Repair of the Mitral Valve Anterior Leaflet: Early Results. 1996 , 4, 214-216		1
1650	Mitral valve repairs using the posterior tricuspid leaflet and chordae. Technique and results. 1996 , 10, 874-8		3
1649	What Is the Best Way to Assess Mitral Regurgitation?. 1997 , 1, 49-60		1
1648	Nonreplacement operations for mitral valve regurgitation. 1997 , 48, 295-306		1
1647	Chordal transposition for anterior mitral prolapse: early and long-term results. 1997 , 11, 268-73		25
1646	Spontaneous cardioversion and mitral valve repair: a role for surgical cardioversion (Cox-maze)?. 1997 , 11, 76-80		16
1645	Valve repair for aortic insufficiency: surgical classification and techniques. 1997 , 11, 258-65		71
1644	Early extubation after mitral valve surgery: a target-controlled infusion of propofol and low-dose sufentanil. 1997 , 11, 467-73		16
1643	Free edge suture plication and remodeling: a technique for anterior mitral leaflet prolapse repair. 1997 , 63, 1186-8		7

1642	Linear segmental annuloplasty for mitral valve repair. 1997 , 63, 1805-6		5
1641	The development of valvular heart surgery over the past 50 years (1947-1997): personal recollections. 1997 , 64, 1549-54		7
1640	Mitral valve repair for isolated double-orifice mitral valve with torn chordae. 1997 , 64, 1831-4		19
1639	Superiority of mitral valve repair in surgery for degenerative mitral regurgitation. 1997 , 18, 655-63		106
1638	Outcome of atrial fibrillation after mitral valve repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1997 , 114, 179-85	1.5	106
1637	Papillary muscle-left ventricular wall "complex". <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1997 , 113, 292-300; discussion 300-1	1.5	40
1636	Reoperation for failure of mitral valve repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1997 , 113, 467-73; discussion 473-5	1.5	125
1635	Surgical treatment of endocarditis. 1997 , 40, 239-64		62
1634	Prediction of surgical strategy in mitral valve regurgitation based on echocardiography. Interuniversity Cardiology Institute of The Netherlands. 1997 , 79, 334-8		36
1633	Mitral Valve Repair for Isolated Mitral Valve Regurgitation: A Plea for Early Operation. 1998 , 11, 585-589		
1632	"Double-orifice" technique to repair extensive mitral valve excision following acute endocarditis. 1998 , 13, 24-6		4
1631	Techniques and results of direct-access minimally invasive mitral valve surgery: a paradigm for the future. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1998 , 116, 705-15	1.5	46
1630	Durability of mitral valve repair for degenerative disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1998 , 116, 734-43	1.5	480
1629	Early systolic mitral leaflet "loitering" during acute ischemic mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1998 , 116, 193-205	1.5	69
1628	Long-term results of mitral valve repair for myxomatous disease with and without chordal replacement with expanded polytetrafluoroethylene sutures. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1998 , 115, 1279-85; discussion 1285-6	1.5	201
1627	Long-term results of mitral-aortic valve operations. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1998 , 115, 1298-309	1.5	53
1626	When and How to Use Intraoperative Echocardiography. 1998 , 7, 46-48		
1625	[Mitral valve regurgitation with anterior mitral leaflet chordal rupture or elongation--repair using the flip-over technique]. 1998 , 46, 695-700		

1624	[Repair of mitral regurgitation caused by prolapse of the anterior mitral leaflet]. 1998 , 46, 873-7	
1623	[Computer assisted open heart surgery. First case operated on with success]. 1998 , 321, 437-42	157
1622	Mitral Valve Repair. 1998 , 3, 109-125	4
1621	Recent Developments and Evolving Techniques of Mitral Valve Reconstruction. 1998 , 65, 307-313	74
1620	Cosgrove-Edwards mitral ring dynamics measured with transesophageal three-dimensional echocardiography. 1998 , 65, 485-90	33
1619	Artificial chordae for mitral valve reconstruction in children. 1998 , 65, 1377-80	20
1618	Early results of posterior leaflet folding plasty for mitral valve reconstruction. 1998 , 65, 1057-9	53
1617	Conservative operation for infective endocarditis of the mitral valve. 1998 , 65, 1087-92	24
1616	Correspondence. 1998 , 65, 1840	
1615	Correspondence. 1998 , 65, 1840-1841	
1614	Correspondence. 1998 , 65, 1840	
1613	Surgical management of mitral regurgitation associated with Marfan's syndrome. 1998 , 66, 68-72	46
1612	Transesophageal echocardiographic evaluation of perioperative coronary sinus trauma. 1998 , 66, 573-5	9
1611	Intraoperative TEE during mitral valve repair: does it predict early and late postoperative mitral valve dysfunction?. 1998 , 66, 1277-81	40
1610	Flexible posterior mitral annuloplasty: five-year clinical and Doppler echocardiographic results. 1998 , 66, 1692-7	10
1609	Effect of papillary muscle position on mitral valve function: relationship to homografts. 1998 , 66, S155-61	40
1608	Mitral valve repair vs replacement. Current recommendations and long-term results. 1998 , 16, 437-48	48
1607	Aortic valve reconstruction associated to ascending aorta tubular graft replacement in aortic incompetence by annuloaortic ectasia. 1998 , 14, 148-51	10

1606	The edge-to-edge technique: a simplified method to correct mitral insufficiency. 1998 , 13, 240-5; discussion 245-6	291
1605	Chordal Replacement with Expanded Polytetrafluoroethylene Suture: Early Results. 1998 , 6, 49-51	1
1604	Mitral Valvuloplasty with Carpentier's Techniques. 1998 , 6, 158-161	4
1603	Clinical evaluation of the Physio annuloplasty ring. 1998 , 113, 1296-301	11
1602	Repair of the mitral valve because of pure rheumatic mitral valvar incompetence in the young. 1998 , 8, 90-3	10
1601	Surgical Repair for Mitral Valve Disease. 1998 , 98, 142-147	1
1600	Papillary muscle shortening for mitral valve reconstruction in patients with ischaemic mitral insufficiency. 1998 , 19, 1730-4	4
1599	Aortic valve assessment. Anatomical study of 100 healthy human hearts. 1999 , 73, 75-86	19
1598	Intermediate-term durability of bicuspid aortic valve repair for prolapsing leaflet. 1999 , 15, 302-8	137
1597	Mitral valve repair for isolated prolapse of the anterior leaflet: an 11-year follow-up. 1999 , 15, 119-26	15
1596	Mitral valve repair in children using Carpentier's techniques. 1999 , 2, 111-120	12
1595	Long term results of mitral valve repair: posterior papillary muscle repositioning versus chordal shortening. 1999 , 16, 81-7	22
1594	Use of expanded polytetrafluoroethylene sutures as artificial tendinous cords in children with congenital mitral regurgitation. 1999 , 15, 289-93	13
1593	Minimally invasive direct access mitral valve surgery. 1999 , 11, 212-22	12
1592	New technique of posterior mitral annuloplasty. 1999 , 14, 270-2	3
1591	Mitral valve repair by Carpentier-Edwards physio annuloplasty ring. 1999 , 47, 355-60	4
1590	Endoscopic coronary artery bypass grafting with the aid of robotic assisted instruments. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1999 , 118, 4-10	1.5 390
1589	Reconstruction of the aortic valve with autologous pericardium: an experimental study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1999 , 117, 197-8	1.5 5

1588 Cardioreduction and mitral valve repair in dilated cardiomyopathy: a model-based study.

1587 Does dilatation of the sinotubular junction cause aortic regurgitation?. **1999**, 68, 949-953 70

1586 Aortic root replacement with the pulmonary autograft: an invariably competent aortic valve?. **1999**, 68, 1302-7 13

1585 Is anterior leaflet repair always necessary in repair of bileaflet mitral valve prolapse?. **1999**, 68, 820-3; discussion 824 36

1584 Discussion. **1999**, 68, 953-954 3

1583 Modified sliding leaflet technique for repair of the mitral valve. **1999**, 68, 2356-7 25

1582 Minimally invasive direct access heart valve surgery. **2000**, 15, 21-34 21

1581 Ring annuloplasty prevents delayed leaflet coaptation and mitral regurgitation during acute left ventricular ischemia. *Journal of Thoracic and Cardiovascular Surgery*, **2000**, 119, 774-83 1.5 32

1580 Macro design, structure, and mechanics of the left ventricle. *Journal of Thoracic and Cardiovascular Surgery*, **2000**, 119, 1053-77 1.5 83

1579 Mitral valve repair and replacement for rheumatic disease. *Journal of Thoracic and Cardiovascular Surgery*, **2000**, 119, 53-60 1.5 112

1578 [Reconstruction of the bicuspid aortic valve]. **2000**, 89, 932-8

1577 Cardiopulmonary bypass system-mountable anesthetic machine. **2000**, 3, 25-28

1576 Ergebnisse von Mitralklappen- rekonstruktionen bei Floppy Mitral Valve. **2000**, 14, 55-64 1

1575 Mitral valve repair with a malleable bovine pericardium ring. **2000**, 75, 389-96 1

1574 Ten-year experience of chordal replacement with expanded polytetrafluoroethylene in mitral valve repair. **2000**, 102, III30-4 53

1573 The double-orifice technique as a standardized approach to treat mitral regurgitation due to severe myxomatous disease: surgical technique. **2000**, 17, 201-5 169

1572 Rheumatic Mitral Valve Annuloplasty with Polytetrafluoroethylene Ring. **2000**, 8, 227-230

1571 Mitral valve repair in cardiomyopathy. **2000**, 19, S73-S76 13

1570	Valve repair in mitral regurgitation complicated by severe annulus calcification. 2000 , 70, 53-8		39
1569	Remodeling of the aortic root and reconstruction of the bicuspid aortic valve. 2000 , 70, 542-6		50
1568	Long-term follow-up after Carpentier-Edwards ring annuloplasty for tricuspid regurgitation. 2000 , 70, 796-9		50
1567	Repair of anterior leaflet mitral valve prolapse: chordal replacement versus chordal shortening. 2000 , 69, 25-9		133
1566	Mitral-valve repair without annuloplasty rings: results after repair of anterior leaflet versus posterior-leaflet defects using polytetrafluoroethylene sutures for chordal replacement. 2000 , 17, 206-12		55
1565	The double-orifice technique in mitral valve repair: a simple solution for complex problems. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001 , 122, 674-81	1.5	650
1564	Artificial mitral valve chordae replacement made simple. 2001 , 71, 1377-8; discussion 1378-9		41
1563	Valvuloplasty with glutaraldehyde-treated autologous pericardium in patients with complex mitral valve pathology. 2001 , 71, 78-85		44
1562	Repair of anterior leaflet prolapse by papillary muscle repositioning: a new surgical option. 2001 , 71, 1464-70		43
1561	Influence of anterior mitral leaflet second-order chordae on leaflet dynamics and valve competence. 2001 , 72, 535-40; discussion 541		34
1560	Simulation techniques to support prosthetic valve choice in aortic valve replacement. 2001 , 72, 1795-6		1
1559	History of mitral valve anterior leaflet repair with triangular resection. 2001 , 72, 1794-5		3
1558	Modified quadrangular resection for mitral valve repair. 2001 , 72, 2153-4		10
1557	[Mitral valve repair versus mitral valve replacement]. 2001 , 90, 75-80		1
1556	A Clinical Study of Mitral Valve Repair for the Treatment of Mitral Valve Insufficiency. 2001 , 31, 1240		
1555	Long-Term (29 Years) Results of Reconstructive Surgery in Rheumatic Mitral Valve Insufficiency. 2001 , 104,		5
1554	Very Long-Term Survival and Durability of Mitral Valve Repair for Mitral Valve Prolapse. 2001 , 104,		8
1553	Very Long-Term Results (More Than 20 Years) of Valve Repair With Carpentier's Techniques in Nonrheumatic Mitral Valve Insufficiency. 2001 , 104,		13

1552	Alternatives in selection of rings for mitral annuloplasty. 2001 , 16, 136-9		2
1551	Complicated mitral valve repairs. 2001 , 9, 106-11		9
1550	Very Long-Term Results (More Than 20 Years) of Valve Repair With Carpentier's Techniques in Nonrheumatic Mitral Valve Insufficiency. 2001 , 104, I-8-I-11		294
1549	Ross procedure: Aortic valve replacement with pulmonary autograft. 2001 , 17, 243-257		3
1548	Valve-preserving aortic replacement: does the additional repair of leaflet prolapse adversely affect the results?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001 , 122, 270-7	1.5	67
1547	Ischemic mitral valve reconstruction and replacement: comparison of long-term survival and complications. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001 , 122, 1107-24	1.5	262
1546	Edge-to-edge mitral repair: gradients and three-dimensional annular dynamics in vivo during inotropic stimulation. 2001 , 19, 431-7		18
1545	Influence of atrial fibrillation on outcome following mitral valve repair. 2001 , 104, 159-63		106
1544	Very long-term survival and durability of mitral valve repair for mitral valve prolapse. 2001 , 104, I1-I7		334
1543	Long-term (29 years) results of reconstructive surgery in rheumatic mitral valve insufficiency. 2001 , 104, I12-5		139
1542	Very Long-Term Results (More Than 20 Years) of Valve Repair With Carpentier's Techniques in Nonrheumatic Mitral Valve Insufficiency. 2001 , 104, I-8-I-11		85
1541	Chordal Replacement with Polytetrafluoroethylene Suture: Midterm Results. 2001 , 9, 90-92		3
1540	Mitral Valve Repair with Autologous Pericardial Ring. 2001 , 9, 10-13		3
1539	Optimizing ventricular shape in anterior restoration. 2001 , 13, 459-67		12
1538	Perforated mitral valve leaflet. 2002 , 88 Suppl 4, iv3		
1537	Effect of annular shape on leaflet curvature in reducing mitral leaflet stress. 2002 , 106, 711-7		348
1536	Total reconstruction of the mitral valve with autopericardium: anatomical study. 2002 , 10, 137-40		
1535	Quantitation of mitral regurgitation: rationale, approach, and interpretation in clinical practice. 2002 , 88 Suppl 4, iv1-3		14

1534	Triple valve repair for young rheumatic patients. 2002 , 21, 447-52	13
1533	The edge-to-edge technique as a trick to rescue an imperfect mitral valve repair. 2002 , 22, 817-20	13
1532	Mitral valve surgery in patients with poor left ventricular function. 2002 , 50, 351-4	30
1531	The adventure of cardiac surgery. 2002 , 21, 167-80	4
1530	Stuck mitral valve replacement. 2002 , 88 Suppl 4, iv4	
1529	Mitral regurgitation: predictors of outcome and natural history. 2002 , 39, 133-43	5
1528	Mitral valve repair and the anterior leaflet. 2002 , 17, 179-82	2
1527	Evolving techniques for mitral valve reconstruction. 2002 , 236, 288-93; discussion 293-4	21
1526	Impact of preoperative aortic cusp prolapse on long-term outcome after surgical closure of subarterial ventricular septal defect. 2002 , 73, 622-7	48
1525	Endocarditis after mitral valve repair. 2002 , 73, 1813-6	24
1524	Extracorporeal life support. 2002 , 73, 1816	
1523	Partial replacement of the tricuspid valve by mitral homografts in acute endocarditis. 2002 , 73, 1808-12	19
1522	Aortic cusp extension valvuloplasty for rheumatic aortic valve disease: midterm results. 2002 , 74, 438-43	72
1521	Double-breasted repair of the posterior mitral valve leaflet. 2002 , 74, 2206-7	8
1520	Correction of leaflet prolapse in valve-preserving aortic replacement: pushing the limits?. 2002 , 74, S1762-4; discussion S1792-9	52
1519	Plastia valvar mitral na doena cardica reumtica e degenera mixomatosa: estudo comparativo. 2002 , 17, 24-34	1
1518	Hemodynamic performance of an unstented xenograft mitral valve substitute. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2002 , 124, 541-52	1.5 5
1517	Posterior mitral annuloplasty with a flexible linear reducer. 2002 , 50, 371-4	2

1516	The long-term outcome of mitral valve repair for mitral valve prolapse. 2002 , 4, 104-10		16
1515	Intraoperative transesophageal echocardiography with a special focus on a patient undergoing advanced robotic-assisted procedures. 2002 , 19, 583-7		7
1514	Technical aspects of the Ross operation in children and adults. 2003 , 16, 125-132		1
1513	Endoscopic mitral valve repair: feasible, reproducible, and durable. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 125, 273-82	1.5	154
1512	Late outcomes of mitral valve repair for floppy valves: Implications for asymptomatic patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 125, 1143-52	1.5	143
1511	[Surgical treatment of mitral valve regurgitation: which method for which patient?]. 2003 , 52, 104-7		
1510	[Usefulness of intraoperative echocardiography for the management of mitral regurgitation]. 2003 , 52, 108-16		
1509	Detection of mechanisms of immediate failure by transesophageal echocardiography in quadrangular resection mitral valve repair technique for severe mitral regurgitation. 2003 , 91, 175-9		30
1508	Repair versus replacement for degenerative mitral valve disease with coexisting ischemic heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 125, 1350-62	1.5	79
1507	Minimally invasive mitral valve repair suggests earlier operations for mitral valve disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 126, 365-71; discussion 371-3	1.5	58
1506	Another chapter in an enlarging book: repair degenerative mitral valves. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 125, 1197-9	1.5	10
1505	Discussion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 126, 371-373	1.5	6
1504	Midterm results of edge-to-edge mitral valve repair without annuloplasty. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 126, 1987-97	1.5	190
1503	Usefulness of transesophageal three-dimensional echocardiography in the identification of individual segment/scallop prolapse of the mitral valve. 2003 , 20, 203-9		77
1502	Advances in heart valve surgery. 2003 , 16, 535-41		11
1501	From classical sternotomy to truly endoscopic mitral valve surgery: a step by step procedure. 2003 , 12, 172-7		31
1500	A structural basis for the size-related mechanical properties of mitral valve chordae tendineae. 2003 , 36, 1125-33		74
1499	Current state of intraoperative echocardiography. 2003 , 20, 771-80		10

1498	Leaflet concavity: a rapid visual clue to the presence and mechanism of functional mitral regurgitation. 2003 , 16, 1301-8	47
1497	Mitral valve repair and replacement in northern New England. 2003 , 145, 1058-62	19
1496	Modified technique for mitral repair without ring annuloplasty. 2003 , 75, 298-300	34
1495	Multiplane transesophageal echocardiography performed according to the guidelines of the American Society of Echocardiography in patients with mitral valve prolapse, flail, and endocarditis: diagnostic accuracy in the identification of mitral regurgitant defects by correlation with surgical findings. 2003 , 16, 61-6	37
1494	Sustained improvement after combined anterior mitral leaflet extension and myectomy in hypertrophic obstructive cardiomyopathy. 2003 , 108, 2088-92	62
1493	Anterior mitral leaflet mobility is limited by the basal stay chords. 2003 , 107, 2969-74	31
1492	Mitral valve surgery can now routinely be performed endoscopically. 2003 , 108 Suppl 1, 1148-54	86
1491	Combined aortic and mitral valve repair. 2003 , 11, 319-22	3
1490	Current status of mitral valve repair. 2003 , 1, 47-54	23
1489	The evolution of mitral valve surgery: 1902-2002. 2003 , 1, 40-6	6
1488	Paneth suture annuloplasty abolishes acute ischemic mitral regurgitation but preserves annular and leaflet dynamics. 2003 , 108 Suppl 1, 1128-33	11
1487	The dome of the left atrium: an alternative approach for mitral valve repair. 2003 , 23, 272-6	8
1486	Mitral valve repair for degenerative disease: is pericardial posterior annuloplasty a durable option?. 2003 , 23, 552-9	17
1485	Preliminary experience in mitral valve repair using the Cosgrove-Edwards annuloplasty ring. 2003 , 2, 256-61	3
1484	Mitral regurgitation: what causes the leakage is fundamental to the outcome of valve repair. 2003 , 108, 253-6	207
1483	Comparison of transthoracic and intraoperative transesophageal color flow Doppler assessment of mitral and aortic regurgitation. 2003 , 99, 145-52	13
1482	The aortomitral angle is suspended by the anterior mitral basal "stay" chords. 2003 , 51, 190-5	12
1481	Post-mitral valve repair systolic anterior motion produced by non-obstructive septal bulge. 2003 , 24, 857-61	12

1480	Improvement in left ventricular dysfunction after surgical correction of mitral regurgitation. 2003 , 80, 13-8, 7-12		2
1479	Reconstructive surgery of the aortic valve. 2003 , 18, 364		3
1478	Resultados alejados de la cirugía reparadora de la insuficiencia mitral degenerativa. 2003 , 131, 1355		1
1477	Acesso transeptal vertical ampliado em reoperações valvares mitrais com Brio esquerdo pequeno. 2004 , 19, 29		
1476	Surgical Approach of Active Endocarditis. 2004 , 191-198		
1475	[Valve repair surgery in infectious endocarditis]. 2004 , 132, 307-15		1
1474	Minimally Invasive Cardiac Surgery. 2004 ,		2
1473	Aortic valve repair using a differentiated surgical strategy. 2004 , 110, 1167-73		73
1472	Aortic valve repair for aortic insufficiency in adults: a contemporary review and comparison with replacement techniques. 2004 , 25, 6-15		63
1471	Mechanism of recurrent ischemic mitral regurgitation after annuloplasty: continued LV remodeling as a moving target. 2004 , 110, 1185-90		302
1470	New understanding of ischemic mitral regurgitation: the marionette and its masters. 2004 , 5, 313-7		5
1469	Mitral regurgitation due to mitral valve prolapse: contemporary management. 2004 , 2, 58-61		
1468	Ischemic mitral valve prolapse: mechanisms and implications for valve repair. 2004 , 26, 1112-7		43
1467	Bone marrow cells in the repair and modulation of heart and blood vessels: emerging opportunities in native and engineered tissue and biomechanical materials. 2004 , 28, 142-51		21
1466	Is repair of aortic valve regurgitation a safe alternative to valve replacement?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004 , 127, 645-53	1.5	100
1465	Neochordal repair of the posterior mitral leaflet. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004 , 127, 440-7	1.5	31
1464	Homograft replacement of the mitral valve: eight-year results. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004 , 128, 529-34	1.5	25
1463	Static analysis of annuloplasty rings sutured on an annulus model of the mitral valve: comparison between the Duran ring and the Carpentier Classic ring. 2004 , 7, 30-6		8

1462	The effect of pathophysiology on the outcome of mitral valve repair for mitral regurgitation. 2004 , 19, 27-32	2
1461	Mid-term results of mitral valve repair for complicated active bacterial endocarditis in high-risk patients. 2004 , 19, 179-82	1
1460	Posterior mitral annuloplasty using autologous pericardium in the repair of posterior leaflet prolapse. 2004 , 52, 460-5	3
1459	A novel system for the assessment of mitral annular geometry and analysis of 3D motion of the mitral annulus from 3D echocardiography.	1
1458	Novel approaches to cardiac valve repair: from structure to function: Part II. 2004 , 109, 1064-72	74
1457	The year in valvular heart disease. 2004 , 43, 491-504	4
1456	Midterm results of aortic valve repair with the pericardial cusp extension technique in rheumatic valve disease. 2004 , 77, 1272-6	35
1455	Repair of Barlow's mitral valve: to do or not to do. 2004 , 78, 1879-80; author reply 1880	2
1454	Acute renal injury and lowest hematocrit during cardiopulmonary bypass: not only a matter of cellular hypoxemia. 2004 , 78, 1880-1; author reply 1881-2	10
1453	Triangular plication of the anterior mitral leaflet: a new operative technique. 2004 , 78, e36-7	6
1452	Reply. 2004 , 78, 1880	4
1451	Extensive use of polytetrafluoroethylene artificial grafts for prolapse of posterior mitral leaflet. 2004 , 78, 815-9	19
1450	Current status of surgery for rheumatic carditis in children. 2004 , 78, 1403-8	31
1449	Annular geometry and motion in human ischemic mitral regurgitation: novel assessment with three-dimensional echocardiography and computer reconstruction. 2004 , 78, 2063-8; discussion 2068	86
1448	Minimally invasive valve surgery: what the pathologist should know. 2004 , 13, 176-81	
1447	Leaflet folding plasty combined with annular plication for mitral valve repair. 2004 , 77, 1103-4	11
1446	Tricuspid valve repair with papillary muscle shortening for severe tricuspid regurgitation in children. 2004 , 78, 1486-8	5
1445	The effect of regional ischemia on mitral valve annular saddle shape. 2004 , 77, 544-8	96

1444	Opposite trends in coronary artery and valve surgery in a large multisurgeon practice, 1979-1999. 2004 , 77, 488-95	36
1443	"Edge-to-edge" repair for anterior mitral leaflet prolapse. 2004 , 16, 182-7	51
1442	Anterior leaflet resection of the mitral valve. 2004 , 16, 188-93	11
1441	Artificial chordae. 2004 , 16, 161-8	60
1440	Chordal transfer for repair of anterior leaflet prolapse. 2004 , 16, 169-73	19
1439	Surgical repair of the prolapsing anterior leaflet with chordal shortening. 2004 , 16, 174-81	7
1438	Surgical treatment of degenerative mitral regurgitation: should we approach differently patients with flail leaflets of simple mitral valve prolapse?. 2004 , 41, 95-107	2
1437	Status of mitral valve surgery. 2004 , 19, 117-22	3
1436	Mitral valve repair in patients with low left ventricular ejection fractions: early and late results. 2004 , 126, 709-15	18
1435	Mitral Regurgitation. 13-25	
1434	Annular height-to-commissural width ratio of annuloplasty rings in vivo. 2005 , 112, 1423-8	27
1433	Functional classification of aortic root/valve abnormalities and their correlation with etiologies and surgical procedures. 2005 , 20, 115-21	127
1432	Advances In Mitral Valve Repair. 2005 , 1, 16-20	
1431	Chordal transfer for repair of anterior leaflet prolapse. 2005 , 2005, mmcts.2004.000901	
1430	Polydioxanone Polymers for Annuloplasty in Valve Repair. 2005 , 231, 81-83	3
1429	Surgical application for a prolapse of the anterior mitral leaflet by replacing artificial chordae with polytetrafluoroethylene grafts. 2005 , 35, 812-8	8
1428	Transthoracic and transesophageal echocardiographic assessment of mitral regurgitation severity: usefulness of qualitative and semiquantitative techniques. 2005 , 22, 748-69	28
1427	Traitement chirurgical de l'infarctus et de ses complications □la phase aigu□ 2005 , 2, 272-286	

1426	Impact of preoperative and postoperative atrial fibrillation on outcome after mitral valvuloplasty for nonischemic mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005 , 129, 1032-40	1.5	104
1425	Functional classification dictates type of repair in "complex" mitral insufficiency: Application to a case of a hammock mitral valve in an adult patient. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005 , 130, 217-8	1.5	14
1424	Acute hemodynamic effects of restrictive mitral annuloplasty in patients with end-stage heart failure: analysis by pressure-volume relations. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005 , 130, 33-40	1.5	10
1423	The clinical development of percutaneous heart valve technology. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005 , 129, 970-6	1.5	38
1422	A comparison of outcomes of mitral valve repair for degenerative disease with posterior, anterior, and bileaflet prolapse. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005 , 130, 1242-9	1.5	293
1421	The clinical development of percutaneous heart valve technology: a position statement of the Society of Thoracic Surgeons (STS), the American Association for Thoracic Surgery (AATS), and the Society of Cardiovascular Angiography and Intervention (SCAI). 2005 , 65, 73-9		18
1420	Untersuchung der Klappenfunktion nach Mitralklappen-Rekonstruktion. 2005 , 42, 683-696		3
1419	Reconstruction of bicuspid aortic valves. Surgical tool or toy?. 2005 , 94, 431-3		
1418	Nontransplant surgical alternatives for heart failure. 2005 , 7, 491-501		5
1417	Leaflet folding plasty for mitral valve repair: technical application and early outcome. 2005 , 53, 69-73		1
1416	Mitral valve repair: we must do a better job. 2005 , 7, 94-100		6
1415	Cirugía reparadora de la válvula aórtica bicúspide insuficiente. 2005 , 133, 279		1
1414	Reposicionamento do músculo papilar: a técnica padrão para plastia do prolapso da cúspide anterior da mitral. 2005 , 20, 363-370		
1413	Preoperative left ventricular dimensions predict reverse remodeling following restrictive mitral annuloplasty in ischemic mitral regurgitation. 2005 , 27, 847-53		178
1412	Mitral valve repair for commissural prolapse: surgical techniques and long term results. 2005 , 28, 443-7		26
1411	Mitral valve repair for active culture positive infective endocarditis. 2006 , 92, 361-3		20
1410	Downsizing of the mitral valve and coronary revascularization in severe ischemic mitral regurgitation results in reverse left ventricular and left atrial remodeling. 2005 , 27, 1011-6		49
1409	Mitral valve repair versus replacement for isolated non-ischemic mitral regurgitation in patients with preoperative left ventricular dysfunction. A long-term follow-up echocardiography study. 2005 , 6, 435-42		26

1408	Ischemic mitral regurgitation on the threshold of a solution: from paradoxes to unifying concepts. 2005 , 112, 745-58	358
1407	Long-term results of mitral valve repair in active endocarditis. 2005 , 111, 2532-6	84
1406	Mitral valve prolapse. 2005 , 365, 507-18	211
1405	Correction of Ischemic Mitral Regurgitation. 2005 , 10, 101-112	3
1404	A New Paradigm for the Repair of Posterior Leaflet Prolapse: Respect Rather Than Resect. 2005 , 10, 180-193	28
1403	Ischemic mitral valve repair: correlations between the mechanisms of mitral regurgitation and left ventricular function prior to and following surgery. 2005 , 39, 182-8	2
1402	An image of mitral valve repair. 2005 , 3, 1009-16	3
1401	Mitral regurgitation: overview of current surgical techniques and future developments. 2005 , 3, 271-84	1
1400	A technique for annular plication to facilitate sliding plasty after extensive mitral valve posterior leaflet resection. 2005 , 79, 720-2	16
1399	Repair of aortic leaflet prolapse: the "sliding leaflet technique". 2005 , 79, 1787-9	1
1398	Commissural closure for repair of mitral commissural prolapse. 2005 , 80, 1135-6	27
1397	Long-term assessment of mitral valve reconstruction with resection of the leaflets: triangular and quadrangular resection. 2005 , 79, 475-9	25
1396	Minimally invasive port access versus conventional mitral valve surgery: prospective randomized study. 2005 , 79, 492-8	117
1395	Effect of training in mitral valve repair surgery on the early and late outcome. 2005 , 80, 183-8	20
1394	The clinical development of percutaneous heart valve technology: a position statement of the Society of Thoracic Surgeons (STS), the American Association for Thoracic Surgery (AATS), and the Society for Cardiovascular Angiography and Interventions (SCAI). 2005 , 79, 1812-8	23
1393	Edge-to-edge repair with mitral annuloplasty for Barlow's disease. 2005 , 80, 1315-8	15
1392	Long-term survival after surgical revascularization for moderate ischemic mitral regurgitation. 2005 , 80, 570-7	89
1391	Isolated mitral valve repair in patients with depressed left ventricular function. 2005 , 80, 1309-14; discussion 1314	12

1390	Insuficiencia mitral isquémica funcional: un debate abierto. 2005 , 58, 327-332	6
1389	Functional Ischemic Mitral Regurgitation: an Open Debate. 2005 , 58, 327-332	
1388	The clinical development of percutaneous heart valve technology: a position statement of the Society of Thoracic Surgeons (STS), the American Association for Thoracic Surgery (AATS), and the Society for Cardiovascular Angiography and Interventions (SCAI) Endorsed by the American College of Cardiology Foundation (ACCF) and the American Heart Association (AHA). 2005 , 45, 1554-60	71
1387	Functional assessment of mitral regurgitation by transthoracic echocardiography using standardized imaging planes diagnostic accuracy and outcome implications. 2005 , 46, 302-9	91
1386	Percutaneous mitral valve repair with the edge-to-edge technique: a surgeon's perspective. 2005 , 46, 2141-2	6
1385	Mitral annular disjunction in advanced myxomatous mitral valve disease: echocardiographic detection and surgical correction. 2005 , 18, 1014-22	66
1384	Relationship of mitral annular remodeling to severity of chronic mitral regurgitation. 2006 , 19, 76-82	12
1383	Mitral valve repair in the elderly: the role of the echocardiography/surgery team in patient outcome. 2006 , 15, 302-5	1
1382	The emerging role of three-dimensional echocardiography in mitral valve repair. 2006 , 18, 126-34	25
1381	Current perspective on aortic valve repair and valve-sparing aortic root replacement. 2006 , 18, 154-64	13
1380	Percutaneous mitral valve repair. 2006 , 18, 115-21	10
1379	Overreduction of the posterior annulus in surgical treatment of degenerative mitral regurgitation. 2006 , 81, 1310-6	17
1378	Cirugía reconstructora de la válvula mitral: anuloplastia. 2006 , 13, 143-149	
1377	Dynamic quantitative echocardiographic evaluation of mitral regurgitation in the operating department. 2006 , 19, 140-6	43
1376	Ventricular Septal Defects. 2006 , 355-371	6
1375	ACC/AHA 2006 guidelines for the management of patients with valvular heart disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (writing Committee to Revise the 1998 guidelines for the management of patients with valvular heart disease) developed in collaboration with the Society of Cardiovascular Anesthesiologists	1307
1374	ACC/AHA 2006 Practice Guidelines for the Management of Patients With Valvular Heart Disease: Executive Summary. 2006 , 48, 598-675	119
1373	Guidelines on the management of valvular heart disease: The Task Force on the Management of Valvular Heart Disease of the European Society of Cardiology. 2007 , 28, 230-68	1105

1372	"Adjustable" artificial chordal replacement for repair of mitral valve prolapse. 2006 , 81, 1526-8	39
1371	Longitudinal plication of the posterior leaflet in myxomatous disease of the mitral valve. 2006 , 81, 1909-10	23
1370	Suspension string: a new method of aortic valvuloplasty for aortic insufficiency and ventricular septal defect. 2006 , 82, 1137-9	4
1369	Application and adjustment of artificial chordae to the mitral valve using an approach through the aortic valve. 2006 , 82, 761-2	4
1368	Mitral valve surgery in the adult Marfan syndrome patient. 2006 , 81, 843-8	36
1367	Feasibility and intermediate term outcome of repair of prolapsing anterior mitral leaflets with artificial chordal replacement in 152 patients. 2006 , 81, 849-56; discussion 856	57
1366	Should mitral valve prolapse, even though commissural, be treated by suturing both leaflets together?. 2006 , 81, 2339; author reply 2339-40	4
1365	MagScrew total artificial heart. 2006 , 81, 2338-9	4
1364	Reply. 2006 , 81, 2339-2340	2
1363	Mitral valve repair for anterior leaflet prolapse with expanded polytetrafluoroethylene sutures. 2006 , 81, 1625-31	41
1362	A three-dimensional ring annuloplasty for the treatment of tricuspid regurgitation. 2006 , 81, 2273-7	82
1361	Invited commentary. 2006 , 81, 2277-8	
1360	Survival advantage and improved durability of mitral repair for leaflet prolapse subsets in the current era. 2006 , 82, 819-26	323
1359	In-vivo dynamic deformation of the mitral valve anterior leaflet. 2006 , 82, 1369-77	111
1358	Epicardial real-time three-dimensional echocardiography in cardiac surgery: a preliminary experience. 2006 , 82, 2254-9	18
1357	Large annuloplasty rings facilitate mitral valve repair in Barlow's disease. 2006 , 82, 2096-100; discussion 2101	110
1356	Discrepancy between intraoperative transesophageal echocardiography and postoperative transthoracic echocardiography in assessing congenital valve surgery. 2006 , 82, 2240-6	15
1355	Folding valvuloplasty without leaflet resection: simplified method for mitral valve repair. 2006 , 82, e46-8	24

1354	Novel Technique of Aortic Valve Repair. 2006 , 36, 140	4
1353	Traitement chirurgical de l'infarctus et de ses complications [la phase aigu] 2006 , 1, 1-11	
1352	Prolapsus valvulaire mitral. 2006 , 1, 1-10	
1351	Usefulness of live/real time three-dimensional transthoracic echocardiography in the identification of individual segment/scallop prolapse of the mitral valve. 2006 , 23, 513-8	35
1350	Echocardiographic evaluation of mitral valve repair by modified "edge to edge" technique. 2006 , 23, 771-3	4
1349	The Pathophysiology of Ischemic Mitral Regurgitation: Implications for Surgical and Percutaneous Intervention. 2006 , 19, S78-S86	12
1348	Triangular resection and folding of posterior leaflet for mitral valve repair. 2006 , 21, 274-6; discussion 277	14
1347	Edge-to-edge technique to repair mitral commissural prolapse. 2006 , 54, 516-9	1
1346	Current concepts in mitral valve repair for degenerative disease. 2006 , 11, 241-57	31
1345	New techniques for percutaneous repair of the mitral valve. 2006 , 11, 259-68	24
1344	Surgical aspects of congestive heart failure. 2006 , 11, 171-92	10
1343	Development of a minimally invasive mitral valve surgery program [The Innsbruck experience]. 2006 , 38, 320-325	6
1342	Surgical techniques in patients with functional tricuspid valve insufficiency: experience with two reconstructive techniques. 2006 , 38, 330-337	
1341	[Aortic stenosis]. 2006 , 95, 620-41	28
1340	Verbesserung der Myokardfunktion nach Mitralklappen-Downsizing und Koronarrevaskularisation bei Patienten mit chronisch ischämischer Mitralklappeninsuffizienz und eingeschränkter linksventrikulärer Funktion. 2006 , 20, 113-121	1
1339	[Current aspects of mitral valve repair in the surgical treatment of mitral valve insufficiency]. 2006 , 31, 47-52	3
1338	[Mitral valve reconstruction without cardiopulmonary bypass. Border zone between cardiac surgery and interventional cardiology]. 2006 , 31, 406-12	2
1337	[Mitral regurgitation]. 2006 , 47, 275-283; quiz 284-5	1

1336	Midterm results of mitral valve repair with the Carpentier-Edwards rigid ring. 2006 , 54, 56-60		1
1335	Similar long-term results of mitral valve repair for anterior compared with posterior leaflet prolapse. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 131, 364-70	1.5	82
1334	Pitfalls and limitations in measuring and interpreting the outcomes of mitral valve repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 131, 523-9	1.5	40
1333	Endoscopic robotic mitral valve surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 132, 776-81	1.5	113
1332	Papillary muscle repositioning for repair of anterior leaflet prolapse caused by chordal elongation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 132, 578-84	1.5	20
1331	A simple method of preparing artificial chordae for mitral valve repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 132, 1486-7	1.5	18
1330	Chordal cutting does not adversely affect left ventricle contractile function. 2006 , 114, 1524-8		39
1329	Repair of bicuspid aortic valves in patients with aortic regurgitation. 2006 , 114, 1610-6		60
1328	Surgery insight: Current advances in percutaneous heart valve replacement and repair. 2006 , 3, 256-64		9
1327	Three-dimensional assessment of left ventricular geometry and annular dilatation provides new mechanistic insights into the surgical correction of ischemic mitral regurgitation. 2006 , 54, 452-8		8
1326	Midterm outcome of mitral valve repair for congenital mitral regurgitation in infants and children. 2006 , 5, 589-93		11
1325	ACC/AHA 2006 guidelines for the management of patients with valvular heart disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (writing committee to revise the 1998 Guidelines for the Management of Patients With Valvular Heart Disease), developed in collaboration with the Society of Cardiovascular Anesthesiologists, endorsed by the Society for Cardiovascular Angiography and Interventions and the Society of		1634
1324	Percutaneous Valve Interventions. 2006 , 2, 29-36		
1323	Mitral valve repair: better than replacement. 2006 , 92, 275-81		32
1322	Percutaneous mitral valve repair: a fertile field of innovative treatment strategies. 2006 , 113, 2269-71		13
1321	Percutaneous septal sinus shortening: a novel procedure for the treatment of functional mitral regurgitation. 2006 , 113, 2329-34		58
1320	The upside-down technique. A novel method to correct posterior leaflet prolapse. 2006 , 29, 1052-5		1
1319	Transoesophageal echocardiography (TOE) in the operating room. 2006 , 97, 77-84		49

1318	Treatment of Advanced Heart Disease. 2006,	1
1317	Surgical reconstruction of the mitral valve. 2006, 92, 1373-7	14
1316	Ischemic mitral regurgitation. 2006, 10, 73-7	11
1315	Mitral valve repair with Carpentier-McCarthy-Adams IMR ETlogix annuloplasty ring for ischemic mitral regurgitation: early echocardiographic results from a multi-center study. 2006, 114, 1588-93	73
1314	ACC/AHA 2006 Guidelines for the Management of Patients With Valvular Heart Disease: Executive Summary. 2006, 114, 450-527	157
1313	Aortic regurgitation with ventricular septal defect in the young. 2006, 14, 93-7	5
1312	Physiologic basis for the surgical treatment of ischemic mitral regurgitation. 2006, 4, 261-8	4
1311	Mitral regurgitation: Timing of valve surgery. 2007, 5, 48-52	1
1310	Mitral valve repair: critical analysis of the anatomy discussed. 2007, 2007, mmcts.2006.002147	4
1309	State of the art percutaneous intervention for the treatment of valvular heart disease: a review of the current technologies and ongoing research in the field of percutaneous valve replacement and repair. 2007, 107, 87-96	14
1308	[Reconstructive techniques for valvular heart disease]. 2007, 132, 97-102	
1307	Changes of myocardial function after combined coronary revascularization and mitral valve downsizing in patients with ischemic mitral regurgitation and advanced cardiomyopathy. 2007, 55, 1-6	8
1306	Meta-analysis of clinical outcomes following surgical mitral valve repair or replacement. 2007, 31, 267-75	130
1305	Polymers as replacement materials for heart valves and arteries. 2007, 111-140	3
1304	Geometric analysis of the anterior mitral leaflet and mitral valve orifice in cadaveric hearts. 2007, 71, 1794-9	12
1303	Mitral valve repair for degenerative mitral regurgitation. 2007, 8, 114-8	3
1302	Multicenter mitral valve study: a lateral approach using the da vinci surgical system. 2007, 2, 56-61	8
1301	Mitral insufficiency and its different aetiologies: old and new insights for appropriate surgical indications and treatment. 2007, 8, 108-13	4

1300	Mitral valve annuloplasty with a semirigid annuloplasty band in ischemic mitral regurgitation: early results. 2007 , 8, 499-503	3
1299	Percutaneous valve replacement: a paradigm shift. 2007 , 22, 471-7	2
1298	Surgical correction of ischaemic mitral regurgitation still a long way to go. 2008 , 29, 147-9	1
1297	The "hybrid flip-over" technique for anterior leaflet prolapse repair. 2007 , 83, 322-3	7
1296	Anterior mitral leaflet augmentation with autologous pericardium. 2007 , 83, 1560-1	21
1295	Simple, safe and easy technique to ensure the correct length of artificial chordae in mitral valve repair. 2007 , 83, 1902-3	20
1294	Mitral valve repair and replacement in endocarditis: a systematic review of literature. 2007 , 83, 564-70	124
1293	Mitral valve repair. 2007 , 84, 1066-8	
1292	Posterior leaflet extension with an autologous pericardial patch in rheumatic mitral insufficiency. 2007 , 84, 1043-4	20
1291	Mitral valve repair for infective endocarditis in children. 2007 , 84, 2059-65	15
1290	Totally Endoscopic Mitral Valve Repair. 2007 , 12, 226-234	5
1289	Etiologic classification of degenerative mitral valve disease: Barlow's disease and fibroelastic deficiency. 2007 , 19, 90-6	182
1288	Principles of reconstructive surgery in degenerative mitral valve disease. 2007 , 19, 103-10	80
1287	Outcomes of mitral valve repair for mitral regurgitation due to degenerative disease. 2007 , 19, 116-20	41
1286	Future directions in degenerative mitral valve repair. 2007 , 19, 127-32	8
1285	Wypadanie pātka zastawki dwudzielnej u dzieci. 2007 , 82, 647-652	
1284	The crossed swords sign: insights into the dilemma of repair in bileaflet mitral valve prolapse. 2007 , 20, 698-702	4
1283	Guā de prāctica clāica sobre el tratamiento de las valvulopatās. 2007 , 60, 625.e1-625.e50	10

1282	Anuloplastia remodeladora mediante un anillo específico para la reparación de la regurgitación mitral isquémica de tipo IIIb. 2007 , 60, 1151-1158		12
1281	Concomitant mitral valve surgery with aortic valve replacement: a 21-year experience with a single mechanical prosthesis. 2007 , 2, 24		12
1280	Remodeling Annuloplasty Using a Prosthetic Ring Designed for Correcting Type-IIIb Ischemic Mitral Regurgitation. 2007 , 60, 1151-1157		
1279	Mitral valve repair with "Double Teflon" technique: 10-year results. 2007 , 22, 448-53		5
1278	Safety and feasibility of acute percutaneous septal sinus shortening: first-in-human experience. 2007 , 69, 513-8		36
1277	Percutaneous mitral valve annuloplasty for ischemic mitral regurgitation: first in man experience with a temporary implant. 2007 , 69, 1053-61		58
1276	Lasker Clinical Research Award. The surprising rise of nonthrombogenic valvular surgery. 2007 , 13, 1165-8		25
1275	Reference values describing the normal mitral valve and the position of the papillary muscles. 2007 , 24, 665-72		10
1274	Live three-dimensional echocardiography in evaluation of Alfieri mitral valve repair a case report. 2008 , 25, 214-6		5
1273	Transcatheter mitral valve repair for functional mitral regurgitation: coronary sinus approach. 2007 , 20, 495-508		29
1272	Reinforced edge-to-edge commissural closure with mitral valvuloplasty. 2007 , 22, 137-8		3
1271	Systematic reductive annuloplasty of the mitral and tricuspid valves in patients with end-stage ischemic dilated cardiomyopathy. 2007 , 22, 111-6		6
1270	Annular-to-leaflet mismatch and the need for reductive annuloplasty in patients undergoing mitral repair for chronic mitral regurgitation due to mitral valve prolapse. 2007 , 99, 1434-9		23
1269	[Ischemic mitral regurgitation: contributions of exercise echocardiography and new therapeutic perspectives]. 2007 , 56, 289-96		1
1268	Long-term clinical results of mitral valvuloplasty using flexible and rigid rings: a prospective and randomized study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007 , 133, 995-1003	1.5	75
1267	Discussion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007 , 133, 1002-1003	1.5	
1266	Acute in vivo evaluation of a new stentless mitral valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007 , 133, 986-94	1.5	2
1265	The intraoperative "ink test": a novel assessment tool in mitral valve repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007 , 133, 1635-6	1.5	30

1264	Surgical strategy for the bicuspid aortic valve: tricuspidization with cusp extension versus pulmonary autograft. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007 , 134, 90-8	1.5	44
1263	A new method for artificial chordae length "tuning" in mitral valve repair: preliminary experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007 , 134, 454-9	1.5	22
1262	Analysis of 92 mitral pulmonary autograft replacement (Ross II) operations. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007 , 134, 902-8	1.5	31
1261	Discussion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007 , 134, 907-908	1.5	
1260	Cusp repair in aortic valve reconstruction: does the technique affect stability?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007 , 134, 1533-8; discussion 1538-9	1.5	113
1259	Assessment of functional anatomy of the mitral valve in patients with mitral regurgitation with cine magnetic resonance imaging: comparison with transesophageal echocardiography and surgical results. 2007 , 17, 3189-98		27
1258	Effect of mitral valve geometry on valve competence. 2007 , 22, 109-15		23
1257	Image Processing and Visualization ISCAS. 2007 , 2, 204-217		4
1256	Mitral valve reconstruction: long-term results of triangular resection for degenerative prolapse. 2008 , 56, 63-7		4
1255	Moderne Mitral- und Trikuspidalklappenchirurgie. 2008 , 3, 41-47		
1254	Tricuspid valve repair for treatment and prevention of secondary tricuspid regurgitation in patients undergoing mitral valve surgery. 2008 , 10, 110-7		40
1253	Degenerative mitral valve regurgitation: surgical echocardiography. 2008 , 10, 226-32		40
1252	Ischemic mitral regurgitation: recent advances. 2008 , 10, 529-37		14
1251	Technik der Mitralklappenrekonstruktion. 2008 , 22, 138-146		1
1250	Mapping of mitral regurgitant defects by cardiovascular magnetic resonance in moderate or severe mitral regurgitation secondary to mitral valve prolapse. 2008 , 10, 16		33
1249	Towards comprehensive assessment of mitral regurgitation using cardiovascular magnetic resonance. 2008 , 10, 61		56
1248	Comparison of real time two-dimensional with live/real time three-dimensional transesophageal echocardiography in the evaluation of mitral valve prolapse and chordae rupture. 2008 , 25, 1131-7		47
1247	Mitral valve repair in redo cardiac surgery. 2002 , 17, 40-5		16

1246	Simple repair of aortico-left ventricular tunnel in a newborn with early prenatal diagnosis. 2008 , 23, 368-70		6
1245	Long-term patency of cephalic vein in coronary bypass surgery. 2008 , 23, 370-2		
1244	Rhabdomyoma of the right atrium: report of a case. 2008 , 23, 372-4		
1243	Fractured inferior vena cava filter strut presenting as a penetrating foreign body in the right ventricle: report of a case. 2008 , 23, 378-81		14
1242	Life-threatening pulmonary embolism associated with a thrombus straddling a patent foramen ovale: report of a case. 2008 , 23, 376-8		13
1241	Quadruple valve surgery in carcinoid heart disease. 2008 , 23, 523-5		9
1240	Metabolism of hibernating myocardium assessed by microdialysis during surgical revascularization: report of a case. 2008 , 23, 374-6		1
1239	Survival after sequential mechanical complications of acute myocardial infarction, complicated with heparin-induced thrombocytopenia and multiple organ failure: report of a case. 2008 , 23, 381-4		
1238	Mitral valve repair for anterior leaflet prolapse: surgical techniques review and 16-year follow-up results. 2008 , 23, 426-30		6
1237	Third left pulmonary vein with abnormal return associated with arteriovenous fistula. 2008 , 23, 366-8		
1236	Fleur de Lys Repair of Posterior Mitral Valve Leaflet. 2008 , 13, 68-73		1
1235	Surgical treatment of congenital mitral valve disease: midterm results of a repair-oriented policy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 135, 1313-20; discussion 1320-1	1.5	57
1234	Seeking a higher standard for degenerative mitral valve repair: begin with etiology. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 136, 551-6	1.5	58
1233	A 20-year experience with mitral valve repair with artificial chordae in 608 patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 135, 1280-7	1.5	122
1232	Robotic mitral valve repairs in 300 patients: a single-center experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 136, 436-41	1.5	136
1231	How does the use of polytetrafluoroethylene neochordae for posterior mitral valve prolapse (loop technique) compare with leaflet resection? A prospective randomized trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 136, 1205; discussion 1205-6	1.5	148
1230	Thromboembolic complications after surgical correction of mitral regurgitation incidence, predictors, and clinical implications. 2008 , 51, 1203-11		96
1229	2008 focused update incorporated into the ACC/AHA 2006 guidelines for the management of patients with valvular heart disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (Writing Committee to revise the 1998 guidelines for the management of patients with valvular heart disease). Endorsed by the Society of Cardiovascular Anesthesiologists, Society for Cardiovascular Angiography and Interventions, and Society of Thoracic Surgeons. 2008 , 52, e1-142		1183

1228	The role of imaging in chronic degenerative mitral regurgitation. 2008 , 1, 221-37	58
1227	Mitral valve prolapse: a deeper look. 2008 , 1, 304-6	6
1226	Ischaemic mitral regurgitation and the role of surgical intervention. 2008 , 17 Suppl 4, S14-20	1
1225	Quantification of mitral-valve regurgitation in a paediatric population by real-time three-dimensional echocardiography. 2008 , 101, 697-703	6
1224	Mitral valve insufficiency: suspension of the posterior leaflet to the mitral annuloplasty ring. 2008 , 85, e6-8	6
1223	Implantation of Gore-Tex chordae on aortic valve leaflet to treat prolapse using "the chordae technique": surgical aspects and clinical results. 2008 , 85, 2019-24	12
1222	Left ventricular reverse remodeling after undersized mitral ring annuloplasty in patients with ischemic regurgitation. 2008 , 85, 1319-30	46
1221	Mitral valve abnormalities in hypertrophic cardiomyopathy: echocardiographic features and surgical outcomes. 2008 , 85, 1527-35, 1535.e1-2	108
1220	The influence of annuloplasty ring geometry on mitral leaflet curvature. 2008 , 86, 749-60; discussion 749-60	63
1219	Toward a new paradigm for the reconstruction of posterior leaflet prolapse: midterm results of the "respect rather than resect" approach. 2008 , 86, 718-25; discussion 718-25	175
1218	Reoperation for failure of mitral valve repair in degenerative disease: a single-center experience. 2008 , 86, 1480-4	36
1217	Valvular heart disease: a century of progress. 2008 , 121, 664-73	13
1216	Intraoperative application of geometric three-dimensional mitral valve assessment package: a feasibility study. 2008 , 22, 292-8	27
1215	Intraoperative assessment of perivalvular mitral regurgitation: utility of three-dimensional echocardiography. 2008 , 22, 431-4	6
1214	Invited commentary. 2008 , 85, 2024-5	
1213	Non-ischemic Severe Mitral Regurgitation: When and How to Operate? The Role of Echocardiography. 2008 , 16, 87-100	2
1212	A lesional classification to standardize surgical management of aortic insufficiency towards valve repair. 2008 , 33, 872-8; discussion 878-80	46
1211	Repair of aortic leaflet prolapse: a ten-year experience. 2008 , 34, 785-91	56

1210	Intraoperative echocardiography. 2008 , 94, 1236-43	11
1209	2008 Focused update incorporated into the ACC/AHA 2006 guidelines for the management of patients with valvular heart disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (Writing Committee to Revise the 1998 Guidelines for the Management of Patients With Valvular Heart Disease). endorsed by the Society of Cardiovascular Anesthetists, Society for Cardiovascular Angiography and Interventions, and Society of Thoracic Surgeons. 2008 , 118, e523-88	928
1208	Evolving concepts and technologies in mitral valve repair. 2008 , 117, 963-74	127
1207	Valve repair in rheumatic heart disease in pediatric age group. 2008 , 16, 129-33	6
1206	Huge pseudoaneurysm of deep femoral artery without history of catheterization. 2008 , 29, 149	
1205	Tricuspid valve annuloplasty for functional regurgitation. 2008 , 2008, mmcts.2007.002766	2
1204	Risk factors for posterior ventricular rupture after mitral valve replacement: results of 2560 patients. 2008 , 34, 780-4	49
1203	Current surgical management of mitral regurgitation. 2008 , 6, 481-90	1
1202	Should moderate or greater mitral regurgitation be repaired in all patients with LVEF . 2008 , 1, 285-9	2
1201	Effect of local annular interventions on annular and left ventricular geometry. 2008 , 33, 1049-54	3
1200	Surgical treatment of atrial fibrillation using cryotherapy in patients undergoing mitral valve surgery. 2008 , 7, 990-5	16
1199	Editorial comment. 2008 , 33, 878-880	
1198	Trans-coronary-venous interventions. 2008 , 1, 134-42	8
1197	Differences in mitral valve-left ventricle dimensions between a beating heart and during saline injection test. 2008 , 34, 755-9	5
1196	Early and late results of restrictive mitral valve annuloplasty in 121 patients with cardiomyopathy and chronic mitral regurgitation. 2008 , 56, 262-8	18
1195	Saddle-shaped mitral valve annuloplasty rings experience lower forces compared with flat rings. 2008 , 118, S250-5	88
1194	Congenital mitral valve regurgitation in adult patients. A rare, often misdiagnosed but repairable, valve disease. 2008 , 34, 751-4	15
1193	Assessment of valvular function and abnormalities with TEE. 2008 , 46, 63-81	

1192	Unsupported valvuloplasty for degenerative mitral regurgitation: long-term results. 2008 , 90, 363-9	1
1191	An evaluation of mitral valve procedures using the European system for cardiac operative risk evaluation. 2008 , 97, 254-8	5
1190	New technology: valve repair using biodegradable rings. 2008 , 23, 556-61	3
1189	Primary idiopathic chylopericardium--case report. 2009 , 92, e40-3, e67-70	7
1188	Experience with the posterior leaflet extension technique for correction of rheumatic mitral insufficiency in children. 2009 , 24, 567-9	1
1187	Comparison of outcomes of minimally invasive mitral valve surgery for posterior, anterior and bileaflet prolapse. 2009 , 36, 532-8	92
1186	Mitral repair versus replacement for ischemic mitral regurgitation: comparison of short-term and long-term survival. 2009 , 120, S104-11	110
1185	Outcomes of mitral valve repair for chronic ischemic mitral regurgitation. 2009 , 17, 29-34	3
1184	Ischemic mitral regurgitation: a complex multifaceted disease. 2009 , 112, 244-59	105
1183	Early and mid-term functional and survival benefits in ischaemic versus degenerative mitral valve repair using Duran flexible ring: a single surgeon series. 2009 , 9, 471-5	1
1182	Advances in mitral valve repair. 2009 , 5, 511-6	6
1181	Repair of aortic valve cusp prolapse. 2009 , 2009, mmcts.2008.003806	4
1180	Long-term clinical outcome of mitral valve repair in asymptomatic severe mitral regurgitation. 2009 , 36, 539-45	22
1179	Transapical endovascular implantation of neochordae using a suction and suture device. 2009 , 36, 118-22; discussion 122-3	16
1178	Moderate mitral regurgitation in patients undergoing CABG--the MoMIC trial. 2009 , 43, 50-6	6
1177	Left ventricular remodeling following ischemic mitral valve repair: predictive factors. 2009 , 43, 57-62	2
1176	Long-term results after mitral valve repair in children. 2010 , 37, 267-72	5
1175	Comparison of early surgery versus conventional treatment in asymptomatic severe mitral regurgitation. 2009 , 119, 797-804	206

1174	Re-repair of the left atrioventricular valve in atrioventricular septal defects: the morphologic approach to the role of Gore-tex band reduction annuloplasty. 2010 , 37, 273-8		3
1173	Current status of surgery for degenerative mitral valve disease. 2009 , 51, 454-9		5
1172	Infective endocarditis of the mitral valve: optimal management. 2009 , 51, 472-7		3
1171	Repair-oriented classification of aortic insufficiency: impact on surgical techniques and clinical outcomes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009 , 137, 286-94	1.5	245
1170	Mitral leaflet anatomy revisited. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009 , 137, 1077-81	1.5	37
1169	Mitral valve hemodynamics after repair of acute posterior leaflet prolapse: quadrangular resection versus triangular resection versus neochordoplasty. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009 , 138, 309-15	1.5	66
1168	Discussion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009 , 138, 314-315	1.5	
1167	Long-term survival in asymptomatic patients with severe degenerative mitral regurgitation: a propensity score-based comparison between an early surgical strategy and a conservative treatment approach. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009 , 138, 1339-48	1.5	92
1166	An expansible aortic ring for a physiological approach to conservative aortic valve surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009 , 138, 718-24	1.5	57
1165	Mitral regurgitation. 2009 , 34, 93-136		15
1164	Long-term safety and durability of percutaneous septal sinus shortening (The PS(3) System) in an ovine model. 2009 , 73, 540-8		12
1163	Mitral valve repair for degenerative disease with leaflet prolapse: to improve long-term outcomes. 2009 , 57, 10-21		9
1162	Beginning and development of surgery for acquired valvular heart disease in Japan. 2009 , 57, 573-84		
1161	Influence of involvement of anterior leaflet versus posterior leaflet on residual regurgitation as assessed by transesophageal echocardiography in patients undergoing valve repair for mitral regurgitation due to mitral valve prolapse. 2009 , 7, 54		2
1160	Mitral valve replacement in "complex" mitral insufficiency: an unusual case of an isolated hammock mitral valve. 2009 , 24, 141-2		1
1159	Isolated cleft in the posterior mitral valve leaflet: a congenital form of mitral regurgitation. 2009 , 32, 553-60		28
1158	Left ventricular diastolic function after restrictive mitral ring annuloplasty in chronic ischemic mitral regurgitation and its predictive value on outcome and recurrence of regurgitation. 2009 , 132, 419-28		13
1157	Perioperative management of a patient with Chagas disease having mitral valve surgery. 2009 , 21, 282-5		1

1156	Minimally invasive mitral valve surgery after previous sternotomy: experience in 181 patients. 2009 , 87, 709-14	83
1155	Valve repair with autologous pericardium for organic lesions in rheumatic tricuspid valve disease. 2009 , 87, 726-30	11
1154	Chordae replacement versus resection for repair of isolated posterior mitral leaflet prolapse: <i>Galit</i> 2009 , 87, 1715-20	106
1153	Early clinical experience and echocardiographic results with a new semirigid mitral annuloplasty ring: the Sorin Memo 3D. 2009 , 88, 1492-8	14
1152	State of the art: degenerative mitral valve disease. 2009 , 18, 319-29	18
1151	Isolated Ventricular Septal Defect. 183-205	
1150	Surgery of secondary mitral insufficiency in patients with impaired left ventricular function. 2009 , 4, 36	11
1149	Transcatheter cardiac valve interventions. 2009 , 89, 951-66, x	1
1148	Biomedical Engineering Systems and Technologies. 2009 ,	0
1147	Valvular Heart Disease. 2009 ,	3
1146	Long-term outcome of mitral valve repair for infective endocarditis. 2009 , 88, 733-9; discussion 739	19
1145	Mitral valve repair for degenerative disease: a 20-year experience. 2009 , 88, 1828-37	66
1144	Intraoperative classification of mitral valve dysfunction: the role of the anesthesiologist in mitral valve reconstruction. 2009 , 23, 531-43	12
1143	Pro: Mitral regurgitation can be reliably assessed under general anesthesia. 2009 , 23, 555-7	3
1142	Con: Mitral regurgitation can be reliably assessed under general anesthesia. 2009 , 23, 558-60	6
1141	Mitral regurgitation. 2009 , 373, 1382-94	552
1140	Alternatives to transplantation in the surgical therapy for heart failure. 2009 , 35, 214-28	24
1139	Multiple triangular resection: a reliable technique for correction of multiple prolapse of the mitral valve. 2009 , 10, 804-5	

1138	Transcatheter mitral valve repair: a high mountain to climb. 2010 , 12, E46-E51		3
1137	Functional valve assessment: the emerging role of cardiovascular magnetic resonance. 2010 , 6, 15-9		7
1136	Surgical options of ischemic mitral regurgitation. 2010 , 18, 163-70		8
1135	Novel techniques in mitral repair: extended and rotational chordal transfer. 2010 , 5, 63-6		1
1134	Transcatheter aortic and mitral valve interventions: update 2010. 2010 , 2, 513-523		4
1133	Heart valve surgery in octogenarians: operative and long-term results. 2010 , 25, 522-8		17
1132	Behandlungsfehler ohne Schadensersatzansprüche. 2010 , 24, 218-220		2
1131	Development of personalized annuloplasty rings: combination of CT images and CAD-CAM tools. 2010 , 38, 280-90		21
1130	Three-dimensional Echocardiography of the Mitral Valve Leaflet Anatomy and Repair. 2010 , 3, 268-275		
1129	The Mitral Valve by Three-Dimensional Echocardiography. 2010 , 3, 252-257		
1128	Chirurgische Therapie der Mitralinsuffizienz. 2010 , 4, 163-172		1
1127	Early results of minimally invasive mitral valve surgery: initial series in a public hospital in Australia. 2010 , 58, 568-72		1
1126	Current concepts in mitral valve prolapse--diagnosis and management. 2010 , 56, 125-33		43
1125	Management of valvular mitral regurgitation: the importance of risk stratification. 2010 , 56, 255-61		5
1124	Surgical management of valvular heart disease. 2010 , 38, 545-549		
1123	Aortic valve reconstruction in myxomatous degeneration of aortic valves: are fenestrations a risk factor for repair failure?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 139, 660-4	1.5	33
1122	Four decades of experience with mitral valve repair: analysis of differential indications, technical evolution, and long-term outcome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 139, 76-83; discussion 83-4	1.5	119
1121	Is robotic mitral valve repair a reproducible approach?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 139, 628-33	1.5	41

1120	Surgical management of secondary tricuspid valve regurgitation: annulus, commissure, or leaflet procedure?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 139, 1473-1482.e5	1.5	186
1119	Aortic valve repair by cusp extension for rheumatic aortic insufficiency in children: Long-term results and impact of extension material. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 140, 836-47	1.5	45
1118	An aortic ring: from physiologic reconstruction of the root to a standardized approach for aortic valve repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 140, S28-35; discussion S45-51	1.5	62
1117	Leaflet suspension to the contralateral annulus to address restriction or tethering-induced mitral and tricuspid regurgitation in children: results of a case-control study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 140, 1110-6	1.5	6
1116	Discussion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 140, 1115-1116	1.5	
1115	Tricuspid valve repair with neopapillary muscle from right ventricular trabecula. 2010 , 90, 320-2		1
1114	Ten-year results of folding plasty in mitral valve repair. 2010 , 89, 485-8		20
1113	Midterm results of repair of perimembranous or conal ventricular septal defects using the transaortic direct suture technique. 2010 , 89, 1244-9		3
1112	Midterm results of valve repair with a biodegradable annuloplasty ring for acute endocarditis. 2010 , 89, 1180-5		20
1111	Invited commentary. 2010 , 89, 1185-6		1
1110	First finite element model of the left ventricle with mitral valve: insights into ischemic mitral regurgitation. 2010 , 89, 1546-53		96
1109	Mitral valve growth after posterior annular stabilization with untreated autologous pericardial strip in children with mitral valve insufficiency. 2010 , 90, 1577-85; discussion 1585		21
1108	Anterior mitral leaflet length: predictor for mitral valve repair in a rheumatic population. 2010 , 90, 1930-3		21
1107	Preoperative scallop-by-scallop assessment of mitral prolapse using 2D-transthoracic echocardiography. 2010 , 8, 1		14
1106	A simplified echocardiographic measurements of direct effects of restrictive annuloplasty on mitral valve geometry. 2010 , 27, 931-6		6
1105	Mitral annuloplasty with a flexible linear reducer. 1995 , 10, 99-103		4
1104	Late echocardiographic and clinical outcomes after mitral valve repair for degenerative disease. 2010 , 25, 9-15		14
1103	Posttraumatic coronary artery-right ventricular fistula with multiple ventricular septal defects. 2010 , 25, 670-1		5

1102	Low cardiac output due to left main coronary embolism during mitral valve replacement. 2010 , 25, 658-60	4
1101	The role of the edge-to-edge repair in the surgical treatment of mitral regurgitation. 2010 , 25, 536-41	47
1100	Combined off-pump transapical transcatheter aortic valve implantation and minimally invasive direct coronary artery bypass. 2010 , 25, 660-2	16
1099	Cardiac hemangioma presenting with angina pectoris. 2010 , 25, 664-6	
1098	Myasthenia gravis--an unexpected cause of respiratory failure and reversible left ventricular dysfunction after cardiac surgery. 2010 , 25, 662-4	4
1097	Endovascular repair of an internal mammary artery to pulmonary artery acquired fistula. 2010 , 25, 666-8	
1096	Preoperative exchange transfusion for sickle cell disease patients undergoing open-heart surgery: an exception to the rule. 2010 , 25, 691-3	9
1095	Surgical treatment of giant intramural left ventricular fibroma in an adult patient with refractory ventricular tachycardia. 2010 , 25, 656-8	8
1094	Obstruction of the tricuspid valve orifice by a huge right atrial myxoma associated with the Carney complex: a case report. 2010 , 25, 674-6	1
1093	Abscess transformation of intracardiac hematoma and ventricular rupture after double-patch repair of postinfarction ventricular septal defect. 2010 , 25, 676-9	7
1092	Left ventricular pseudoaneurysm arising between two papillary muscles: repair without mitral regurgitation. 2010 , 25, 668-70	1
1091	Surgical correction of congenital heart disease at 76 years of age. 2010 , 25, 672-4	
1090	Left main coronary artery fistula to the right atrium and superior vena cava: case report and review of the literature. 2010 , 25, 689-91	1
1089	Transcaval migration of an acupuncture needle from the abdominal cavity to the heart. 2010 , 25, 654-6	9
1088	Successful repair of a traumatic ventricular septal defect using an amplatzer occluder guided by three-dimensional transesophageal echocardiography. 2010 , 25, 685-9	3
1087	Annuloplasty ring removal from patients with hemolysis after mitral valve repair. 2010 , 25, 683-5	3
1086	Takotsubo cardiomyopathy associated with cardiac arrest following cardiac surgery: new variants of an unusual syndrome. 2010 , 25, 679-83	10
1085	Isolated congenital mitral valve regurgitation presenting in the first year of life. 2010 , 46, 159-65	2

1084 Mitral valve disease. 108-134

1083 Anomalies of the Morphologically Mitral Valve. **2010**, 731-751 1

1082 Indications for surgery and operative techniques in infective endocarditis in the present day. **2010**, 10, 32-46 13

1081 Transesophageal echocardiographic evaluation during aortic valve repair surgery. **2010**, 111, 59-70 39

1080 Surgical management of valve disease in the early 21st century. **2010**, 10, 177-81 6

1079 Relief of mitral leaflet tethering following chronic myocardial infarction by chordal cutting diminishes left ventricular remodeling. **2010**, 3, 679-86 26

1078 Aortic Root Surgery. **2010**, 3 3

1077 Measured posterior annuloplasty for repair of non-ischemic mitral regurgitation. A single unit follow-up. **2010**, 10, 81-5 4

1076 Clinical Guide to Primary Angioplasty. **2010**,

1075 Mitral valve repair: past, present, and future. **2010**, 18, 586-95 12

1074 Parabolic resection for mitral valve repair. **2010**, 10, 222-7 2

1073 Factors influencing survival and postoperative quality of life after mitral valve reconstruction. **2010**, 37, 635-44 28

1072 Mitral annular dynamics in myxomatous valve disease: new insights with real-time 3-dimensional echocardiography. **2010**, 121, 1423-31 183

1071 Chronic ischaemic mitral regurgitation. Current treatment results and new mechanism-based surgical approaches. **2010**, 37, 170-85 74

1070 Loop technique. **2010**, 2010, mmcts.2010.004523 5

1069 Pre-operative transthoracic real-time three-dimensional echocardiography in patients undergoing mitral valve repair: accuracy in cases with simple vs. complex prolapse lesions. **2010**, 11, 778-85 37

1068 The echocardiographic assessment of functional mitral regurgitation. **2010**, 11, i11-17 40

1067 Recommendations for transoesophageal echocardiography: update 2010. **2010**, 11, 557-76 161

1066	Mitral valve regurgitation and 3D echocardiography. 2010 , 6, 231-42	6
1065	Repair of mitral-valve prolapse. 2010 , 362, 857	0
1064	Effects of obesity and smoking on U.S. life expectancy. 2010 , 362, 855-6; author reply 856-7	37
1063	Aortic valve repair leads to a low incidence of valve-related complications. 2010 , 37, 127-32	208
1062	Cirug� reparadora de la insuficiencia mitral degenerativa. An�lisis, resultados y seguimiento de 100 pacientes. 2010 , 17, 301-309	1
1061	Functional anatomy of tricuspid regurgitation in patients with systemic right ventricles. 2010 , 23, 504-10	11
1060	Cirug� reparadora de la insuficiencia mitral degenerativa: hacia una t�cnica fiable y previsible. 2010 , 17, 311-313	
1059	Anatomy of the mitral valvular complex and its implications for transcatheter interventions for mitral regurgitation. 2010 , 56, 617-26	74
1058	Is an anterior mitral leaflet prolapse still a challenge?. 2010 , 103, 192-5	2
1057	Is mitral valve repair superior to replacement for chronic ischemic mitral regurgitation with left ventricular dysfunction?. 2010 , 5, 107	15
1056	Mitral valve repair for ischemic mitral regurgitation using the Carpentier-McCarthy-Adams IMR ETlogix� ring: medium-term echocardiographic findings. 2010 , 63, 1200-4	2
1055	Degenerative mitral valve regurgitation: best practice revolution. 2010 , 31, 1958-66	246
1054	From dynamic anatomy to conservative aortic valve surgery: the tale of the ring. 2010 , 102-132	6
1053	Reparaci�n mitral de la insuficiencia mitral isqu�mica con anillo Carpentier-McCarthy-Adams IMR ETlogix� : resultados ecocardiogr�ficos a medio plazo. 2010 , 63, 1200-1204	7
1052	Advances in aortic valve repair: focus on functional approach, clinical outcomes, and central role of echocardiography. 2010 , 24, 1016-20	37
1051	Bileaflet repair for barlow syndrome. 2010 , 22, 179-83	4
1050	Percutaneous Treatment of Left Side Cardiac Valves. 2010 ,	1
1049	Echocardiography in mitral regurgitation with relevance to valve surgery. 2011 , 24, 1086-91	16

- 1048 Seguimiento a tres años de la reparación valvular mitral con neocuerdas de politetrafluoroetileno expandido (ePTFE) en 40 pacientes: resultados clínicos y ecocardiográficos. **2011**, 46, 115-121
- 1047 Mitral valve repair using biodegradable annuloplasty rings. **2011**, 57-66 2
- 1046 The value of three-dimensional echocardiography derived mitral valve parametric maps and the role of experience in the diagnosis of pathology. **2011**, 24, 860-7 33
- 1045 Impact of preoperative anterior leaflet tethering on the recurrence of ischemic mitral regurgitation and the lack of left ventricular reverse remodeling after restrictive annuloplasty. **2011**, 24, 1365-75 38
- 1044 Mitral valve repair and annular motion: is less really more?. **2011**, 24, 1243-5
- 1043 New Solutions for the Heart. **2011**, 3
- 1042 Mitral Valve Surgery. **2011**, 2
- 1041 Pathologie valvulaire : 50 ans de progrès!. **2011**, 2011, 21-23 1
- 1040 Reparative surgery for degenerative mitral valve regurgitation. **2011**, 44, 211-214
- 1039 [Rapidly evolving techniques for structural heart disease interventions]. **2011**, 64 Suppl 2, 19-27 2
- 1038 [Surgical echocardiography of the mitral valve]. **2011**, 64, 1169-81 24
- 1037 Watchful waiting for severe mitral regurgitation. **2011**, 23, 203-8 20
- 1036 Surgical Echocardiography of the Mitral Valve. **2011**, 64, 1169-1181 1
- 1035 An echocardiographic evaluation of valvular function and ventricular patch repair during surgical exclusion of left ventricular pseudoaneurysm. **2011**, 113, 713-6 1
- 1034 Mitral-valve surgery in the elderly: comparative results of mitral repair and replacement. **2011**, 7, 265-270
- 1033 Is there a role for surgeons in transcatheter mitral valve procedures?. **2011**, 26, 99-105 2
- 1032 Mitral valve area by the pressure half-time method does not correlate with mean gradient in mitral valve repair patients. **2011**, 12, 124-30 1
- 1031 Transapical neo-chord implantation. **2011**, 2011, 3

1030	Mitral valve replacement using a mitral homograft. 2011 , 2011, mmcts.2010.004903		2
1029	Increasing mitral valve repair rates with nonresectional techniques. 2011 , 6, 209-20		9
1028	The role of intraoperative transesophageal echocardiography in robotic mitral valve repair. 2011 , 28, 85-91		9
1027	Preoperative assessment of mitral valve prolapse and chordae rupture using real time three-dimensional transesophageal echocardiography. 2011 , 28, 1003-10		5
1026	Mitral valve repair for disruptive acute endocarditis: extensive replacement of posterior leaflet with bovine pericardium. 2011 , 26, 31-3		4
1025	Resecting and nonresecting techniques for posterior mitral leaflet prolapse. 2011 , 26, 119-23		12
1024	Respective prevalence of the different carpentier classes of mitral regurgitation: a stepping stone for future therapeutic research and development. 2011 , 26, 385-92		83
1023	Pulmonary hypertension adversely affects short- and long-term survival after mitral valve operation for mitral regurgitation: implications for timing of surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 142, 1439-52	1.5	96
1022	Real-time three-dimensional transesophageal echocardiography for assessment of mitral valve functional anatomy in patients with prolapse-related regurgitation. 2011 , 107, 1365-74		86
1021	Undersized tricuspid annuloplasty rings optimally treat functional tricuspid regurgitation. 2011 , 92, 89-95; discussion 96		44
1020	Saddle-shape annuloplasty increases mitral leaflet coaptation after repair for flail posterior leaflet. 2011 , 92, 797-803		33
1019	Invited commentary. 2011 , 92, 803-4		
1018	Posterior chordal cutting in rheumatic mitral regurgitation due to hypomobility of the posterior leaflet. 2011 , 92, 1532-3		
1017	Mitral valve replacement is a viable alternative to mitral valve repair for ischemic mitral regurgitation: a case-matched study. 2011 , 92, 1358-65; discussion 1365-6		43
1016	Aortic regurgitation after valve-sparing aortic root replacement: modes of failure. 2011 , 92, 1639-44		45
1015	Butterfly resection is safe and avoids systolic anterior motion in posterior leaflet prolapse repair. 2011 , 92, 2097-102; discussion 2102-3		25
1014	Atrioventricular valve repair in patients with single-ventricle physiology: mechanisms, techniques of repair, and clinical outcomes. 2011 , 14, 75-84		26
1013	Mitralklappenrekonstruktion bei degenerativer Mitralinsuffizienz. 2011 , 25, 251-257		1

1012	Characterization of mitral valve annular dynamics in the beating heart. 2011 , 39, 1690-702	53
1011	[Treating mitral regurgitation: a surgical and interventional update]. 2011 , 36, 677-85	3
1010	In vivo dynamic strains of the ovine anterior mitral valve leaflet. 2011 , 44, 1149-57	54
1009	Mitral regurgitation: current trends in diagnosis and management. 2011 , 39, 181-92	4
1008	Cardiac imaging in valvular heart disease. 2011 , 84 Spec No 3, S245-57	10
1007	Chirurgische Therapie der funktionellen Trikuspidalklappeninsuffizienz. 2011 , 7, 250-256	
1006	Three-dimensional Echocardiography. 2011 ,	3
1005	Characterization of degenerative mitral valve disease using morphologic analysis of real-time three-dimensional echocardiographic images: objective insight into complexity and planning of mitral valve repair. 2011 , 4, 24-32	124
1004	Degenerative Mitral Valve Repair. 2011 ,	
1003	Management-oriented classification of mitral valve regurgitation. 2011 , 2011, 858714	2
1002	Mitral valve surgery in octogenarians: should we fight for repair? A survival and quality-of-life assessment. 2011 , 39, 875-80	39
1001	The impact of mitral regurgitation on patients undergoing catheter ablation of atrial fibrillation. 2011 , 13, 1127-32	32
1000	A novel design of posterior leaflet butterfly resection for mitral valve repair. 2011 , 6, 54-6	13
999	Percutaneous edge-to-edge MitraClip therapy in the management of mitral regurgitation. 2011 , 32, 2350-7	57
998	Surgery for chronic ischemic mitral regurgitation - which mitral intervention?. 2011 , 9, 587-97	2
997	Minimally invasive robotic mitral valve surgery. 2011 , 8, 115-20	10
996	MECHANICAL PROPERTIES OF CHORDAE TENDINEAE OF THE MITRAL HEART VALVE: YOUNG'S MODULUS, STRUCTURAL STIFFNESS, AND EFFECTS OF AGING. 2011 , 11, 221-230	27
995	Textbook of Real-Time Three Dimensional Echocardiography. 2011 ,	6

994	Clinical outcomes of mitral valve repair in mitral regurgitation: a prospective analysis of 100 consecutive patients. 2011 , 11, 542-50	1
993	Pericardial patch anterior leaflet extension in rheumatic mitral insufficiency. 2011 , 39, 1061-3	4
992	Multimodality imaging before, during, and after percutaneous mitral valve repair. 2011 , 97, 1704-14	23
991	Chordal replacement for leaflet prolapse in a posterior mitral valve with a calcified mitral annulus. 2012 , 15, 547-9	1
990	Mitral valve operations at a high-volume pediatric heart center: Evolving techniques and improved survival with mitral valve repair versus replacement. 2012 , 5, 13-20	25
989	Early outcomes of chordal reconstruction for posterior mitral leaflet prolapse. 2012 , 20, 24-9	3
988	Minimally invasive mitral valve surgery is a very safe procedure with very low rates of conversion to full sternotomy. 2012 , 42, e13-5; discussion e16	49
987	Successful repair of bicuspid aortic valve with two raphae. 2012 , 20, 452-4	
986	Cardiac magnetic resonance for mitral regurgitation diagnosis: when is it needed?. 2012 , 27, 485-91	3
985	Should complex mitral valve repair be routinely performed using a minimally invasive approach?. 2012 , 27, 118-24	15
984	Aortic valve repair: a glimpse into the future. 2012 , 41, 2-3	4
983	Folding mitral valvuloplasty without posterior leaflet resection for calcified mitral annulus. 2012 , 14, 143-5	2
982	How to establish video assisted, minimally invasive mitral valve surgery. 2012 , 98, 1172-8	9
981	Right-sided infective endocarditis: surgical management. 2012 , 42, 470-9	86
980	Functional mitral regurgitation: modern concepts for ventricular geometry reshaping. 2012 , 9, 131-8	2
979	Study of mitral valve in human cadaveric hearts. 2012 , 13, 132-5	10
978	Outcomes of aortic valve repair according to valve morphology and surgical techniques. 2012 , 15, 644-50	9
977	Mitral annuloplasty using an intra-annular ring. 2012 , 2012, mms019	2

976	Plasties mitrales: techniques chirurgicales. 2012 , 7, 1-13	
975	Mitralvitien - Update der chirurgischen Therapie. 2012 , 1, 144-148	
974	Pulmonary venous diastolic flow reversal in severe aortic regurgitation. 2012 , 26, 283-5	
973	Comprehensive annular and subvalvular repair of chronic ischemic mitral regurgitation improves long-term results with the least ventricular remodeling. 2012 , 126, 2720-7	26
972	Biomechanical assessment of surgical repair of the mitral valve. 2012 , 226, 275-87	13
971	Left Ventricular Inflow Regurgitation. 2012 , 386-400	
970	Peak mechanical loads induced in the in vitro edge-to-edge repair of posterior leaflet flail. 2012 , 94, 1446-53	10
969	Anuloplastia tricóspide con anillo biodegradable. 2012 , 19, 373-375	
968	The rheumatic mitral valve and repair techniques in children. 2012 , 15, 80-7	13
967	Resecció cuadrangular frente al uso de neocuerdas en la reparació del velo posterior mitral. Resultados clínicos y ecocardiográficos. 2012 , 19, 39-46	0
966	Reparació quirúrgica de la insuficiencia mitral. 2012 , 47, 105-109	0
965	Reparació valvular mitral en un caso de endocarditis de Libman-Sacks. 2012 , 19, 329-331	
964	Optimizing procedural outcomes in percutaneous mitral valve therapy using transesophageal imaging: a stepwise analysis. 2012 , 10, 901-16	9
963	Patch valvuloplasty in patients with posterior chordae rupture. 2012 , 154, 206-7	6
962	World Heart Federation criteria for echocardiographic diagnosis of rheumatic heart disease--an evidence-based guideline. 2012 , 9, 297-309	440
961	Treatment and management of mitral regurgitation. 2011 , 9, 133-46	33
960	Prognostic value of pulmonary hypertension in patients undergoing surgery for degenerative mitral valve disease with leaflet prolapse. 2012 , 27, 668-75	9
959	Echocardiographic anatomy of the mitral valve: a critical appraisal of 2-dimensional imaging protocols with a 3-dimensional perspective. 2012 , 26, 777-84	14

958	Assessment of the morphological features of degenerative mitral valve disease using 64-slice multi detector computed tomography. 2012 , 6, 415-21		16
957	Tricuspid valve repair in single ventricle: timing and techniques. 2012 , 15, 61-8		22
956	Mitral Valve Diseases. 2012 , 15-135		
955	Mitral valve repair under cardiopulmonary bypass in small-breed dogs: 48 cases (2006-2009). 2012 , 240, 1194-201		36
954	Mitral valve mobility. 2012 , 18, 409-11		
953	Mitral valve prolapse. 2012 , 63, 277-92		47
952	Characterization of mitral valve prolapse with cardiac computed tomography: comparison to echocardiographic and intraoperative findings. 2012 , 28, 855-63		19
951	Ischemic mitral regurgitation: not only a bystander. 2012 , 14, 180-9		11
950	On the in vivo deformation of the mitral valve anterior leaflet: effects of annular geometry and referential configuration. 2012 , 40, 1455-67		78
949	Assessment of mitral annulus (p3 segment) asymmetric deformity in myocardial infarction with ischemic regurgitation by real time three-dimensional echocardiography. 2012 , 29, 42-50		2
948	Percutanenous therapies for mitral regurgitation. 2012 , 37, 42-68		7
947	The effect of mitral annuloplasty shape in ischemic mitral regurgitation: a finite element simulation. 2012 , 93, 776-82		44
946	Mitral valve repair with artificial chordae: a review of its history, technical details, long-term results, and pathology. 2012 , 93, 684-91		53
945	540 consecutive robotic mitral valve repairs including concomitant atrial fibrillation cryoablation. 2012 , 94, 38-42; discussion 43		113
944	A modified chordal transfer technique to treat anterior mitral leaflet prolapse. 2012 , 27, 166-9		
943	Pseudoprolapse of the anterior leaflet in chronic ischemic mitral regurgitation: identification and repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 143, S33-7	1.5	13
942	Long-term (150 years) results of patients after mitral valve commissurotomy--a single-center experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 143, S96-8	1.5	6
941	Correction of anterior mitral prolapse: the parachute technique. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 143, S24-8	1.5	4

940	Outcomes of mitral valve repair for bileaflet prolapse. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 143, S21-3	1.5	18
939	Rationale and initial experience with the Tri-Ad Adams tricuspid annuloplasty ring. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 143, S71-3	1.5	14
938	Hammock mitral valve in an adult patient. 2012 , 60, 53-5		4
937	Real-time three-dimensional transesophageal echocardiography to predict artificial chordae length for mitral valve repair. 2013 , 8, 137		8
936	Anatomy of the mitral valve apparatus: role of 2D and 3D echocardiography. 2013 , 31, 151-64		75
935	Echocardiographic assessment of mitral regurgitation: general considerations. 2013 , 31, 165-8		2
934	Hourglass-shaped resection technique for repair of tall mitral valve posterior leaflet prolapse. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 146, 275-7	1.5	8
933	Minimally invasive mitral valve repair for anterior leaflet prolapse. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 146, 109-13	1.5	16
932	Functional Imaging and Modeling of the Heart. 2013 ,		12
931	Konsensus der Deutschen Gesellschaft für Kardiologie – Herz- und Kreislaufforschung und der Deutschen Gesellschaft für Thorax-, Herz- und Gefäßchirurgie zur Behandlung der Mitralklappeninsuffizienz. 2013 , 7, 76-90		26
930	Interventionelle Behandlung der Mitralklappeninsuffizienz mit dem MitraClip® -Verfahren. 2013 , 7, 91-104		26
929	Left ventricular noncompaction complicated by mitral valve prolapse: report of a case. 2013 , 43, 818-20		4
928	Percutaneous edge-to-edge mitral valve repair. Current clinical evidence with the MitraClip System. 2013 , 38, 448-52		
927	[Mitral regurgitation in heart failure. Surgical therapy]. 2013 , 38, 126-35		
926	Cardiac Pathology. 2013 ,		2
925	Posterior ventricular anchoring neochordal repair of degenerative mitral regurgitation efficiently remodels and repositions posterior leaflet prolapse. 2013 , 44, 485-9; discussion 489		19
924	3-dimensional echocardiography and its role in preoperative mitral valve evaluation. 2013 , 31, 271-85		7
923	Ischemic mitral regurgitation: mechanisms, intraoperative echocardiographic evaluation, and surgical considerations. 2013 , 31, 281-98		5

922	Left ventricular systolic function in ischemic mitral regurgitation: time to look beyond ejection fraction. 2013 , 26, 1130-1134		9
921	Edge-to-edge repair for prevention and treatment of mitral valve systolic anterior motion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 146, 836-40	1.5	22
920	Handbook on Advanced Design and Manufacturing Technologies for Biomedical Devices. 2013 ,		21
919	Early outcome of folding mitral valve repair technique without resection for mitral valve prolapse in 60 patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, 104-8; discussion 108-9	1.5	8
918	Discussion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, 108-109	1.5	1
917	Can both A2 and P2 scallop prolapses in barlow disease be repaired sufficiently with edge-to-edge sutures?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, 315-6	1.5	
916	Surgical treatment of aortic valve regurgitation secondary to ascending aorta aneurysm: is adjunctive subcommissural annuloplasty necessary?. 2013 , 95, 586-92		2
915	Left ventricular dyssynchrony is associated with recurrence of ischemic mitral regurgitation after restrictive annuloplasty. 2013 , 168, 176-84		3
914	Quantification of mitral valve regurgitation with color flow Doppler using baseline shift. 2013 , 29, 267-74		4
913	Citation classics: Top 50 cited articles in 'respiratory system'. 2013 , 18, 71-81		36
912	Long-term outcome in dogs undergoing mitral valve repair with suture annuloplasty and chordae tendinae replacement. 2013 , 54, 104-7		17
911	Resultados clínicos y ecocardiográficos de la reparación valvular mitral con el uso de neocuerdas de politetrafluoroetileno expandido. 2013 , 20, 124-129		
910	Invited commentary. 2013 , 95, 633-4		
909	Cuerdas artificiales de ePTFE: ¿imprescindibles en las técnicas de preservación mitral actuales?. 2013 , 20, 119-121		
908	Reparación valvular de la insuficiencia mitral degenerativa. Evolución clínica y ecocardiográfica según el grado de regurgitación residual intraoperatoria. 2013 , 20, 25-30		
907	The role of 3-dimensional echocardiography in the diagnosis and management of mitral valve disease: myxomatous valve disease. 2013 , 31, 203-15		11
906	Reparación valvular mitral con cuerdas artificiales. ¿Cuál aporta respecto a la técnica clásica?. 2013 , 20, 130-138		
905	Dynamic annuloplasty for mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 145, 425-9	1.5	14

904	Minimally invasive mitral valve surgery: influence of aortic clamping technique on early outcomes. 2013 , 96, 2116-22	36
903	History of Heart Valve Repair. 2013 , 85-120	2
902	Sizing for mitral annuloplasty: where does science stop and voodoo begin?. 2013 , 95, 1475-83	50
901	Risk of valve-related events after aortic valve repair. 2013 , 95, 606-12; discussion 613	79
900	Comparison of artificial neochordae and native chordal transfer in the repair of a flail posterior mitral leaflet: an experimental study. 2013 , 95, 629-33	15
899	Late results of mitral valve repair with glutaraldehyde-treated autologous pericardium. 2013 , 95, 2000-5	43
898	MitraClip Implantation in Chronic Degenerative Mitral Regurgitation with Extensive Calcification. 2013 , 461-470	
897	Valvular Heart Disease. 2013 , 147-161	
896	Mitral valve repair for post-myocardial infarction papillary muscle rupture. 2013 , 44, 1063-9	22
895	Gender differences in mitral valve surgery. 2013 , 61, 42-6	43
894	A novel low-fidelity simulator for both mitral valve and tricuspid valve surgery: the surgical skills trainer for classic open and minimally invasive techniques. 2013 , 16, 97-101	13
893	Active mitral ring for post-surgical remote correction of residual mitral regurgitation on the beating heart. 2013 , 44, 370-4; discussion 374	2
892	Novel intraoperative evaluation for mitral valve regurgitation: retrograde cardioprotective beating test. 2013 , 44, 375-6	8
891	Robotic multisegment triangular resections as an alternative to sliding leaflet plasty. 2013 , 8, 237-41	
890	Can the edge-to-edge technique provide durable results when used to rescue patients with suboptimal conventional mitral repair?. 2013 , 43, e173-9	12
889	The unsaddled annulus: biomechanical culprit in mitral valve prolapse?. 2013 , 127, 766-8	19
888	Late outcomes of mitral valve repair for mitral regurgitation due to degenerative disease. 2013 , 127, 1485-92	216
887	Functional significance of elevated mitral gradients after repair for degenerative mitral regurgitation. 2013 , 6, 1041-7	43

886	Surgery for Valvular Heart Disease. 2013 , 691-713	0
885	Leaflet extension in rheumatic mitral valve reconstruction. 2013 , 44, 682-9	25
884	Repair of rheumatic mitral valve regurgitation: how far can we go?. 2013 , 44, 689-91	12
883	Creation of nonischemic functional mitral regurgitation by annular dilatation and nonplanar modification in a chronic in vivo swine model. 2013 , 128, S263-70	10
882	Biological heart valves. 2013 , 58, 389-97	13
881	Mitral valve closure prediction with 3-D personalized anatomical models and anisotropic hyperelastic tissue assumptions. 2013 , 60, 3238-47	6
880	Triggers for surgical referral in degenerative mitral valve regurgitation. 2013 , 77, 28-34	8
879	Mechanism of and risk factors for reoperation after mitral valve repair for degenerative mitral regurgitation. 2013 , 77, 2050-5	16
878	Proposal of a novel index for selection of optimal annuloplasty ring size for tricuspid annuloplasty. 2013 , 77, 2505-13	6
877	Guidelines for the clinical application of bypass grafts and the surgical techniques (JCS 2011) published in 2012--digest version. 2013 , 77, 1608-41	5
876	The role of cardiac magnetic resonance in valvular heart disease. 2013 , 9, 142-8	27
875	Surgical RF ablation of atrial fibrillation in patients undergoing mitral valve repair for Barlow disease. 2013 , 125, 141-5	3
874	Fate of functional tricuspid regurgitation after mitral valve repair for degenerative mitral regurgitation. 2013 , 77, 2288-94	14
873	Comparison of the health related quality of life of patients following mitral valve surgical procedures in the 6-months follow-up: a prospective study. 2013 , 19, 113-9	8
872	Feasibility and efficacy of mitral valve repair for degenerative mitral regurgitation in the elderly. 2014 , 20, 1001-7	4
871	Robotic cardiac surgery: current status and future directions. 2014 , 27	
870	[Twenty years of mitral valve repair. An experience in 322 patients]. 2014 , 142, 1089-98	0
869	An Alternative No Resection Technique for Posterior Mitral Leaflet Prolapse Repair: Reverse T-Plasty. 2014 , 9, 334-336	

868	Mitral Valve Annuloplasty Rings: Review of Literature and Comparison of Functional Outcome and Ventricular Dimensions. 2014 , 9, 399-415	4
867	Relocation of Papillary Muscles for Ischemic Mitral Valve Regurgitation. 2014 , 9, 54-59	1
866	Long-term outcomes of tricuspid annuloplasty for functional tricuspid regurgitation associated with degenerative mitral regurgitation: suture annuloplasty versus ring annuloplasty using a flexible band. 2014 , 20, 1026-33	14
865	Aortic valve-sparing operation versus Bentall and mechanical aortic valve replacement--midterm results. 2014 , 115, 292-9	3
864	Novel Mitral Repair Device for the Treatment of Severe Mitral Regurgitation: Preclinical Ovine Acute and Chronic Implantation Model. 2014 , 9, 432-438	
863	Devised loop-in-loop technique in mitral valve repair. 2014 , 22, 1132-4	1
862	Leakage test during mitral valve repair. 2014 , 62, 645-50	6
861	[Application fields of intraoperative transesophageal 3D echocardiography]. 2014 , 63, 662-72, 674-7	3
860	Echo-guided mitral repair. 2014 , 7, 132-41	27
859	Chirurgie réparatrice du prolapsus de la valve mitrale. 2014 , 2014, 19-24	
858	Results of modern mitral valve repair in patients with Marfan syndrome. 2014 , 62, 35-41	8
857	eComment. Prophylactic mitral valve repair in asymptomatic patients. 2014 , 19, 954	
856	Contributions of simultaneous multiplane echocardiographic imaging in daily clinical practice. 2014 , 31, 245-54	11
855	Systolic anterior motion of the mitral valve: a 30-year perspective. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 2787-93	1.5 29
854	Nine years' experience with the chordal cutting technique in ischemic mitral regurgitation. 2014 , 29, 605-8	3
853	Predictors of in-hospital mortality after mitral valve surgery for post-myocardial infarction papillary muscle rupture. 2014 , 9, 171	11
852	Preoperative risk factors of medium-term mitral valve repair outcome. 2014 , 19, 946-54	9
851	An alternative "no resection" technique for posterior mitral leaflet prolapse repair: reverse T-plasty. 2014 , 9, 334-6	

850	eComment. ePTFE neochordae in Carpentier's functional type II mitral regurgitation: do all roads lead to Rome?. 2014 , 19, 1035		
849	Transcatheter treatment of chronic mitral regurgitation with the MitraClip system: an Italian consensus statement. 2014 , 15, 173-88		9
848	Mitral valve interventions in heart failure. 2014 , 29, 192-7		2
847	Minimally invasive mitral valve repair. 2014 , 27, 65-71		15
846	A new ex vivo beating heart model to investigate the application of heart valve performance tools with a high-speed camera. 2014 , 60, 38-43		5
845	Repair of the anterior mitral leaflet prolapse. 2014 , 11, 89-100		2
844	Mitral valve repair with the MitraClip® . 2014 , 6, 557-567		
843	The Tricuspid Valve in Congenital Heart Disease. 2014 ,		2
842	Artificial chordae in the setting of complex mitral valve repair: early outcomes using the folding leaflet technique. 2014 , 18, 586-95		5
841	Percutaneous mitral heart valve repair--MitraClip. 2014 , 22, 289-96		7
840	Relocation of papillary muscles for ischemic mitral valve regurgitation: the role of three-dimensional transesophageal echocardiography. 2014 , 9, 54-9		1
839	Novel mitral repair device for the treatment of severe mitral regurgitation: preclinical ovine acute and chronic implantation model. 2014 , 9, 432-8		
838	Mitral valve annuloplasty rings: review of literature and comparison of functional outcome and ventricular dimensions. 2014 , 9, 399-415		14
837	Mitral valve repair of isolated posterior leaflet prolapse: resect or respect?. 2014 , 19, 1027-35		10
836	Prevalence of calcification of the mitral valve annulus in patients undergoing surgical repair of mitral valve prolapse. 2014 , 113, 1867-73		30
835	Assessment of longitudinal myocardial mechanics in patients with degenerative mitral valve regurgitation predicts postoperative worsening of left ventricular systolic function. 2014 , 27, 627-38		53
834	Three hundred robotic-assisted mitral valve repairs: the Cedars-Sinai experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 228-35	1.5	62
833	Minimally invasive mitral valve repair in Barlow's disease: early and long-term results. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 1379-85	1.5	41

832	Is commissural closure associated with mitral annuloplasty a durable technique for the treatment of mitral regurgitation? A long-term (15 years) clinical and echocardiographic study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 1900-6	1.5	15
831	Risk-adjusted mortality rate cumulative sum analysis based on the Japan SCORE represents a learning curve in mitral valve reparative surgery. 2014 , 44, 1253-7		1
830	Loop technique for mitral valve repair. 2014 , 62, 71-7		9
829	Percutaneous interventional mitral regurgitation treatment using the Mitra-Clip system. 2014 , 103, 85-96		96
828	Devices for mitral valve repair. 2014 , 7, 266-81		9
827	Frequency and diameter dependent viscoelastic properties of mitral valve chordae tendineae. 2014 , 30, 186-95		30
826	Invited commentary. 2014 , 97, 497-8		1
825	Effect of systematic downsizing rigid ring annuloplasty in patients with moderate ischemic mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 1471-7	1.5	36
824	Off-pump transapical implantation of artificial neo-chordae to correct mitral regurgitation: the TACT Trial (Transapical Artificial Chordae Tendinae) proof of concept. 2014 , 63, 914-9		150
823	Regional annular geometry in patients with mitral regurgitation: implications for annuloplasty ring selection. 2014 , 97, 64-70		39
822	Robotic Cardiac Surgery. 2014 ,		3
821	Mitral valve replacement versus annuloplasty for treating severe functional mitral regurgitation. 2014 , 62, 38-47		4
820	Tricuspid Valvular Disease. 2014 , 156-162		1
819	Mitral Valvular Disease. 2014 , 144-155		1
818	Simpli-T annuloplasty band for mitral valve repair for degenerative disease. 2014 , 98, 1551-6		7
817	Basic mechanisms of mitral regurgitation. 2014 , 30, 971-81		40
816	A novel finite element-based patient-specific mitral valve repair: virtual ring annuloplasty. 2014 , 24, 341-7		28
815	Controversy in mitral valve repair, resection or chordal replacement?. 2014 , 62, 581-5		5

814	New insights on Carpentier I mitral regurgitation from multidetector row computed tomography. 2014 , 114, 763-8		17
813	Fluoroscopic anatomy of left-sided heart structures for transcatheter interventions: insight from multislice computed tomography. 2014 , 7, 947-57		39
812	Biodegradable materials for surgical management of infective endocarditis: new solution or a dead end street?. 2014 , 14, 48		6
811	Polytetrafluoroethylene neochordae is noninferior to leaflet resection in repair of isolated posterior mitral leaflet prolapse: a multicentre study. 2014 , 19, 577-83		10
810	Atlas of Robotic Cardiac Surgery. 2014 ,		2
809	Epidemiology and pathophysiology of mitral valve prolapse: new insights into disease progression, genetics, and molecular basis. 2014 , 129, 2158-70		134
808	Computational modeling of cardiac valve function and intervention. 2014 , 16, 53-76		67
807	Minimally invasive surgery of mitral valve (MIS-MV). 2014 , 62, 342-50		5
806	Aortic valve repair: indications and outcomes. 2014 , 16, 490		30
805	A clip in time--selecting interventions for severe mitral valve regurgitation. 2014 , 23, 493-5		0
804	Very long-term durability of the edge-to-edge repair for isolated anterior mitral leaflet prolapse: up to 21 years of clinical and echocardiographic results. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 2027-32	1.5	36
803	Papillary muscle relocation and mitral annuloplasty in ischemic mitral valve regurgitation: midterm results. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 1947-50	1.5	46
802	Echocardiographic evaluation of mitral durability following valve repair in rheumatic mitral valve disease: impact of Maze procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 247-53	1.5	17
801	The dynamics of mitral valve function: lessons to be learned from three-dimensional echocardiography. 2014 , 28, 8-10		
800	Repair of posterior mitral valve prolapse with a novel leaflet plication clip in an animal model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 783-90; discussion 790-1	1.5	7
799	Determination of the tensile mechanical properties of the segmented mitral valve annulus. 2014 , 47, 334-40		15
798	Ischemic and functional mitral regurgitation in heart failure: natural history and treatment. 2014 , 16, 517		26
797	Echocardiography of the mitral valve. 2014 , 57, 55-73		8

796	Can isolated annular dilatation cause significant ischemic mitral regurgitation? Another look at the causative mechanisms. 2014 , 47, 1792-9		6
795	Is it possible to assess the best mitral valve repair in the individual patient? Preliminary results of a finite element study from magnetic resonance imaging data. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 1025-34; discussion 1034	1.5	22
794	Adult perioperative echocardiography: anatomy, mechanisms and effective communication. 2014 , 57, 74-90		2
793	Statistical assessment of normal mitral annular geometry using automated three-dimensional echocardiographic analysis. 2014 , 97, 71-7		16
792	Impact of failed mitral clipping on subsequent mitral valve operations. 2014 , 97, 56-63		34
791	Valvular Heart Disease. 2014 , 807-813		
790	Intraoperative measurements on the mitral apparatus using optical tracking: a feasibility study. 2014 ,		2
789	Análisis comparativo de los resultados del uso de neocuerdas frente a la resección de velo posterior en la cirugía reparadora de la insuficiencia mitral degenerativa. 2015 , 22, 19-24		1
788	Mitral valve analysis adding a virtual semi-transparent annulus plane for detection of prolapsing segments. 2015 , 13, 25		3
787	Single cusp replacement in patients with ventricular septal defect and aortic insufficiency. 2015 , 30, 520-4		1
786	A quantitative approach to the intraoperative echocardiographic assessment of the mitral valve for repair. 2015 , 121, 34-58		29
785	Parannular Elliptical Posterior Resection: A Low-Impact Reparative Technique for Mitral Valve Prolapse. 2015 , 10, 252-7; discussion 257		
784	Imaging in Minimally Invasive Mitral Valve Repair. 2015 , 30, 378-85		3
783	[Mitral Valve Repair for Patients with Mitral Valve Prolapse]. 2015 , 37, 195-202		
782	Aortic cusp extension valvuloplasty: repair with an extracellular patch. 2015 , 12, 314-7		1
781	Clinical Use of Doppler Echocardiography in Organic Mitral Regurgitation: From Diagnosis to Patients' Management. 2015 , 23, 121-33		3
780	The impact of preoperative and postoperative pulmonary hypertension on long-term surgical outcome after mitral valve repair for degenerative mitral regurgitation. 2015 , 21, 53-8		17
779	[Mitral valve repair for degenerative mitral insufficiency: likelihood of success, early and-long term results at 20 years]. 2015 , 143, 1351-5		0

778 Valvular heart disease – Insufficiencies. **2015**, 117-170

777 The 100 most cited publications in cardiac surgery: a bibliometric analysis. **2015**, 184, 91-9 33

776 Three-dimensional transesophageal echocardiography in degenerative mitral regurgitation. **2015**, 28, 437-48 11

775 Dynamic phenotypes of degenerative myxomatous mitral valve disease: quantitative 3-dimensional echocardiographic study. **2015**, 8, 50

774 Determinants of functional capacity after mitral valve annuloplasty or replacement for ischemic mitral regurgitation. *Journal of Thoracic and Cardiovascular Surgery*, **2015**, 149, 1595-603 1.5 15

773 Mitral valve repair for rheumatic mitral regurgitation: Mid-term results. **2015**, 23, 658-64 12

772 Challenges in rheumatic valvular disease: Surgical strategies for mitral valve preservation. **2015**, 2015, 9 18

771 Is minimally invasive mitral valve repair with artificial chords reproducible and applicable in routine surgery?. **2015**, 20, 707-11 5

770 Mitral repair with the sole use of a semi-rigid band in a sub-population of patients with Barlow's disease: a 4-year follow-up with stress echocardiography. **2015**, 21, 316-21 6

769 A multidimensional dynamic quantification tool for the mitral valve. **2015**, 21, 481-7 12

768 Long-term outcomes of mitral valve repair for isolated commissural prolapse: up to 17-year experience. **2015**, 99, 43-7 12

767 Mitral valve repair: an echocardiographic review: part 1. **2015**, 29, 156-77 20

766 Novel Echocardiographic Indices as Predictors of Immediate Recurrence after Undersized Ring Annuloplasty for Ischemic Mitral Regurgitation. **2015**, 32, 1339-46 2

765 Mitral valve repair: an echocardiographic review: Part 2. **2015**, 29, 439-71 20

764 Kathetergestützte Mitralklappenrekonstruktion. **2015**, 29, 6-15

763 Mitral valve analysis using a novel 3D holographic display: a feasibility study of 3D ultrasound data converted to a holographic screen. **2015**, 31, 323-8 7

762 Aortic valve repair update. **2015**, 63, 309-19 21

761 Surgical anatomy of the aortic annulus: landmarks for external annuloplasty in aortic valve repair. **2015**, 99, 1220-6 59

760	The butterfly takes flight. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 149, 1244	1.5	1
759	Early and follow-up results of butterfly resection of prolapsed posterior leaflet in 76 consecutive patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 149, 1296-300	1.5	12
758	Very high repair rate using minimally invasive surgery for the treatment of degenerative mitral insufficiency. 2015 , 31, 744-51		10
757	A 25-year study of chordal replacement with expanded polytetrafluoroethylene in mitral valve repair. 2015 , 20, 463-8; discussion 468		15
756	Diseases of the Cardiac Pump. 2015 ,		1
755	Clinical Trial Design Principles and Endpoint Definitions for Transcatheter Mitral Valve Repair and Replacement: Part 1: Clinical Trial Design Principles: A Consensus Document From the Mitral Valve Academic Research Consortium. 2015 , 66, 278-307		128
754	Left ventricular performance early after repair for posterior mitral leaflet prolapse: Chordal replacement versus leaflet resection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 538-45	1.5	15
753	Long-term outcomes after mitral valve repair for degenerative mitral regurgitation with persistent atrial fibrillation. 2015 , 63, 243-9		6
752	Morphological study of chordae tendinae in human cadaveric hearts. 2015 , 16, 1-12		15
751	Clinical trial design principles and endpoint definitions for transcatheter mitral valve repair and replacement: part 1: clinical trial design principles: A consensus document from the mitral valve academic research consortium. 2015 , 36, 1851-77		26
750	Minimally Invasive Valve Surgery: When Less Is More. 2015 , 27, 49-56		27
749	Mitral valve therapy still surgical?. 2015 , 17, A43-A48		
748	Repair of left atrioventricular disruption after mitral valve replacement using extracorporeal life support system for effective ventricular unloading. 2015 , 47, 1103-4		
747	Increasing Disadvantage of "Watchful Waiting" for Repairing Degenerative Mitral Valve Disease. 2015 , 99, 1992-2000		22
746	A history of the surgical treatment of aortic regurgitation. 2015 , 57, e149-e155		
745	[Structure and function of the mitral valve. Eligibility criteria for surgical and interventional approaches]. 2015 , 40, 569-75		
744	Secondary mitral regurgitation in heart failure: pathophysiology, prognosis, and therapeutic considerations. 2015 , 65, 1231-1248		252
743	Dynamic changes of the mitral valve annulus: new look at mitral valve diseases. 2015 , 8,		5

742	Starting minimally invasive valve surgery using endoclamp technology: safety and results of a starting surgeon. 2015 , 20, 351-8		9
741	On the effects of leaflet microstructure and constitutive model on the closing behavior of the mitral valve. 2015 , 14, 1281-302		46
740	Myxomatous Mitral Valve Repair: Loop Neochord Technique. 2015 , 20, 106-123		6
739	Long-term outcomes of mitral valve repair with the Duran flexible ring. 2015 , 30, 333-7		3
738	Mitral Annuloplasty Using A Biodegradable Annuloplasty Ring. 2015 , 20, 124-134		2
737	Novel Presentation of Flail Mitral Valve. 2015 , 29, 1398-401		1
736	Edge-to-Edge Mitral Repair. 2015 ,		2
735	A porcine model for aortic valve insufficiency: If pigs could fly, they would teach surgeons to treat AI. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 664-5	1.5	
734	Biomechanical drawbacks of different techniques of mitral neochordal implantation: When an apparently optimal repair can fail. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 1303-12.e4	1.5	13
733	Functional mitral stenosis after mitral valve repair is a true anatomic problem that originates from the time of surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 1091-2	1.5	4
732	Leaflet resection versus leaflet preservation for repair of degenerative mitral regurgitation: Does it matter how the mitral valve is repaired?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 546-7 ^{1.5}		2
731	Percutaneous Mitral Valve Edge-to-Edge Repair for Degenerative Mitral Regurgitation. 2015 , 17, 389		3
730	Three-dimensional Echocardiography. 2015 ,		4
729	Impact of novel intraoperative evaluation for mitral valve regurgitation: the retrograde cardio-protective beating test. 2015 , 45, 1153-9		1
728	Secondary Mitral Valve Regurgitation. 2015 ,		
727	Mitral valve repair with loop technique via median sternotomy in 180 patients. 2015 , 47, 491-6		14
726	[New approach in the surgical treatment of mitral regurgitation: beating heart transapical neochord implantation]. 2016 , 157, 700-5		
725	Chordal Reconstruction versus Leaflet Resection for Repair of Degenerative Posterior Mitral Leaflet Prolapse. 2016 , 22, 90-7		3

724	Managing mitral regurgitation: focus on the MitraClip device. 2016 , 9, 53-60	3
723	Cardiac Valve Replacement and Related Interventions. 2016 , 529-576	4
722	Midterm Outcome of Mitral Valve Repair with Artificial Chordae for Only Posterior Leaflet Disease-Comparison with the Resectional Technique in a Single Institute. 2016 , 22, 32-7	2
721	Peri-procedural imaging for transcatheter mitral valve replacement. 2016 , 6, 144-59	23
720	Ischemic mitral valve prolapse. 2016 , 8, 3752-3761	11
719	Transapical beating-heart chordae implantation in mitral regurgitation: a new horizon for repairing mitral valve prolapse. 2016 , 8, E1665-E1671	10
718	Length of second-order chordae as a predictor of systolic anterior motion of the mitral valve. 2016 , 23, 280-5	3
717	Myxomatous Mitral Valve with Prolapse and Flail Scallop. 2016 , 81, 233-5	0
716	Year in review: complex valve reconstruction. 2016 , 31, 154-61	
715	The Mechanism of Mitral Regurgitation Influences the Temporal Dynamics of the Vena Contracta Area as Measured with Color Flow Doppler. 2016 , 122, 321-9	7
714	Year in review: mitral valve surgery. 2016 , 31, 148-53	1
713	Principles of Carpentier's Reconstructive Surgery in Degenerative Mitral Valve Disease. 2016 , 592-598	
712	Operative Outcomes with Myxomatous Mitral Valve Repair: Experience with 586 Patients. 2016 , 25, 870-3	1
711	A Comparison of 2 Mitral Annuloplasty Rings for Severe Ischemic Mitral Regurgitation: Clinical and Echocardiographic Outcomes. 2016 , 28, 261-268	5
710	CASE 2-2016 Complete Failure of Mechanical Mitral Valve Opening on Weaning From Cardiopulmonary Bypass. 2016 , 30, 237-44	
709	Discussion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 151, 1668-70	1.5
708	Papel de las técnicas de imagen en el tratamiento percutáneo de la insuficiencia mitral. 2016 , 69, 421-436	7
707	Transesophageal Echocardiography and Mitral Valve Repair: Chasing a "Not-So-Moving" Target. 2016 , 30, 573	1

706	Mitral Valve Surgery for Rheumatic Lesions in Young Patients. 2016 , 7, 321-8	4
705	Detailed Transthoracic and Transesophageal Echocardiographic Analysis of Mitral Leaflets in Patients Undergoing Mitral Valve Repair. 2016 , 118, 113-20	3
704	Immediate and mid-term result of restrictive mitral annuloplasty using a small semi-rigid ring. 2016 , 64, 260-6	2
703	Mid-term results of mitral valve repair for ischemic mitral regurgitation with ETlogix ring: A single-center study. 2016 , 222, 924-930	7
702	Totally Endoscopic Robotic Mitral Valve Surgery. 2016 , 104, 293-306	3
701	Perioperative transoesophageal echocardiography: current status and future directions. 2016 , 102, 1159-67	33
700	Medical Management (Blocker – Disopyramide) of Left Ventricular Outflow Gradient Secondary to Systolic Anterior Motion of the Mitral Valve After Repair. 2016 , 118, 1053-6	2
699	Using Anatomic Intelligence to Localize Mitral Valve Prolapse on Three-Dimensional Echocardiography. 2016 , 29, 938-945	15
698	Durability of Mitral Valve Repair Performed Before the Age of 5 Years. 2016 , 80, 124-9	10
697	Preoperative Tissue Doppler Imaging-Derived Atrial Conduction Time Predicts Postoperative Atrial Fibrillation in Patients Undergoing Mitral Valve Surgery for Mitral Valve Regurgitation. 2016 , 80, 101-9	10
696	Heart Valve Biomechanics and Underlying Mechanobiology. 2016 , 6, 1743-1780	56
695	Current status of transcatheter mitral valve repair therapies - From surgical concepts towards future directions. 2016 , 50, 367-376	2
694	Similar Survival After Repair vs Replacement for Ischemic Mitral Regurgitation. 2016 , 28, 748-756	6
693	History of Cardiothoracic Surgery at New York University. 2016 , 28, 682-686	0
692	Mitralklappeninsuffizienz. 2016 , 16, 30-38	
691	Operative Behandlung der Mitralklappeninsuffizienz. 2016 , 16, 38-44	
690	Functional mitral regurgitation in patients with heart failure and depressed ejection fraction. 2016 , 31, 483-92	5
689	Interrupted commissural band annuloplasty prevents mitral stenosis. 2016 , 64, 524-8	

- 688 Accuracy evaluation of a mitral valve surgery assistance system based on optical tracking. **2016**, 11, 1891-904 8
- 687 A complexity scoring system for degenerative mitral valve repair. *Journal of Thoracic and Cardiovascular Surgery*, **2016**, 151, 1661-70 1.5 29
- 686 Intraoperative Quantitative Mitral Valve Analysis Using Optical Tracking Technology. **2016**, 101, 1950-6 11
- 685 Hypertrophic obstructive cardiomyopathy: the mitral valve could be the key. **2016**, 50, 61-5 23
- 684 Management of Heart Failure. **2016**,
- 683 Safety and feasibility of a novel adjustable mitral annuloplasty ring: a multicentre European experience. **2016**, 49, 249-54 10
- 682 Sizing the Mitral Annulus: Is CT the Future?. **2016**, 9, 281-2 3
- 681 2015 The American Association for Thoracic Surgery Consensus Guidelines: Ischemic mitral valve regurgitation. *Journal of Thoracic and Cardiovascular Surgery*, **2016**, 151, 940-56 1.5 33
- 680 Insuficiencia mitral isquémica crónica: fuente de confusión. **2016**, 23, 63-69
- 679 Fibers to Organs: How Collagen Fiber Properties Modulate the Closing Behavior of the Mitral Valve. **2016**, 365-381 1
- 678 Geometric ring annuloplasty as an adjunct to aortic valve repair: clinical investigation of the HAART 300 device. **2016**, 49, 987-93 34
- 677 Mitral Valve Repair. **2016**, 137-157
- 676 Structure-Based Mechanics of Tissues and Organs. **2016**, 8
- 675 Role of Imaging Techniques in Percutaneous Treatment of Mitral Regurgitation. **2016**, 69, 421-36 3
- 674 Predictive factors of long-term results following valve repair in ischemic mitral valve prolapse. **2016**, 204, 218-28 24
- 673 Annular management during aortic valve repair: a systematic review. **2016**, 64, 63-71 14
- 672 Overview of current surgical strategies for aortic disease in patients with Marfan syndrome. **2016**, 46, 1006-18 12
- 671 Surgical management of tricuspid valve endocarditis in the current era: A review. **2016**, 202, 44-8 19

670	Mitral valve gradient after valve repair of degenerative regurgitation with restrictive annuloplasty. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 151, 106-9	1.5	11
669	MitraClip Therapy for Mitral Regurgitation: Primary Mitral Regurgitation. 2016 , 5, 71-82		2
668	Contemporary long-term outcomes of an aggressive approach to mitral valve repair in children: is it effective and durable for both congenital and acquired mitral valve lesions?. 2016 , 49, 553-60; discussion 560		17
667	Imaging of Cardiac Anatomy. 2017 , 15-60		
666	Transcatheter Mitral Valve Repair Therapies: Evolution, Status and Challenges. 2017 , 45, 332-359		7
665	Surgical Treatment of Ischemic Mitral Regurgitation: Valve Repair Versus Replacement. 2017 , 19, 3		6
664	Results of mitral valve repair with an adjustable annuloplasty ring 2 years after implantation. 2017 , 32, 843-849		4
663	Anatomical features of acute mitral valve repair dysfunction: Additional value of three-dimensional echocardiography. 2017 , 110, 196-201		2
662	Surgical treatment of mitral regurgitation. 2017 , 59, e92-e96		2
661	2016 update to The American Association for Thoracic Surgery (AATS) consensus guidelines: Ischemic mitral valve regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 153, e97-e114	1.5	31
660	Feasibility of intraoperative water testing in aortic valve repair: Direct visualization from left ventricle with a videoscope. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, 24-29	1.5	3
659	Robotic mitral valve repair: a European single-centre experience. 2017 , 25, 62-67		7
658	Percutaneous Interventions for Structural Heart Disease. 2017 ,		
657	On the in vivo function of the mitral heart valve leaflet: insights into tissue-interstitial cell biomechanical coupling. 2017 , 16, 1613-1632		17
656	Treatment of Functional Ischemic Mitral Regurgitation by Coronary Artery Bypass Grafting. 2017 , 61-66		
655	Three Cases of Aneurysmatic Coronary Fistulas Associated With Mitral Valve Insufficiency. 2017 , 103, e505-e507		1
654	Pathophysiology of Aortic Stenosis and Mitral Regurgitation. 2017 , 7, 799-818		12
653	Mitral valve repair for degenerative mitral valve disease: surgical approach, patient selection and long-term outcomes. 2017 , 103, 1663-1669		28

652	Assessment of Mitral Valve Repair With Exercise Echocardiography: Artificial Chordae vs Leaflet Resection. 2017 , 29, 25-32	2
651	Design, Analysis and Testing of a Novel Mitral Valve for Transcatheter Implantation. 2017 , 45, 1852-1864	8
650	Recommendations for Noninvasive Evaluation of Native Valvular Regurgitation: A Report from the American Society of Echocardiography Developed in Collaboration with the Society for Cardiovascular Magnetic Resonance. 2017 , 30, 303-371	1331
649	The use of artificial chordae in mitral valve repair. 2017 , 32, 250-258	4
648	Regional Heterogeneity in the Mitral Valve Apparatus in Patients With Ischemic Mitral Regurgitation. 2017 , 103, 1171-1177	4
647	Regulation of valve interstitial cell homeostasis by mechanical deformation: implications for heart valve disease and surgical repair. 2017 , 14,	30
646	2017 ACC Expert Consensus Decision Pathway on the Management of Mitral Regurgitation: A Report of the American College of Cardiology Task Force on Expert Consensus Decision Pathways. 2017 , 70, 2421-2449	81
645	Preoperative determination of artificial chordae length: Wishful thinking?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, 1632-1633	1.5 2
644	Guideline-Directed Medical Therapy for Secondary Mitral Regurgitation: More Questions Than Answers!. 2017 , 5, 660-662	2
643	Mitral Valve Repair: The French Correction Versus the American Correction. 2017 , 97, 867-888	17
642	The 'respect rather than resect' principle in mitral valve repair: the lateral dislocation of the P2 technique. 2017 , 18, 687-690	
641	Reparaci3n de la insuficiencia mitral funcional mediante abordaje del aparato subvalvular. Resultados a medio plazo. 2017 , 24, 202-207	
640	Surgery for Acquired AV-Valve Diseases. 2017 , 795-829	
639	The History of Cardiac Surgery. 2017 , 3-31	1
638	3D Geometry of the Aortic Valve: The Future of Aortic Valve Repair or Just Another Measurement?. 2017 , 31, 1301-1303	1
637	Contemporary evaluation of mitral regurgitation - 3D echocardiography, cardiac magnetic resonance, and procedural planning. 2017 , 15, 715-725	1
636	Robot-Assisted Mitral Valve Repair With Posterior Leaflet Extension for Rheumatic Disease. 2017 , 12, 60-63	1
635	Assessment of the severity of native mitral valve regurgitation. 2017 , 60, 322-333	14

634	Mitral Regurgitation in the 21st Century. 2017 , 60, 285-288		4
633	Outcomes in Degenerative Mitral Regurgitation: Current State-of-the Art and Future Directions. 2017 , 60, 370-385		18
632	Mitral Valve Prolapse: Multimodality Imaging and Genetic Insights. 2017 , 60, 361-369		14
631	The lord of the rings. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, 1925-1926	1.5	1
630	Functional mitral stenosis following mitral valve repair. 2017 , 32, 161-165		2
629	Fifteen years' experience with the use of artificial chords for valve reconstruction in children. 2017 , 52, 1155-1160		4
628	Mitral Valve Disease: a Comprehensive Review. 2017 , 19, 73		33
627	Should annuloplasty prosthesis be selected dependent on the location of prolapse in mitral valve repair for type II dysfunction?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, 1915-1924.e6	1.5	7
626	Computer-based comparison of different methods for selecting mitral annuloplasty ring size. 2017 , 12, 8		4
625	The spectrum of mitral valve pathologies: relevance for surgical and structural interventions. 2017 , 15, 525-535		3
624	Tricuspid and Mitral Valves. 2017 , 197-210		
623	The Right Heart: Ignored and Almost Forgotten. 2017 , 65, 591-592		
622	A Review of the Use of Cardiac Computed Tomography for Evaluating the Mitral Valve before and after Mitral Valve Repair. 2017 , 18, 773-785		6
621	A systematic review and meta-analysis of chordal replacement versus leaflet resection for isolated posterior mitral valve prolapse. 2017 , 58, 779-786		1
620	Complex robotic correction for complex degenerative mitral valve disease. 2017 , 6, 70-72		2
619	Mid-term outcomes of congenital mitral valve surgery: Shone's syndrome is a risk factor for death and reintervention. 2017 , 25, 734-739		6
618	Mid-term results of mitral valve repair using flexible bands versus complete rings in patients with degenerative mitral valve disease: a prospective, randomized study. 2017 , 12, 113		9
617	Short- and long-term results of chordal reconstruction using artificial suture material (polytetrafluoroethylene and polypropylene) in the dog. 2017 , 7,		1

616	Ischemic mitral regurgitation. 2017 , 20, 432-439	22
615	Mitral valve repair in rheumatics: Is it still worthwhile?. 2017 , 7,	
614	Heart Valve Prostheses and Repair Devices?. 2017 ,	
613	Multimodality imaging assessment of mitral valve anatomy in planning for mitral valve repair in secondary mitral regurgitation. 2017 , 9, S640-S660	8
612	Politetrafluorene suture used as artificial mitral chord: mechanical properties and surgical implications. 2017 , 58, 895-903	
611	Dynamic and quantitative evaluation of degenerative mitral valve disease: a dedicated framework based on cardiac magnetic resonance imaging. 2017 , 9, S225-S238	10
610	Staged percutaneous coronary intervention followed by minimally invasive mitral valve surgery versus combined coronary artery bypass graft and mitral valve surgery for two-vessel coronary artery disease and moderate to severe ischemic mitral regurgitation. 2017 , 9, S563-S568	3
609	Analysing the reasons of failure of surgical mitral repair approaches-do we need to better think in biomechanics?. 2017 , 9, S661-S664	7
608	Papillary muscle approximation in mitral valve repair for secondary MR. 2017 , 9, S635-S639	11
607	Geometric changes in the aortic valve annulus during the cardiac cycle: impact on aortic valve repair. 2018 , 54, 441-445	3
606	Learning curve analysis of transapical NeoChord mitral valve repair. 2018 , 54, 273-280	31
605	Transthoracic echocardiography in patients undergoing mitral valve repair: comparison of new transthoracic 3D techniques to 2D transoesophageal echocardiography in the localization of mitral valve prolapse. 2018 , 34, 1099-1107	12
604	Transcatheter Mitral Valve Repair Using the Edge-to-Edge Clip. 2018 , 31, 434-453	20
603	Tricuspid valve repair: Chordae transposition of the entire posterior leaflet for extensive anterior leaflet prolapse. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, 655-657	1.5 0
602	Mitral Regurgitation: Epidemiology, Etiology and Physiopathology. 2018 , 49-61	3
601	Transaortic Alfieri Edge-to-Edge Repair for Functional Mitral Regurgitation. 2018 , 105, e141-e143	6
600	A leaflet plication clip is an effective surgical template for mitral valve foldoplasty. 2018 , 53, 939-944	0
599	Second cross-clamping after mitral valve repair for degenerative disease in contemporary practice. 2018 , 54, 91-97	6

598	The evolution of minimally invasive cardiac surgery: from minimal access to transcatheter approaches. 2018 , 14, 75-87			6
597	Initial Experience With a New Mitral Ring Designed to Simplify Length Determination of Neochords. 2018 , 105, 1784-1789			2
596	Altered ADAMTS5 Expression and Versican Proteolysis: A Possible Molecular Mechanism in Barlow's Disease. 2018 , 105, 1144-1151			2
595	Redefinition of tricuspid valve structures for successful ring annuloplasty. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 1511-1519.e1	1.5		18
594	Effects of annular contraction on anterior leaflet strain using an in vitro simulator with a dynamically contracting mitral annulus. 2018 , 66, 51-56			3
593	Pathophysiology of Degenerative Mitral Regurgitation: New 3-Dimensional Imaging Insights. 2018 , 11, e005971			26
592	The Aging Valve. 119-133			
591	The Year in Perioperative Echocardiography: Selected Highlights from 2017. 2018 , 32, 1537-1545			1
590	Mitral regurgitation: anatomy is destiny. 2018 , 54, 627-634			3
589	The devil is in the details. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, 598-599	1.5		4
588	Cardioband system: a novel percutaneous solution for atrioventricular valve insufficiency. 2018 , 34, 133-143			1
587	Altmetric Versus Bibliometric Perspective Regarding Publication Impact and Force. 2018 , 42, 2745-2756			28
586	Herzchirurgie im Innovationsdilemma?. 2018 , 32, 67-74			
585	Re-repair of the failed mitral valve: insights into aetiology and surgical management. 2018 , 54, 774-780			9
584	Mitral valve repair: when the ring is not enough. 2018 , 19 Suppl 1, e93-e95			
583	Prinzipien und Perspektiven der Mitralklappenchirurgie. 2018 , 32, 352-360			1
582	Vien Tim Institut du Coeur: Success of a Congenital Heart Disease Center in a Developing Country. 2016 , 82, 621-624			3
581	Three-dimensional assessment of mitral valve annulus dynamics and impact on quantification of mitral regurgitation. 2018 , 19, 176-184			20

580	Secondary mitral regurgitation (part 1): volumetric quantification and analysis. 2018 , 104, 634-638		22
579	Systematic review and meta-analysis of chordal replacement versus leaflet resection for posterior mitral leaflet prolapse. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 120-128.e10	1.5	29
578	Isolated posterior mitral leaflet prolapse: Resect, respect, or resect with respect?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 155, 129-130	1.5	3
577	Noninvasive Evaluation of Native Valvular Regurgitation: A Review of the 2017 American Society of Echocardiography Guidelines for the Perioperative Echocardiographer. 2018 , 32, 811-822		5
576	Towards Patient-Specific Mitral Valve Surgical Simulations. 2018 , 471-487		
575	Aortic and mitral valve repair for anterior mitral leaflet perforation caused by severe aortic regurgitation. 2018 , 4, 99		1
574	Chronic ischemic mitral valve regurgitation and surgical perspectives. 2018 , 10, 141-144		
573	Safe Use of Glutaraldehyde to Repair the Destroyed Valve in Active Infective Mitral Valve Endocarditis. 2018 , 82, 2530-2534		6
572	Functional Mitral Regurgitation: An Interventional Cardiologist's Perspective. 2018 , 26, 230-238		1
571	Geometric Ring Annuloplasty for Aortic Valve Repair During Aortic Aneurysm Surgery: Two-Year Clinical Trial Results. 2018 , 13, 248-253		26
570	Aortic valve repair in adult congenital heart disease. 2018 , 8, 789-798		3
569	Aortic valve insufficiency in aortic root aneurysms: consider every valve for repair. 2018 , 4, 60		4
568	Intraoperative 3-Dimensional Transesophageal Echocardiography Assessment of Valvular Geometry After Implantation of Basal Annuloplasty of Cardia Externally Device for Ischemic Mitral Regurgitation. 2018 , 11, 201-203		
567	Cardiac Dyssynchrony as a Pathophysiologic Factor of Functional Mitral Regurgitation: Role of Cardiac Resynchronization Therapy. 2018 ,		
566	OBSOLETE: Imaging of Mitral Regurgitation. 2018 ,		
565	Mitral Valve Insufficiency, a Constituent of Left Atrial Myxoma: Pathobiology, Physiopathology, and Pathophysiology of Left Atrial Myxoma; Are Long-Term Results Still Feasible?. 2018 ,		
564	Dilation of tricuspid valve annulus immediately after rupture of chordae tendineae in ex-vivo porcine hearts. 2018 , 13, e0206744		8
563	[Percutaneous treatment of mitral regurgitation by Mitraclip in the elderly]. 2018 , 67, 474-481		

562	Partial Hammock Valve: Surgical Repair and Long-Term Follow-Up in 23 Patients. 2018 , 106, 1854-1859	1
561	Numerical simulation of transapical off-pump mitral valve repair with neochordae implantation. 2018 , 26, 635-645	5
560	Mitral valve repair, how to make volume not matter; techniques, tendencies, and outcomes, a single center experience. 2018 , 13, 108	2
559	Comparison of Outcomes of Mitral Valve Repair for Leaflet Prolapse with Advanced versus Mild/Moderate Myxomatous Degeneration. 2018 , 59, 1288-1295	
558	Implante de neocuerdas con una medida estándar para reparación de la válvula mitral. 2018 , 25, 226-229	0
557	Mitral Valve Interventions in Structural Heart Disease. 2018 , 20, 49	9
556	Long-term outcomes of mitral regurgitation by type and severity. 2018 , 203, 39-48	9
555	Transvalvular pressure gradients for different methods of mitral valve repair: only neochordoplasty achieves native valve gradients. 2018 , 26, 248-255	5
554	Exercise Hemodynamic and Functional Capacity After Mitral Valve Replacement in Patients With Ischemic Mitral Regurgitation: A Comparison of Mechanical Versus Biological Prostheses. 2018 , 11, e004056	10
553	Minimal-invasive Aortenklappenrekonstruktion. 2018 , 12, 194-208	
552	Durability at 19 Years of Quadrangular Resection With Annular Plication for Mitral Regurgitation. 2018 , 106, 735-741	8
551	Imaging of Mitral Regurgitation. 2018 , 1-11	
550	Transcatheter Mitral Valve Replacement: Functional Requirements for Device Design, Bench-Top, and Pre-Clinical Evaluation. 2018 , 9, 301-338	6
549	Identification and Quantification of Degenerative and Functional Mitral Regurgitation for Patient Selection for Transcatheter Mitral Valve Repair. 2018 , 7, 387-404	6
548	Aortic Regurgitation. 2018 ,	1
547	Relation of mitral valve morphology to surgical repair results in patients with mitral valve prolapse: A three-dimensional transesophageal echocardiography study. 2018 , 35, 1342-1350	1
546	Development of Surgical Treatment of Aortic Regurgitation. 2018 , 193-203	
545	Indikationsstellung und Patientenselektion für die kathetergestützte Behandlung der Mitralklappeninsuffizienz. 2018 , 32, 482-491	

544	Effect of Mitral Valve Surgery in Patients With Dilated Cardiomyopathy and Severe Functional Mitral Regurgitation. 2017 , 82, 131-140		3
543	Guidance of the MitraClip procedure by 2D and 3D imaging. 2018 , 111, 432-440		5
542	"Respect when you can, resect when you should": A realistic approach to posterior leaflet mitral valve repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, 1856-1866.e3	1.5	18
541	Good 5-Year Durability of Transapical Beating Heart Off-Pump Mitral Valve Repair With Neochordae. 2018 , 106, 440-445		35
540	The association between aortic cross clamp time and postoperative morbidity and mortality in mitral valve repair: a retrospective cohort study. 2018 , 59, 453-461		1
539	Minimally invasive mitral valve surgery. 2018 , 34, 113-116		1
538	To what extent can 3D model replicate dimensions of individual mitral valve prolapse?. 2018 , 21, 348-355		3
537	Leaflet repair techniques in mitral valve reconstruction. 2018 , 34, 129-138		
536	Simple versus complex degenerative mitral valve disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, 122-129.e16	1.5	21
535	Invited Commentary. 2018 , 106, 445-446		1
534	Posterior leaflet mitral valve prolapse: One repair does not fit all. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, 1867-1868	1.5	1
533	Respectful resection to enhance the armamentarium of mitral valve repair: Is less really more?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, 1854-1855	1.5	3
532	Advances in Mitral Valve Surgery. 2018 , 20, 75		4
531	Full Issue PDF. 2018 , 11, e431-e582		
530	Imaging for Mitral Interventions: Methods and Efficacy. 2018 , 11, 872-901		32
529	Cardioband system as a treatment for functional mitral regurgitation. 2018 , 15, 415-421		12
528	Residual Mitral Regurgitation After Repair for Posterior Leaflet Prolapse-Importance of Preoperative Anterior Leaflet Tethering. 2018 , 7,		8
527	ACC Expert Consensus Decision Pathway on the Management of Mitral Regurgitation: A Review of the 2017 Document for the Cardiac Anesthesiologist. 2019 , 33, 274-289		7

526	Correlation of 2-Dimensional and 3-Dimensional Echocardiographic Analysis to Surgical Measurements of the Tricuspid Valve Annular Diameter. 2019 , 33, 137-145	6
525	Mitral Valve Disease. 2019 , 279-293.e1	
524	Transesophageal Echocardiography for Cardiac Surgery. 2019 , 474-479.e1	
523	Acute Effect of Mitral Valve Repair on Mitral Valve Geometry. 2019 , 67, 516-523	1
522	Active infective mitral valve endocarditis: is a repair-oriented surgery safe and durable?. 2019 , 55, 256-262	16
521	Is it worth repairing rheumatic mitral valve disease in children? Long-term outcomes of an aggressive approach to rheumatic mitral valve repair compared to replacement in young patients. 2019 , 28, 191-198	23
520	Surgical Echocardiography of the MV: Focus on 3D. 2019 , 23, 26-36	1
519	Textbook of Three-Dimensional Echocardiography. 2019 ,	
518	Left Atrial Dimension, Primary Mitral Regurgitation, and the Need of Early Surgery. 2019 , 142, 239-241	1
517	Intraoperative assessment of mitral valve repair: Validation of the saline test with nonresectional repair techniques. 2019 , 34, 965-968	0
516	Degenerative Mitral Regurgitation: Assessment, Physical Examination, and Imaging. 2019 , 21, 85	4
515	Total Intravenous Anesthesia Maintained the Degree of Pre-Existing Mitral Regurgitation Better than Isoflurane Anesthesia in Cardiac Surgery: A Randomized Controlled Trial. 2019 , 8,	3
514	Full Issue PDF. 2019 , 12, I-CCI	
513	Transcatheter approaches for mitral valve regurgitation. 2019 , 5, 78-78	
512	Direct Percutaneous Mitral Annuloplasty in Patients With Functional Mitral Regurgitation: When and How. 2019 , 6, 152	1
511	[Percutaneous treatment of mitral regurgitation]. 2019 , 68, 468-473	
510	Analysis of mitral valve regurgitation by computational fluid dynamics. 2019 , 3, 036105	5
509	Minimally invasive mitral valve surgery is associated with a low rate of complications. 2019 , 286, 614-626	10

508 Functional Mitral Valve Regurgitation. **2019**, 13, 1

507 Outcomes After Rheumatic Mitral Valve Repair in Children. **2019**, 108, 792-797

11

506 Aortic Valve Preservation. **2019**,

0

505 Causes and mechanisms of isolated mitral regurgitation in the community: clinical context and outcome. **2019**, 40, 2194-2202

56

504 Mitralklappenrekonstruktion. **2019**, 33, 175-187

1

503 Anatomy of mitral annulus insights from non-invasive imaging techniques. **2019**, 20, 843-857

22

502 Choosing the "Best" surgical techniques for mitral valve repair: Lessons from the literature. **2019**, 34, 717-727

7

501 Rationale for aortic annuloplasty to standardise aortic valve repair. **2019**, 8, 322-330

15

500 Fibbin' under pressure. *Journal of Thoracic and Cardiovascular Surgery*, **2019**, 157, 930-931

1.5

499 Minimally invasive mitral valve repair for functional mitral regurgitation. **2019**, 55, i17-i25

8

498 Repair of bileaflet prolapse in Barlow syndrome: The 4-chord technique. **2019**, 34, 605-609

1

497 The Impact of a New "Inverted Arch" Prosthetic Annuloplasty Ring on the Mitral Valve's 3-D Motion: An Experimental Ex-Vivo Study. **2019**, 6,

496 Early echocardiographic results of transapical off-pump mitral valve repair with the NeoChord DS1000 device in patients with severe mitral regurgitation due to posterior leaflet prolapse: first experiences in Poland. **2019**, 15, 20-27

2

495 Mitral valve repair using edge-to-edge technique in various situations: real-world experiences. **2019**, 56, 1110-1116

3

494 Surgical Intervention on the Mitral and Tricuspid Valves in Patients with Left Ventricular Dysfunction and Heart Failure. **2019**, 193-197

493 Surgical Versus Percutaneous Approaches for Degenerative Mitral Valve Repair: A Review. **2019**, 3, 176-184

2

492 Aortic Valve Repair: Where Are We Now?. **2019**, 28, 988-999

7

491 Commentary: Looking for support for the MitraClip. *Journal of Thoracic and Cardiovascular Surgery*, **2019**, 158, 95-96

1.5

490	Is mitral valve disease treated differently in men and women?. 2019 , 26, 1433-1443	11
489	Utility of Cardiac CT for Preoperative Evaluation of Mitral Regurgitation: Morphological Evaluation of Mitral Valve and Prediction of Valve Replacement. 2019 , 20, 352-363	6
488	Transapical beating heart mitral valve repair with the NeoChord system: early outcomes of a single-center experience. 2019 , 14, 320-325	1
487	Cardiovascular research in France: Evolution of scientific activities and production over the last decade. 2019 , 112, 241-252	3
486	Simulating the Mitral Apparatus. 2019 , 31, 412-413	
485	Almost All Incompetent BAV Should Be Repaired. 2019 , 31, 661-663	0
484	Chordal replacement versus quadrangular resection in degenerative posterior mitral leaflet repair. 2019 , 11, 827-838	1
483	Aortenklappeninsuffizienz. 2019 , 33, 6-14	
482	Full Issue PDF. 2019 , 12, I-CXCVII	
481	Variability of repairable bicuspid aortic valve phenotypes: towards an anatomical and repair-oriented classification. 2019 ,	51
480	Repair, Replace, or Watchful Waiting: A Contemporary Management of Mitral Valve Disease and Its Related Conditions. 2019 , 23, 5-10	
479	Heart Failure. 2019 ,	
478	Can complex mitral valve repair be performed with robotics? An institution's experience utilizing a dedicated team approach in 500 patients□ 2019 , 56, 470-478	17
477	Dacron Patch Closure of Ventricular Septal Defect with Concomitant Aortic Valve Replacement using a Mechanical Prosthesis: A Video Presentation. 2019 , 3, 099-100	
476	Functional Mitral Regurgitation in Heart Failure. 2019 , 27, 327-336	1
475	Mitral Leaflet Perforation: An Interventional Frontier for Nonsurgical Candidates?. 2019 , 1, 694-695	
474	Does mitral regurgitation reduce the risks of thrombosis in atrial fibrillation and flutter?. 2019 , 20, 660-666	7
473	Excessive leaflet tissue in mitral valve repair for isolated posterior leaflet prolapse-leaflet resection or shortening neochords? A propensity score adjusted comparison. 2019 , 60, 111-118	1

472	Commentary: Valve-sparing reimplantation: Is support the key to aortic valve repair?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 158, 25-26	1.5	
471	"RFEF" and mitral regurgitation jet direction: surrogate markers for likelihood of left ventricle reverse remodeling in patients with moderate chronic ischemic mitral regurgitation. 2019 , 35, 158-167		1
470	Performance and healing of an expanded polytetrafluoroethylene multichordal device at 6 months after repair of mitral leaflet flail in swine. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 932-940.e3 ¹	1.5	1
469	Meta-Analysis Comparing Mitral Valve Repair Versus Replacement for Degenerative Mitral Regurgitation Across All Ages. 2019 , 123, 446-453		20
468	'CLAS' score: an objective tool to standardize and predict mitral valve repairability. 2019 , 35, 15-24		3
467	Measuring chordae tension during transapical neochordae implantation: Toward understanding objective consequences of mitral valve repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 158, 746-755	1.5	13
466	Mechanical properties of a new thermally deformable mitral valve annuloplasty ring and its effects on the mitral valve. 2019 , 22, 126-133		1
465	Unexpected prolapse of the anterior leaflet during saline testing in mitral valve repair. 2019 , 55, 552-558		3
464	Long-Term Results Following Repair for Degenerative Mitral Regurgitation - Analysis of Factors Influencing Durability. 2019 , 28, 1852-1865		8
463	Surgical Techniques for Mitral Valve Repair: A Pathoanatomic Grading System. 2019 , 23, 20-25		5
462	The golden polytetrafluoroethylene parachute. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 943-944	1.5	
461	Aortic valve repair for aortic regurgitation and preoperative echocardiographic assessment. 2019 , 46, 51-62		5
460	Why I choose to repair and not to replace the aortic valve?. 2019 , 67, 20-24		9
459	Mitral Valve Adaptation to Isolated Annular Dilation: Insights Into the Mechanism of Atrial Functional Mitral Regurgitation. 2019 , 12, 665-677		52
458	The Future of Open Heart Surgery in the Era of Robotic and Minimal Surgical Interventions. 2020 , 29, 49-61		24
457	Contemporary techniques for mitral valve repair-the Mayo Clinic experience. 2020 , 36, 18-26		2
456	Geometry of cusp and root determines aortic valve function. 2020 , 36, 64-70		10
455	Novel Trigone-Based Sizing Method for Mitral Ring Annuloplasty. 2020 , 109, 1385-1393		0

454	A pipeline for image based intracardiac CFD modeling and application to the evaluation of the PISA method. 2020 , 358, 112627		7
453	Commentary: If your pants are too loose, use both belt and suspenders. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 160, 396-397	1.5	1
452	Aortic annulus and the importance of annuloplasty. 2020 , 36, 88-96		0
451	Commentary: Charting the course of cardiac care pings. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 ,	1.5	
450	Minimally invasive mitral valve repair. 2020 , 36, 44-52		0
449	Mitral valve repair for degenerative mitral valve regurgitation. 2020 , 36, 12-17		0
448	Commentary: Mitral valvuloplasty rings: Do they make the difference?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 159, 1775-1776	1.5	
447	Heart Valve Disease. 2020 ,		2
446	Rheumatic mitral valve repair: a physiologic and dynamic approach. 2020 , 36, 7-11		
445	Commentary: In the pursuit of perfect mitral valve repair: A stitch in time saves nine. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 160, 1191-1192	1.5	
444	Echocardiography: A Window into Mitral Valve Repair. 2020 , 145, 121-124		2
443	Functional and Degenerative Mitral Regurgitation: One Ring Fits All?. 2020 , 68, 470-477		1
442	Degenerative Mitral Valve Repair Simplified: An Evolution to Universal Artificial Cordal Repair. 2020 , 110, 464-473		5
441	Is there a problem with respect? Risk of neochordal rupture. 2020 , 35, 101-106		1
440	Predictors of Left Ventricular Dysfunction After Surgery for Degenerative Mitral Regurgitation. 2020 , 109, 669-677		11
439	Mitral valve repair for posterior leaflet prolapse: Long-term comparison of loop implantation vs resection. 2020 , 35, 11-20		3
438	Prognostic value of mitral valve tenting area in patients with functional mitral regurgitation. 2020 , 30, 431-438		2
437	Randomized, Controlled Trial Comparing Mitral Valve Repair With Leaflet Resection Versus Leaflet Preservation on Functional Mitral Stenosis: The CAMRA CardioLink-2 Study. 2020 , 142, 1342-1350		7

436	Secondary Mitral Regurgitation. 2020 , 383, 1458-1467		12
435	Association of transcatheter direct mitral annuloplasty with acute anatomic, haemodynamic, and clinical outcomes in severe mitral valve regurgitation. 2020 , 7, 3336		4
434	A multiparameter algorithm to guide repair of degenerative mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	12
433	The sparkle of creativity. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 160, 740-752	1.5	0
432	Paravalvular Leak Assessment: Challenges in Assessing Severity and Interventional Approaches. 2020 , 22, 166		1
431	Contemporary Management of Mitral Valve Disease. 2020 , 54, 129-147		
430	Standardized loop technique for mitral valve repair offers good midterm results. 2020 , 28, 482-487		1
429	The most influential papers in mitral valve surgery; a bibliometric analysis. 2020 , 15, 175		3
428	Interventionelle Therapie von AV-Klappenerkrankungen [Kriterien für die Zertifizierung von Mitralklappenzentren. 2020 , 14, 339-363		5
427	The Use of a Preoperative Mitral Valve Model to Guide Mitral Valve Repair. 2020 , 29, 1704-1712		1
426	Concomitant Mitral Regurgitation in Patients With Chronic Aortic Regurgitation. 2020 , 76, 233-246		8
425	Commentary: Be Samwise. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 162, 582-583	1.5	
424	Commentary: Sharing a wealth of information: HOCM surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	
423	Mitral valve repair using adjustable posterior leaflet neochords. 2020 , 2, 50-54		3
422	Workup and Management of Primary Mitral Regurgitation. 2020 , 22, 1		
421	Imaging of the mitral valve: role of echocardiography, cardiac magnetic resonance, and cardiac computed tomography. 2020 , 35, 435-444		2
420	How to manage an athlete with mitral valve prolapse. 2020 , 2047487320941646		5
419	Early failure after non-resectional mitral valve repair with artificial chordae. 2020 , 35, 2432-2435		2

418	Role of the Imager in Transcatheter Mitral Valve Repair. 2020 , 22, 120	3
417	Predictive Value of Pre-Operative 2D and 3D Transthoracic Echocardiography in Patients Undergoing Mitral Valve Repair: Long Term Follow Up of Mitral Valve Regurgitation Recurrence and Heart Chamber Remodeling. 2020 , 7,	3
416	Multimodality Imaging of the Mitral Valve: Morphology, Function, and Disease. 2021 , 50, 905-924	1
415	Early clinical outcomes of thoracoscopic mitral valvuloplasty: a clinical experience of 100 consecutive cases. 2020 , 10, 841-848	5
414	Mid-Term Results Comparing the Use of Artificial Chords Versus Native Chords for Mitral Valve Repair in Children. 2020 , 11, 579-586	1
413	Outcome of degenerative nonprolapse mitral regurgitation using the average pixel intensity method. 2020 , 37, 1329-1335	0
412	Commentary: Techniques of mitral valve repair: Is there still "gunpowder" to be invented?. 2020 , 3, 124-125	
411	Early failure of mitral valve repair with anterior leaflet pericardial patch augmentation in rheumatic and radiation-induced valvulitis. 2020 , 12, 2977-2982	
410	Anatomy of Mitral Valve Complex as Revealed by Non-Invasive Imaging: Pathological, Surgical and Interventional Implications. 2020 , 7,	3
409	Conceiving MitraClip as a tool: percutaneous edge-to-edge repair in complex mitral valve anatomies. 2020 , 21, 1059-1067	16
408	Pathoanatomy of Mitral Regurgitation. 2020 , 4, 254-263	1
407	Perspectives on surgical treatment of mitral valve disease. 2020 , 28, 360-365	2
406	Mitral Regurgitation: Anatomy, Physiology, and Pathophysiology-Lessons Learned From Surgery and Cardiac Imaging. 2020 , 7, 84	3
405	Etiology of Atrial Functional Mitral Regurgitation: Insights from Transthoracic Echocardiography in 159 Consecutive Patients with Atrial Fibrillation and Preserved Left Ventricular Ejection Fraction. 2020 , 145, 511-521	7
404	Mitral Valve Repair in Children Below Age 10 Years: Trouble or Success?. 2020 , 110, 2082-2087	1
403	Mitral valve regurgitation: a disease with a wide spectrum of therapeutic options. 2020 , 17, 807-827	8
402	Commentary: Going with the flow-But do we have to be careful of the rapids downstream?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5
401	Trends in MitraClip, mitral valve repair, and mitral valve replacement from 2000 to 2016. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 162, 551-562.e4	1.5 14

400	2020 Focused Update of the 2017 ACC Expert Consensus Decision Pathway on the Management of Mitral Regurgitation: A Report of the American College of Cardiology Solution Set Oversight Committee. 2020 , 75, 2236-2270	77
399	Commentary: What is now proved was once only imagined. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 162, 565-566	1.5
398	Secondary mitral regurgitation: pathophysiology, proportionality and prognosis. 2020 , 106, 716-723	10
397	Invited Commentary. 2020 , 110, 473-474	
396	Minimally invasive and transcatheter approaches for mitral valve surgery. 2020 , 36, 492-501	1
395	Adult Intraoperative Echocardiography: A Comprehensive Review of Current Practice. 2020 , 33, 735-755.e11	3
394	Preoperative determination of artificial chordae tendineae length by transoesophageal echocardiography in totally endoscopic mitral valve repair. 2020 , 31, 20-27	3
393	Geometric description for the anatomy of the mitral valve: A review. 2020 , 237, 209-224	12
392	Mitral valve repair in children with rheumatic heart disease. 2021 , 37, 175-182	1
391	Commentary: Lessons from 1000 robotic mitral repairs. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5
390	Loop neochord versus leaflet resection techniques for minimally invasive mitral valve repair: long-term results. 2021 , 59, 180-186	6
389	Predictors of short- and long-term outcomes of patients undergoing transcatheter mitral valve edge-to-edge repair. 2021 , 97, E390-E401	5
388	Current trends in aortic valve-preserving surgery. 2021 , 29, 443-456	1
387	Commentary: The mitral matrix. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, 979-980	1.5
386	Non-heart transplant surgical approaches with mitral valve operation and surgical ventricular reconstruction for non-ischaemic dilated cardiomyopathy: a Japanese multicenter study. 2021 , 69, 679-689	1
385	T1 mapping and cardiac magnetic resonance feature tracking in mitral valve prolapse. 2021 , 31, 1100-1109	11
384	Anesthetic Management for Valvular Heart Disease. 2021 , 365-385	
383	Clinical impact of the repair technique for posterior mitral leaflet prolapse: Resect or respect?. 2021 , 36, 971-977	2

382	Mitral valve repair with the edge-to-edge technique: A 20 years single-center experience. 2021 , 36, 1298-1304	0
381	How Should We Describe the Mitral Valve and Its Component Parts?. 2021 , 29-38	
380	Aortic Valve Repair Using Geometric Ring Annuloplasty. 2021 , 26, 173-188	3
379	The Treatment of Mitral Valve Disease-The Only Thing Constant is Change. 2021 , 9,	0
378	Reply: Anatomical or functional repair for ischemic mitral regurgitation: Find the right antidote!. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5 0
377	Mitral valve repair for isolated posterior mitral valve leaflet prolapse: The effect of respect and resect techniques on left ventricular function. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5 4
376	Characterization of Degenerative Mitral Valve Disease: Differences between Fibroelastic Deficiency and Barlow's Disease. 2021 , 8,	7
375	The Pathology of Mitral Valve Disease. 2021 , 1-13	
374	Mitral annulus dynamics in myxomatous mitral valve disease. 2021 , 31, 66-75	
373	Use of neocords in the treatment of mitral valve prolapse: about 6 cases. 2021 , 80, 105693	1
372	Arrhythmic Mitral Valve Prolapse: Introducing an Era of Multimodality Imaging-Based Diagnosis and Risk Stratification. 2021 , 11,	4
371	Current status of the treatment of degenerative mitral valve regurgitation. 2021 , 40, 293-304	4
370	Unicuspid Aortic Valve Repair Using Geometric Ring Annuloplasty. 2021 , 111, 1359-1366	8
369	Echocardiographic assessment of mitral regurgitation: discussion of practical and methodologic aspects of severity quantification to improve diagnostic conclusiveness. 2021 , 110, 1704-1733	3
368	Contemporary Review in Interventional Cardiology: Mitral Annuloplasty in Secondary Mitral Regurgitation. 1-16	0
367	Ischemic Mitral Regurgitation: A Multifaceted Syndrome with Evolving Therapies. 2021 , 9,	1
366	Tricuspid regurgitation in ischemic mitral regurgitation patients: prevalence, predictors for outcome and long-term follow-up. 2021 , 21, 199	
365	Current status of the treatment of degenerative mitral valve regurgitation. 2021 , 40, 293-304	

364	Advances in Mitral Valve Repair for Degenerative Mitral Regurgitation: Philosophy, Technical Details, and Long-Term Results. 2021 , 39, 175-184	1
363	Association between functional mitral regurgitation and recurrence of paroxysmal atrial fibrillation following catheter ablation: a prospective cohort study. 2021 , 49, 3000605211014375	0
362	Devices for transcatheter mitral valve repair: current technology and a glimpse into the future. 2021 , 18, 609-628	0
361	Exploring the Operative Strategy for Secondary Mitral Regurgitation: A Systematic Review. 2021 , 2021, 3466813	0
360	"Do alternative approaches work in surgical septal myectomy?". 2021 , 2184923211025396	
359	Aortic annuloplasty: Subcommissural, intra-annular suture techniques, external and internal rings. 2021 , 7, 98-102	4
358	Mid-term Outcome of the Edge-To-Edge Mitral Valve Repair Via Aortic Outflow Tract in High-Risk Patients. 2021 ,	2
357	Multiple Valve Repair Facilitated by Aortic Ring Annuloplasty. 2021 ,	1
356	Transcatheter Repair of the Mitral Valve: Relevant Pathophysiology, Investigation, and Management. 2021 , 37, 1027-1040	0
355	Minimally-Invasive Surgery of Mitral Valve. State of the Art.	
354	Aortic Valve Repair in Annular Dilatation: External vs Internal Suture Annuloplasty. 2021 ,	2
353	Recommended Standards for the Performance of Transesophageal Echocardiographic Screening for Structural Heart Intervention: From the American Society of Echocardiography. 2021 ,	7
352	Mitral valve asymmetry in healthy, pathological, and repaired cases. 2021 , 33, 077118	0
351	Echocardiographic Assessment of the Mitral Valve for Suitability of Repair: An Intraoperative Approach From a Mitral Center. 2021 ,	
350	Early Outcomes of Septal Myectomy for Obstructive Hypertrophic Cardiomyopathy in Children With Noonan Syndrome. 2021 ,	3
349	2021 ESC/EACTS Guidelines for the management of valvular heart disease. 2021 ,	226
348	Varied Extent of Mitral Annular Disjunction Among Cases With Different Phenotypes of Mitral Valve Prolapse. 2021 , 3, 1251-1257	0
347	2021 ESC/EACTS Guidelines for the management of valvular heart disease. 2021 , 60, 727-800	60

- 346 A modern approach to aortic valve insufficiency: Aortic root restoration via HAART 300 internal annuloplasty ring. **2021**, 36, 4189-4195 ○
- 345 The feasibility of mitral valve device foldoplasty: an in vivo study to evaluate durable retention. **2021**,
- 344 Commentary: There are chords in the human heart that had better not be vibrated. **2021**,
- 343 Phenotypes of Cardiovascular Diseases: Current Status and Future Perspectives. **2021**, 1, 229 ○
- 342 Transesophageal Echocardiographic Assessment of the Repaired Mitral Valve: A Proposed Decision Pathway. **2021**, 10892532211036655 ○
- 341 Unsatisfying mitral valve repair? The "Loop method": a lifebelt to grab. **2021**, 16, 269
- 340 Guiding interventions for secondary tricuspid regurgitation: follow the intricate interplay between form and function. **2021**,
- 339 Current Perspectives on Contemporary Rheumatic Mitral Valve Repair. **2021**, 16, 510-516
- 338 Mitral Regurgitation in Patients Undergoing Noncardiac Surgery. **2021**, 10892532211042827 ○
- 337 Ischemic mitral regurgitation: when should one intervene?. **2021**, 36, 755-763
- 336 Early symptomatic benefit indicates long-term prognosis after transcatheter mitral valve edge-to-edge repair in functional and degenerative etiology. **2021**, 344, 141-146 ○
- 335 Transapical mitral valve repair procedures: Primetime for microinvasive mitral valve surgery. **2021**, 2
- 334 Secondary mitral regurgitation repair techniques and outcomes: Subannular repair techniques in secondary mitral regurgitation type IIIb.. **2021**, 10, 92-97 ○
- 333 Commentary: Dogma to diachronicity: Evolving to lesion-specific repair of Barlow valves.. **2021**, 10, 64-65
- 332 Echocardiographic evaluation of deformity and enlargement of the canine mitral valve annulus associated with myxomatous degenerative mitral valve disease. **2021**, 37, 8-17
- 331 Erworbene Herzklappenfehler. **2021**, 217-236
- 330 Short-term outcomes of simultaneous coronary artery bypass surgery and mitral valve repair for ischemic mitral insufficiency. **2021**, 14, 135 ○
- 329 Percutaneous Mitral Valve Repair with the MitraClip System in the Current Clinical Practice. **2021**, 2, 74-86 1

328	The Surgical Utility of a Detailed Knowledge of the Basic Sciences Pertaining to the Mitral Valve. 2021 , 59-62	
327	Tricuspid Valve Surgery. 1995 , 210-217	2
326	Perioperative Care of the Cardiac Surgical Patient and its Impact on Postoperative Care. 1994 , 213-230	1
325	Mitral Valve Diseases. 2007 , 397-430	2
324	Minimally Invasive Mitral Valve Surgery. 2020 , 429-436	1
323	Augmented Reality-Enhanced Endoscopic Images for Annuloplasty Ring Sizing. 2014 , 128-137	6
322	Active Annuloplasty System for Mitral Valve Insufficiency. 2008 , 59-72	4
321	Valvular heart disease – Insufficiencies. 2011 , 109-154	2
320	A High-Fidelity and Micro-anatomically Accurate 3D Finite Element Model for Simulations of Functional Mitral Valve. 2013 , 7945, 416-424	19
319	Chirurgie der Atrioventrikularklappen. 1991 , 397-432	1
318	The History of Surgical Research. 2013 , 11-17	3
317	Transcatheter mitral valve therapies for degenerative and functional mitral regurgitation. 2020 , 417-461	2
316	Anesthesia for Cardiac Surgical Procedures. 2010 , 1889-1975	4
315	Valve Analysis: The Functional Classification. 2010 , 5-10	1
314	Pathophysiology, Preoperative Valve Analysis, and Surgical Indications. 2010 , 43-53	6
313	Valve Exposure, Intraoperative Valve Analysis, and Reconstruction. 2010 , 55-61	2
312	Techniques in Type I Dysfunction. 2010 , 63-84	3
311	Techniques in Type II Anterior Leaflet Prolapse. 2010 , 95-113	2

310	Techniques in Type II Posterior Leaflet Prolapse. 2010 , 115-126		1
309	Techniques in Type II Commissural and Bileaflet Prolapse. 2010 , 127-134		2
308	Techniques in Type IIIa: Diastolic Restricted Leaflet Motion. 2010 , 135-147		2
307	Pathophysiology, Valve Analysis, and Surgical Indications. 2010 , 183-191		1
306	Degenerative Valvular Diseases. 2010 , 267-278		1
305	Reconstructive Valve Surgery Made Simple. 2010 , 339-341		28
304	Surgical Treatment of the Tricuspid Valve. 2010 , 1241-1257		2
303	Transcatheter Interventions for Mitral Regurgitation: Multimodality Imaging for Patient Selection and Procedural Guidance. 2019 , 12, 2029-2048		25
302	The effects of complete versus incomplete mitral valve repair in experimental mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1994 , 107, 416-423	1.5	18
301	Aortic valve annulus and sinus-tube joint diameters in normal adults of Chinese Han ethnic group. 2008 , 121, 1093-1095		6
300	Annular Versus Subvalvular Approaches to Acute Ischemic Mitral Regurgitation. 2002 , 106,		6
299	Valve repair improves the outcome of surgery for mitral regurgitation. A multivariate analysis. 1995 , 91, 1022-8		496
298	Early results of a simplified method of mitral valve annuloplasty. 1995 , 92, 1150-4		18
297	Mitral subvalvular apparatus: different functions of primary and secondary chordae. 1997 , 96, 3124-8		63
296	Influence of Atrial Fibrillation on Outcome Following Mitral Valve Repair. 2001 , 104,		2
295	Rheumatic mitral valve repair: a personal perspective and results. 2020 , 28, 366-370		3
294	New or Worsened Mitral Regurgitation After Surgical Aortic Valve Replacement: A Systematic Review. 2021 , 25, 173-184		1
293	Multicenter Mitral Valve Study: A Lateral Approach Using the da Vinci Surgical System. 2007 , 2, 56-61		2

292	A Novel Design of Posterior Leaflet Butterfly Resection for Mitral Valve Repair. 2011 , 6, 54-56	1
291	JCS/JSCS/JATS/JSVS 2020 Guidelines on the Management of Valvular Heart Disease. 2020 , 84, 2037-2119	46
290	Sudden cardiac arrest and coexisting mitral valve prolapse: a case report and literature review. 2016 , 3, D1-8	4
289	Restrictive mitral valve annuloplasty for chronic ischemic mitral regurgitation: a 5-year clinical experience with the physio ring. 2008 , 11, E225-30	6
288	Congenital mitral valve regurgitation in adult patients. 2011 , 14, E114-6	4
287	Mitral valve annuloplasty with a bovine pericardial strip--18-year results. 2005 , 60, 305-10	8
286	Percutaneous Treatment of Mitral Regurgitation: Present and Future. 2017 , 1, 113-123	1
285	Ischemic Mitral Regurgitation: From New Understanding to New Solutions Role of Echocardiography. 2006 , 4, 1-18	6
284	Features of degenerative mitral valve prolapse in the North East of China: repair characteristics, and short-term follow-up results. 2020 , 68, 453-468	3
283	Immediate results of using a frame-mounted xeno-pericardial bioprosthesis in mitral position with an Easy Change System. 2020 , 35, 54-60	2
282	Technique of aortic valve repair for aortic regurgitation and preoperative echocardiographic assessment. 2018 , 45, 403-417	1
281	Ring-first Mitral Valve Repair. 6,	0
280	Advances in Cardiac Surgery: Valve Repair. 2003 , 23, 72-90	2
279	Recommendations for noninvasive evaluation of native valvular regurgitation A report from the american society of echocardiography developed in collaboration with the society for cardiovascular magnetic resonance. 2020 , 4, 58	5
278	A Modified Echocardiographic Classification of Mitral Valve Regurgitation Mechanism: The Role of Three-dimensional Echocardiography. 2019 , 27, 187-199	2
277	Valve Repair for Aortic Valve Insufficiency in the Setting of Acute Aortic Dissection. 2021 , 293-304	
276	Semirigid posterior annuloplasty band: Reshaping the mitral orifice while preserving its physiology.. 2021 , 10, 37-42	0
275	3DE Spectrum of Mitral Valve Prolapse. 2022 , 81-94	

274 Treatment of Mitral Valve Disease. **2000**, 334-346

273 Praxisrelevante Parameter bei Mitralklappenvitien und Mitralklappenersatz. **2000**, 127-157

272 Ten-Year Experience of Chordal Replacement With Expanded Polytetrafluoroethylene in Mitral Valve Repair. **2000**, 102,

1

271 Adult Heart Disease. **2003**, 567-585

270 Congenital Mitral Disease. **2005**, 195-206

269 Tratamiento quirúrgico de las valvulopatías cardíacas. **2006**, 327-334

268 Valvular Surgery in Cardiomyopathy. **2006**, 357-366

267 Management after valve repair. **2006**, 86-93

266 Surgery for Valvular Heart Disease. **2007**, 815-841

265 Chirurgische Therapie erworbener Herzklappenfehler. **2007**, 1-15

264 Erkrankungen der Mitralklappe. **2007**, 107-138

263 Valvular Heart Disease: Surgical Treatment. **2007**, 581-590

262 Adult Heart Disease. **2008**, 1621-1668

261 Échocardiographie peropératoire en chirurgie cardiaque. **2008**, 433-480

260 Valvular Heart Disease. **2008**, 95-133

259 Échocardiographie peropératoire de chirurgie reconstructrice mitrale. **2008**, 417-431

258 Intraoperative Echocardiography for Mitral Valve Disease. **2009**, 322-333

1

257 Mitral Valve Repair and Replacement, Including Associated Atrial Fibrillation and Tricuspid Regurgitation. **2009**, 291-306

1

- 256 Ischemic Mitral Regurgitation. **2009**, 260-273 1
- 255 Contemporary Considerations in Mitral Valve Surgery. **2009**, 311-333
- 254 Myxomatous Mitral Valve Disease. **2009**, 243-259 2
- 253 Reconstructive Techniques. **2010**, 221-226
- 252 Mitral Valve Disease. **2010**, 15-124
- 251 Reconstructive Techniques. **2010**, 193-206
- 250 Aortic annuloplasty. **2010**, 144-177
- 249 Implantation techniques of freehand subcoronary aortic valve and root replacement with a cryopreserved allograft for aortic root abscess. **2010**, 274-287
- 248 Aortic root abscess: reconstruction of the left ventricular outflow tract and allograft aortic valve and root replacement. **2010**, 243-273
- 247 Surgical Treatment of Mitral Regurgitation and Aortic Stenosis. **2010**, 273-306
- 246 Pathology and Classification of Mitral Valve Disease. **2010**, 21-29
- 245 How I Assess and Repair the Barlow Mitral Valve: The Respect Rather Than Resect Approach. **2010**, 69-76
- 244 Novel Techniques in Mitral Repair Extended and Rotational Chordal Transfer. **2010**, 5, 63-66
- 243 Congenital Anomalies of the Mitral Valve. **2010**, 2015-2024
- 242 Reoperations. **2010**, 331-336
- 241 The Role of Echocardiography in the Surgical Management of Degenerative Mitral Valve Disease. **2010**, 147-159
- 240 Chronic Mitral Regurgitation. **2010**, 31-42
- 239 Ischemic Mitral Regurgitation. **2010**, 1429-1448

238 Acquired Disease of the Mitral Valve. **2010**, 1207-1240

237 Left Ventricular Restoration. **2010**, 1573-1598

236 Traumatic Valvular Injury. **2010**, 311-314

235 Chirurgie der erworbenen AV-Klappen-Erkrankungen. **2010**, 635-663

234 Pulmonary autograft or aortic allograft for surgical treatment of active infective aortic valve endocarditis: a review of the literature. **2010**, 67-73

233 Surgical Treatment of Valvular Heart Disease. **2010**, 353-358

232 Infective Endocarditis. **2010**, 285-290

231 Pathophysiology, Valve Analysis, and Surgical Indications. **2010**, 217-220

230 Rheumatic Valvular Disease. **2010**, 259-266

229 Ischemic Valvular Disease. **2010**, 291-296

228 Mitral Valve Surgery. **2010**, 213-307

227 Introduction. **2010**, 3-4

1

226 How I Assess and Repair the Barlow Mitral Valve. **2010**, 85-95

225 How I Assess and Repair the Barlow Mitral Valve: The Edge-to-Edge Technique. **2010**, 77-84

224 Management of Mechanical Complications of Myocardial Infarction. **2010**, 91-101

223 Surgical Reconstruction of the Aortic Valve. 149-158

222 Percutaneous therapies for mitral valve disease. **2010**, 554-567

221 Protection of the Failing Heart. **2011**, 109-129

- 220 Current concepts in Barlow's valve reconstruction. **2011**, 145-153
- 219 Mitral Valve. **2011**, 289-356
- 218 Surgical Treatment of Mitral Valve Disease in the Elderly. **2011**, 415-426
- 217 Twenty-year results of artificial chordae replacement in mitral valve repair. **2011**, 131-143
- 216 Artificial chordal replacement for complex mitral valve repair. **2011**, 115-130
- 215 Kardiovaskuläre Erkrankungen. **2011**, 1-186
- 214 Repair of rheumatic mitral valve incompetence: surgical challenges and clinical results. **2011**, 213-235
- 213 Mitral valve repair in rheumatic disease. **2011**, 237-247
- 212 Is chordal insertion the procedure of choice in mitral valve repair?. **2011**, 111-114
- 211 Mitral Valve Repair for Myxomatous Disease of the Mitral Valve. **2011**, 142-144
- 210 Intraoperative Transesophageal Echocardiography. **2011**, 315-382
- 209 Transcatheter indirect mitral annuloplasty with the PTMA system: a technical report. **2011**, 7, 164-9 1
- 208 Increasing Mitral Valve Repair Rates with Nonresectional Techniques. **2011**, 6, 209-220 1
- 207 Percutaneous Mitral Valve Repair. **2012**, 647-660
- 206 The History of Research on Mitral, Tricuspid, and Aortic Valve Repair After the Advent of Cardiopulmonary Bypass. **2013**, 205-213
- 205 The History of Mitral and Tricuspid Valve Surgery Before the Advent of Cardiopulmonary Bypass. **2013**, 45-53
- 204 Microsizing using inside suture placement. A simple and versatile technique for precision adjustment of ring annuloplasties. **2012**, 15, E242-50
- 203 Mitral Valve Anatomy and Current Surgical and Percutaneous Approaches to Mitral Regurgitation. **2013**, 1-11

202 Echocardiographic Evaluation of Patients Before and After MitraClip Mitral Valve Repair. **2013**, 63-93

201 Intraoperative assessment for mitral valve competency in a beating heart under retrograde coronary perfusion. **2013**, 54, 192-5

3

200 Mitral Valve Insufficiency. **2013**, 23-47

199 Computer-Aided Design (CAD) Technologies for Biodevices. **2013**, 59-74

198 Sinus of Valsalva Aneurysm. 704-714

197 Robotic Multisegment Triangular Resections as an Alternative to Sliding Leaflet Plasty. **2013**, 8, 237-241

196 Mitral valve. 226-252

0

195 Percutaneous Management of Mitral Regurgitation. **2014**, 351-369

194 Ventricular Septal Defects. **2014**, 1455-1478

193 Intraoperative Transesophageal Echocardiography in Robotic Cardiac Surgery. **2014**, 33-48

192 Principles of Carpentier's Reconstructive Mitral Valve Surgery. **2014**, 131-143

191 Endoscopic Mitral Repair: Evolution to Robotics Endo-balloon Aortic Occlusion Technique. **2014**, 189-197

190 Echocardiographic Assessment of Mitral Valve Regurgitation. **2014**, 87, 424

189 Herzklappenchirurgie. **2014**, 37-81

188 Leaflet Edge-to-Edge Mitral Valve Repair. **2014**, 173-181

187 The Systemic Tricuspid Valve in Hypoplastic Left Heart Syndrome. **2014**, 121-134

186 Neochord Replacement for Mitral Valve Repair. **2014**, 165-172

185 Cardiac Surgery: Operative Techniques. **1985**, 297-310

- 184 Mitral Valve Replacement in Children under 16 Years of Age: Experience with the Bjork-Shiley Prosthesis. **1986**, 1308-1310
- 183 Calcium vaporization in laser valvuloplasty. **1986**, 1308-1310
- 182 Repair of Mitral Insufficiency on an Ischemic Basis. **1987**, 159-163
- 181 Effects of wavelength on cardiac valve tissue. **1987**, 159-163
- 180 RETRACTED CHAPTER: Atemnotsfall mit Hustenattacke und Angina pectoris beim Waldlauf. **1988**, 710-714
- 179 Transposition of Chordae in Floppy Mitral Valve Repair. **1989**, 171-175
- 178 Mitral Valve Reconstruction: Pushing the Conventional Limits. **1989**, 193-199
- 177 Mitral Valve Repair Without Using Rings or Slings. **1989**, 164-170
- 176 Aortic Valve Reconstructions. **1989**, 218-225
- 175 Conservative Surgery for Mitral Regurgitation: A Discriminant Analysis of Techniques and Lesions. **1989**, 183-192
- 174 Prolapsed Anterior Mitral Valve: Surgical Treatment by Partial Transposition of the Posterior Leaflet. **1989**, 176-182
- 173 Mitral Valve Reconstructions. **1989**, 120-150
- 172 What can we learn from classical operative techniques for valvular balloon dilatation?. **1989**, 57-70
- 171 Conservative Surgery of the Mitral Valve: An Echocardiographic Long-Term Evaluation. **1989**, 200-206
- 170 Koronare Herzkrankheit. **1991**, 339-368
- 169 Rekonstruktion des Mitralklappenhalteapparates bei mechanischem Mitralklappenersatz. **1992**, 524-528
- 168 Coronary Bypass Grafting in Conjunction with Carotid and Valvular Disease. **1992**, 43-61
- 167 Surgical Approaches to Chronic Congestive Heart Failure. **1994**, 701-716

166 Valve Repair in Acquired Heart Disease. **1995**, 7-11

165 Mitral Valve Surgery. **1995**, 148-179

164 Mitral Valve Surgery. **1996**, 118-142

163 Tricuspid Valve Surgery. **1996**, 167-174

162 Mitral valve homograft. **1997**, 333-347

161 Computer Models. **1998**, 453-470

160 Transesophageal Echocardiography. **1999**, 421-433

159 Anatomical Changes Associated with Secondary Mitral Regurgitation: Difference Between Ischemic and Idiopathic Cardiomyopathy. **2015**, 7-11

158 Prosthetic Ring Choice in Secondary Mitral Regurgitation. **2015**, 97-103

157 Functional Classification of Secondary Mitral Valve Regurgitation. **2015**, 19-28

156 Chordal Cutting: State of the Art. **2015**, 109-116

155 Heart Valve Dynamics. **2014**, 9-1-9-32

154 Echocardiographic Assessment of a Double-Orifice Mitral Valve: Tips and Tricks. **2015**, 43-64

153 Echocardiographic Assessment of Mitral Stenosis: Key Learning Points for Fellows/Residents in Training. **2015**, 3, 17-24

152 The Early Phase of Clinical Application: Lessons Learned. **2015**, 65-73

151 The Genesis of the Edge-to-Edge Technique. **2015**, 1-6

150 Mitral valve insufficiency: Background and indications for treatment. **2015**, 396-405

149 Parannular Elliptical Posterior Resection: A Low-Impact Reparative Technique for Mitral Valve Prolapse. **2015**, 10, 252-257

- 148 Single-Suture Neochorda-Folding Plasty for Mitral Regurgitation. **2016**, 49, 70-2 1
- 147 Towards Cognition-Guided Patient-Specific FEM-Based Cardiac Surgery Simulation. **2017**, 115-126 1
- 146 Valve Repair and Replacement in Congestive Heart Failure. **2017**, 427-459
- 145 Robot-Assisted Mitral Valve Repair with Posterior Leaflet Extension for Rheumatic Disease. **2017**, 12, 60-63
- 144 Techniques and Devices. **2017**, 133-151
- 143 Surgical Treatment of Aortic Regurgitation with Preservation of the Aortic Valve. **2018**, 205-278
- 142 Erworbene Herzklappenfehler. **2018**, 165-181
- 141 Mitral valve repair and points to keep in mind: requirements for preoperative echocardiographic evaluation. **2018**, 45, 363-370
- 140 Mitral Valve Repair with Artificial Chordae for Posterior Leaflet Disease. **2018**, 08, 117-125
- 139 Mitralklappeninsuffizienz: Warum und wann operiert werden sollte.
- 138 Carpentier classification of mitral valve regurgitation. 0
- 137 Numerical modeling of transapical mitral valve repair. **2019**,
- 136 Bicuspid Aortic Valve. **2019**, 73-80
- 135 Intraoperative assessment of mitral regurgitation. **2019**, 3, 66
- 134 Degenerative Mitral Regurgitation. **2019**, 127-143 0
- 133 Variations and Outcomes of Annuloplasty. **2019**, 127-137
- 132 MITRA-HR: the French correction vs the MitraClip. The race has started. **2019**, 15, e313-e316
- 131 Comprehensive Assessment of Primary Mitral Valve Disease: Clinical Presentation, Diagnosis, Medical and Surgical Therapy. **2020**, 103-124 1

- 130 A Treatise on The Surgical Management and A Suggested Amendment of Surgical Classification of Left Ventricular Rupture Following Mitral Valve Replacement. **2019**, 1-23
- 129 Innovative Approaches to Mitral Valve Repair and Replacement. **2020**, 131-176 1
- 128 Mitral Regurgitation. **2020**, 89-109
- 127 Outils innovants pour guider la réparation mitrale : méthodes et perspectives. **2020**, 204, 500-507
- 126 Clinical case study: combined surgical treatment of ischemic mitral regurgitation. **2020**, 19, 24-31
- 125 Results after Repair of Functional Tricuspid Regurgitation with a Three-Dimensional Annuloplasty Ring. **2021**, 10,
- 124 MitraClip Treatment of Moderate-to-Severe and Severe Mitral Regurgitation in High Surgical Risk Patients - Real-World 1-Year Outcomes From Japan. **2021**, 0
- 123 Mitral Valve Repair in Rheumatic Mitral Disease. **2020**, 389-396
- 122 Mitral valve surgery for rheumatic heart disease: replace, repair, retrain?. **2021**, 36, 179-185 2
- 121 Indications and Results of Repair of the Rheumatic Valve in Children in Senegal concerning 63 Cases. **2020**, 10, 51-58
- 120 Commentary: Late calcific fractures of expanded polytetrafluoroethylene neochordae: Blending techniques and a greater number of neochordae for durable mitral repair. **2020**, 1, 39-40 1
- 119 Commentary: Pushing the limits: Robotic mitral valve surgery in cardiac dextroversion.. **2022**, 11, 17-18
- 118 Abrupt Exacerbation of Atrial Functional Mitral Regurgitation During Emergence From General Anesthesia Following Transcatheter Aortic Valve Replacement. **2020**, 14, e01260
- 117 Untersuchung der Klappenfunktion nach Mitralklappenrekonstruktion. **2006**, 64-77
- 116 Quadranguläre Resektion, modifizierte Sliding Plasty. **2005**, 166-167
- 115 Mitral Valve Repair. **2008**, 161-180
- 114 Operative Mitralklappenrekonstruktion. **2020**, 49, 382-387
- 113 Interscallop separations of the posterior mitral valve leaflet: a solution to the 'borderline RHD' conundrum?. **2020**, 7, 0

112	Operative Results of Mitral Valve Repair and Replacement in Chronic Ischaemic Mitral Valve Regurgitation. 2020 , 29, 1713-1724	
111	Anatomy and Pathophysiology of Valvular Heart Disease. 2022 , 15-56	
110	Impact of frailty on short term outcomes, resource use, and readmissions after transcatheter mitral valve repair: A national analysis. 2021 , 16, e0259863	0
109	Starting A New Robotic Surgery Program for Mitral Valve Repair. Lessons Learned from The First Nine Months. 2021 , 10,	2
108	Repair with annuloplasty only of balanced bileaflet mitral valve prolapse with severe regurgitation.. 2021 ,	0
107	Association of transcatheter edge-to-edge repair with improved survival in older patients with severe, symptomatic degenerative mitral regurgitation.. 2022 ,	3
106	Multicomponent mitral valve reconstruction with papillary muscles suspension to the mitral annulus for ischemic mitral insufficiency type IIIb. 2021 , 14, 547	
105	Mitralklappenchirurgie der letzten 50 Jahre. 2022 , 36, 8-18	
104	Tricuspid regurgitation: recent advances in understanding pathophysiology, severity grading and outcome.. 2022 ,	3
103	2021 ESC/EACTS Guidelines for the management of valvular heart disease.. 2021 ,	14
102	Expanding Valve Repair in Rheumatic Heart Disease.. 2021 , 8, 799652	0
101	Mid-term results of mitral valve reconstruction with autologous pericardial patch for active infective endocarditis with extensive leaflet destruction.. 2022 , 1	1
100	Geometric differences of the mitral valve apparatus in atrial and ventricular functional mitral regurgitation.. 2022 ,	0
99	Respect or resect? Patient tailored approach.. 2022 ,	
98	Commissural closure to treat severe mitral regurgitation: standing the test of time.. 2022 ,	0
97	Insuficiencia mitral: magnitud del problema y opciones de mejora. 2022 ,	
96	Role of matrix metalloproteinases in mitral valve regurgitation: Association between the of MMP-1, MMP-9, TIMP-1, and TIMP-2 expression, degree of mitral valve insufficiency, and pathologic etiology.. 2022 ,	0
95	Comparative study of coronary artery bypass grafting combined with off-pump mitral valvuloplasty versus coronary artery bypass grafting alone in patients with moderate ischemic mitral regurgitation.. 2022 , 2676591211053826	0

- 94 Evaluation of an Innovative Device for Mitral Valve Regurgitation: Experimental Acute In Vivo Results.. **2022**, 15569845221085223
- 93 Dynamic change of mitral regurgitation after myocardial reverse remodelling: a case report.. **2022**, 6, ytac110
- 92 Non-robotic minimally invasive mitral valve repair: a 20-year single-centre experience.. **2022**, 1
- 91 Surgical Treatment of Valvular Heart Disease in Nigeria: A 6-Year Experience.. **2021**, 48,
- 90 Immediate clinical results of the new biological support ring for correction of mitral insufficiency. **2021**, 10, 88-95
- 89 Reparaci3n valvular mitral en la cardiopat3a reum3tica infantil. Una realidad paralela. **2021**,
- 88 Automatic morphological classification of mitral valve diseases in echocardiographic images based on explainable deep learning methods.. **2021**, 17, 413 1
- 87 Does Anatomic Phenotype of Mitral Annular Disjunction Impact Survival? An Autopsy-Based Retrospective Study.. **2021**, 8,
- 86 Valve-sparing surgery in Adult Patients with Aortic Valve Disease. **2020**, 77-87
- 85 Mitral Valve ProlapseThe Role of Cardiac Imaging Modalities. **2022**, 100024
- 84 State-of-the-Art Review: Technical and Imaging Considerations in Novel Transapical and Port-Access Mitral Valve Chordal Repair for Degenerative Mitral Regurgitation.. **2022**, 9, 850700
- 83 Mitral Valve Repair for Extreme Billowing and Prolapsing Valve. **2022**,
- 82 Video_1.MPG. **2020**,
- 81 Video_2.MPG. **2020**,
- 80 Tricuspid Annulus Dilation in Patients With Combined Functional Tricuspid Regurgitation and Left-Heart Valvular Disease: Does Septal Annulus Not Dilate?. **2022**, 9, 889163 0
- 79 Standardized papillary muscle relocation for type IIIb secondary mitral regurgitation improves two-year outcome.. **2022**,
- 78 Gu3a ESC/EACTS 2021 sobre el diagn3stico y tratamiento de las valvulopat3as. **2022**, 0
- 77 Principles of Carpentier's Reconstructive Surgery in Degenerative Mitral Valve Disease. **2022**, 627-633

- 76 Mitral Regurgitation. **2017**, 322-342 1
- 75 Transesophageal Echocardiography for Surgical Repair of Mitral Regurgitation. **2017**, 343-373
- 74 Mitral Regurgitation. **2016**, 477-509
- 73 Current Unmet Needs and Clues to the Solution in the Management of Tricuspid Regurgitation. **2022**, 52, 414
- 72 Preoperative assessment of mitral valve regurgitation with two- and three-dimensional transesophageal echocardiography. **2022**,
- 71 Current state of the art and recommendations in robotic mitral valve surgery. ○
- 70 Treatment of secondary mitral regurgitation by transcatheter edge-to-edge repair using MitraClip.
- 69 Transkatheterverfahren zur Behandlung der primären und sekundären Mitralklappeninsuffizienz. Wie sind die Ergebnisse in klinischen Studien?.
- 68 Early Results of Geometric Ring Annuloplasty for Bicuspid Aortic Valve Repair during Aortic Aneurysm Surgery. **2022**, ○
- 67 Beyond the 10-year horizon: Mitral valve repair solely with chordal replacement and annuloplasty. **2022**, ○
- 66 Two-year outcome after standardized papillary muscle relocation for type IIIb secondary mitral regurgitation: is it enough to assess the result improvement?.
- 65 Cardiac valve replacement and related interventions. **2022**, 707-760
- 64 Cirugía reconstructiva de la insuficiencia valvular mitral. **2022**, 33, 227-234
- 63 Mitral Repair With Complete Rings or Posterior Bands in Barlow Disease: Long-term Results. **2022**, ○
- 62 Concomitant Mitral Valve Re-Repair for Mixed Congenital and Degenerative Mitral Disease, Tricuspid Repair, and Cox-Maze Procedure in a College Athlete. 215013512211028
- 61 Leaflet Plication with Neochordae Implantation: A Novel Technique for Mitral Valve Repair. **2022**,
- 60 Surgical mitral valve repair technique considerations based on the available evidence. **2022**, 30, 302-316
- 59 Atypical case of ischemic mitral regurgitation: pathogenetically based treatment. **2022**, 21, 72-79

- 58 Collar-Like Neo-commissure in mitral valve repair for extensive commissural prolapse. **2022,**
- 57 Safe launch of a robotically assisted mitral valve repair program in a single center: experience of initial 20 cases under the Center for Minimally Invasive Surgery.
- 56 Mitralklappe: wann konservativ, wann operativ, wann interventionell?. **2022,** 147, 1039-1047
- 55 Mitral annuloplasty ring design and selection: Flexible bands are (mostly) all you need. **2022,**
- 54 Combined Transaortic-Transpulmonary Approach for Surgical Repair of Aortic Insufficiency Associated with Ventricular Septal Defect. **1993,** 1, 638-642 1
- 53 Comparison of Early and Late Postoperative Outcomes Between Chordal Reconstruction and Quadrangular Resection in Patients with Posterior Mitral Valve Prolapse: A Single-center Retrospective Study. 0
- 52 Aortic Valve Repair Following Ventriculo-septal Defect (VSD) and Severe Aortic Regurgitation: Surgical Techniques, Complications and Follow up Events. 0
- 51 Artificial chordae for mitral valve repair. **2022,** 37, 3722-3728 0
- 50 The Influence of Mitral Valve Asymmetry for an Improved Choice of Valve Repair or Replacement. **2022,** 7, 293 0
- 49 Reparaci3n rob3tica de la v3lvula mitral. **2022,** 0
- 48 Assessing the Impact of Publications: A Bibliometric Analysis of the Top-Cited Articles from The Journal of Thoracic and Cardiovascular Surgery. **2022,** 0
- 47 A morphofunctional analysis of the regurgitant mitral valve as a guide to repair: Another point of view. 0
- 46 Respect or resect in Barlow disease. 0
- 45 Takotsubo syndrome and interatrial septum rupture 3 rare combination of complications after transcatheter mitral valve repair. **2022,** 17, 63 0
- 44 Strategic Assessment of Mitral Valve Disease. **2022,** 49, 0
- 43 Aortic Valve Repair Using Geometric Ring Annuloplasty in Pediatric and Congenital Heart Disease Patients. **2022,** 0
- 42 In vivo assessment of mitral valve leaflet remodelling following myocardial infarction. **2022,** 12, 0
- 41 Different methods of neo-chordal fixation to the papillary muscle: Do they have any influence on the chordal biomechanical characteristics?. 0

- 40 Current controversies in aortic valve-preserving surgery. **2022**, ○
- 39 Mitral valve repair with artificial chords: Tips and tricks. ○
- 38 Combined Pharmacological and Complex and High-risk Coronary Intervention of Chronic Total Occlusion for Ischemic Mitral Regurgitation. 263246362211336 ○
- 37 Pathophysiology of Ischaemic Mitral Valve Prolapse: A Review of the Evidence and Implications for Surgical Treatment. 62-69 ○
- 36 Mitral Valve Re-Repair Due to Chordal Pseudo-Elongation Through Repeated Right Anterior Minithoracotomy. 155698452211300 ○
- 35 A new technique to adjust the length of artificial chordae during mitral anterior leaflet repair. ○
- 34 Artificial chordae for anterior leaflet prolapse: Are all the roads leading to Rome?. ○
- 33 Mitral Valve Coaptation Reserve Index; a Model to Localize Individual Resistance to Mitral Regurgitation caused by Annular Dilation. **2022**, ○
- 32 Shannon entropy as a reliable score to diagnose human fibroelastic degenerative mitral chords: A micro-ct ex-vivo study. **2022**, 110, 103919 ○
- 31 La reparaci3n de la v3lvula mitral patol3gica: una aventura multidisciplinar desde hace cien a3os. **2022**, 29, S2-S5 ○
- 30 OUR EXPERIENCE OF MITRAL VALVE REPAIR IN A PREDOMINANT RHEUMATIC POPULATION USING A SEMIFLEXIBLE ANNULOPLASTY RING (CE PHYSIO 2 ANNULOPLASTY RING).. **2022**, 52-55 ○
- 29 Mitral valve repair basic concepts. **2022**, ○
- 28 Mitral stenosis in a teenager after rheumatic mitral valve regurgitation valve repair: A case report. 9, ○
- 27 Safety and Efficacy of the Transaxillary Access for Minimally Invasive Mitral Valve SurgeryA Propensity Matched Competitive Analysis. **2022**, 58, 1850 ○
- 26 A journey from resect to respect to restore: aiming at optimal physiological surgical mitral valve repair. Publish Ahead of Print, ○
- 25 Comparison of early and late postoperative outcomes between chordal reconstruction and quadrangular resection in patients with posterior mitral valve prolapse: a single-center retrospective study. **2022**, 22, ○
- 24 Secondary Mitral Regurgitation: Cardiac Remodeling, Diagnosis, and Management. **2022**, 100129 ○
- 23 3D echocardiography in mitral valve prolapse. 9, ○

- 22 Valvular Heart Disease in the Elderly: Clinical and Multi-Modality Imaging Perspectives. **2023**, 277-302 ○
- 21 Comparison of Meta-analytical Estimates of Outcomes after Alfieri or Neochordal Repair in Isolated Anterior Mitral Prolapse. 2
- 20 The Mechanism and Natural History of Mitral Regurgitation in Cardiac Sarcoidosis. **2023**, 191, 84-91 ○
- 19 Anatomy of the mitral valve relative to controversies concerning the so-called annular disjunction. *heartjnl-2022-32204*
- 18 In silico analysis provides insights for patient-specific annuloplasty in Barlow disease. **2023**, ○
- 17 Valvular Heart Disease. **2023**, 936-943 ○
- 16 An Image-Based Computational Fluid Dynamics Study of Mitral Regurgitation in Presence of Prolapse. ○
- 15 Particularités échocardiographiques des valvulopathies rhumatismales. **2023**, 2023, 5-9 ○
- 14 A mitral valve repair update: simple, intuitive and physiological techniques, using running sutures (part I). **2023**, 63, ○
- 13 Mitral valve surgery for mitral annular calcification. **2023**, 37, 61-68 ○
- 12 Percutaneous MitraClip Device or Surgical Mitral Valve Repair in Patients With Primary Mitral Regurgitation Who Are Candidates for Surgery: Design and Rationale of the REPAIR MR Trial. **2023**, 12, ○
- 11 Reparación valvular mitral por prolapso del velo posterior: resultados y seguimiento a 20 años. **2023**, ○
- 10 Reparación de la insuficiencia mitral por prolapso del velo posterior. ¿Qué ha cambiado?. **2023**, ○
- 9 Recommendations for Special Competency in Echocardiographic Guidance of Structural Heart Disease Interventions: From the American Society of Echocardiography. **2023**, 36, 350-365 ○
- 8 Minimally Invasive Mitral Valve Surgery in the Elderly. ○
- 7 Turbulence and blood washout in presence of mitral regurgitation: a computational fluid-dynamics study in the complete left heart. ○
- 6 Subannular repair in secondary mitral regurgitation with restricted leaflet motion during systole. *heartjnl-2022-322239*
- 5 How To Do It: Mitral Valve Translocation. 155698452311596 ○

- 4 Regional geometric differences between regurgitant and non-regurgitant mitral valves in patients with coronary artery disease. ○
- 3 Minimally invasive and robotic mitral valve surgery. **2023**, 22, 17-26 ○
- 2 Surgical treatment of mitral incompetence as a gold standard. **2023**, 22, 12-16 ○
- 1 Microinvasive mitral valve surgery: Current status and status quo. 10, ○