

# Phillippe Pibarot

## List of Publications by Year in descending order

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557  
papers

49,929  
citations

1238

110  
h-index

1980

206  
g-index

571  
all docs

571  
docs citations

571  
times ranked

20361  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcatheter or Surgical Aortic-Valve Replacement in Intermediate-Risk Patients. New England Journal of Medicine, 2016, 374, 1609-1620.	27.0	3,992
2	Transcatheter Aortic-Valve Replacement with a Balloon-Expandable Valve in Low-Risk Patients. New England Journal of Medicine, 2019, 380, 1695-1705.	27.0	3,312
3	2021 ESC/EACTS Guidelines for the management of valvular heart disease. European Heart Journal, 2022, 43, 561-632.	2.2	2,169
4	Abdominal Obesity and the Metabolic Syndrome: Contribution to Global Cardiometabolic Risk. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1039-1049.	2.4	1,245
5	Transcatheter aortic valve replacement versus surgical valve replacement in intermediate-risk patients: a propensity score analysis. Lancet, The, 2016, 387, 2218-2225.	13.7	899
6	Paradoxical Low-Flow, Low-Gradient Severe Aortic Stenosis Despite Preserved Ejection Fraction Is Associated With Higher Afterload and Reduced Survival. Circulation, 2007, 115, 2856-2864.	1.6	818
7	Prosthetic Heart Valves. Circulation, 2009, 119, 1034-1048.	1.6	634
8	Calcific aortic stenosis. Nature Reviews Disease Primers, 2016, 2, 16006.	30.5	568
9	Hemodynamic and clinical impact of prosthesisâ€‘patient mismatch in the aortic valve position and its prevention. Journal of the American College of Cardiology, 2000, 36, 1131-1141.	2.8	559
10	Mechanisms, Prevention, and Treatment of Atrial Fibrillation After Cardiac Surgery. Journal of the American College of Cardiology, 2008, 51, 793-801.	2.8	527
11	Five-Year Outcomes of Transcatheter or Surgical Aortic-Valve Replacement. New England Journal of Medicine, 2020, 382, 799-809.	27.0	520
12	Impact of Valve Prosthesis-Patient Mismatch on Short-Term Mortality After Aortic Valve Replacement. Circulation, 2003, 108, 983-988.	1.6	502
13	The Complex Nature of Discordant Severe Calcified Aortic Valve Disease Grading. Journal of the American College of Cardiology, 2013, 62, 2329-2338.	2.8	436
14	Reduced Systemic Arterial Compliance Impacts Significantly on Left Ventricular Afterload and Function in Aortic Stenosis. Journal of the American College of Cardiology, 2005, 46, 291-298.	2.8	433
15	Valve Academic Research Consortium 3: Updated Endpoint Definitions for Aortic Valve Clinical Research. Journal of the American College of Cardiology, 2021, 77, 2717-2746.	2.8	416
16	Recommendations for the imaging assessment of prosthetic heart valves: a report from the European Association of Cardiovascular Imaging endorsed by the Chinese Society of Echocardiography, the Inter-American Society of Echocardiography, and the Brazilian Department of Cardiovascular Imaging<sup>â€‘</sup>. European Heart Journal Cardiovascular Imaging, 2016, 17, 589-590.	1.2	411
17	Acute kidney injury following transcatheter aortic valve implantation: predictive factors, prognostic value, and comparison with surgical aortic valve replacement. European Heart Journal, 2010, 31, 865-874.	2.2	410
18	The impact of prosthesisâ€‘patient mismatch on long-term survival after aortic valve replacement: a systematic review and meta-analysis of 34 observational studies comprising 27 186 patients with 133 141 patient-years. European Heart Journal, 2012, 33, 1518-1529.	2.2	410

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19	Visceral Obesity. Hypertension, 2009, 53, 577-584.	2.7	398
20	Paravalvular regurgitation after transcatheter aortic valve replacement with the Edwards sapien valve in the PARTNER trial: characterizing patients and impact on outcomes. European Heart Journal, 2015, 36, 449-456.	2.2	380
21	Predictors of Mortality and Outcomes of Therapy in Low-Flow Severe Aortic Stenosis. Circulation, 2013, 127, 2316-2326.	1.6	373
22	Low-Flow, Low-Gradient Aortic Stenosis With Normal and Depressed Left Ventricular Ejection Fraction. Journal of the American College of Cardiology, 2012, 60, 1845-1853.	2.8	368
23	Impact of Aortic Valve Calcification, as Measured by MDCT, on Survival in Patients With Aortic Stenosis. Journal of the American College of Cardiology, 2014, 64, 1202-1213.	2.8	367
24	Staging classification of aortic stenosis based on the extent of cardiac damage. European Heart Journal, 2017, 38, 3351-3358.	2.2	364
25	Standardized Definition of Structural Valve Degeneration for Surgical and Transcatheter Bioprosthetic Aortic Valves. Circulation, 2018, 137, 388-399.	1.6	350
26	Comparison of the Hemodynamic Performance of Percutaneous and Surgical Bioprostheses for the Treatment of Severe Aortic Stenosis. Journal of the American College of Cardiology, 2009, 53, 1883-1891.	2.8	347
27	2021 ESC/EACTS Guidelines for the management of valvular heart disease. European Journal of Cardio-thoracic Surgery, 2021, 60, 727-800.	1.4	344
28	Bicuspid Aortic Valve. Circulation, 2014, 129, 2691-2704.	1.6	342
29	Valve Academic Research Consortium 3: updated endpoint definitions for aortic valve clinical research. European Heart Journal, 2021, 42, 1825-1857.	2.2	342
30	The Impact of Integration of a Multidetector Computed Tomography Annulus Area Sizing Algorithm on Outcomes of Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2013, 62, 431-438.	2.8	322
31	Incidence and Sequelae of Prosthesis-Patient Mismatch in Transcatheter Versus Surgical Valve Replacement in High-Risk Patients With Severe Aortic Stenosis. Journal of the American College of Cardiology, 2014, 64, 1323-1334.	2.8	317
32	Usefulness of the Valvuloarterial Impedance to Predict Adverse Outcome in Asymptomatic Aortic Stenosis. Journal of the American College of Cardiology, 2009, 54, 1003-1011.	2.8	312
33	Early clinical and echocardiographic outcomes after SAPIEN 3 transcatheter aortic valve replacement in inoperable, high-risk and intermediate-risk patients with aortic stenosis. European Heart Journal, 2016, 37, 2252-2262.	2.2	305
34	The clinical use of stress echocardiography in non-ischæmic heart disease: recommendations from the European Association of Cardiovascular Imaging and the American Society of Echocardiography. European Heart Journal Cardiovascular Imaging, 2016, 17, 1191-1229.	1.2	300
35	Assessment of Aortic Valve Stenosis Severity. Circulation, 2000, 101, 765-771.	1.6	295
36	Outcome of Patients With Aortic Stenosis, Small Valve Area, and Low-Flow, Low-Gradient Despite Preserved Left Ventricular Ejection Fraction. Journal of the American College of Cardiology, 2012, 60, 1259-1267.	2.8	295

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37	Oxidized Phospholipids, Lipoprotein(a), and Progression of Calcific Aortic Valve Stenosis. Journal of the American College of Cardiology, 2015, 66, 1236-1246.	2.8	295
38	Paradoxical low flow and/or low gradient severe aortic stenosis despite preserved left ventricular ejection fraction: implications for diagnosis and treatment. European Heart Journal, 2010, 31, 281-289.	2.2	293
39	Long-Term Outcomes After Transcatheter Aortic Valve Implantation. Journal of the American College of Cardiology, 2012, 60, 1864-1875.	2.8	283
40	Cerebral Embolism Following Transcatheter Aortic Valve Implantation. Journal of the American College of Cardiology, 2011, 57, 18-28.	2.8	271
41	Transcatheter Aortic Valve Implantation Within Degenerated Aortic Surgical Bioprostheses. Journal of the American College of Cardiology, 2017, 69, 2253-2262.	2.8	271
42	Computed Tomography Aortic Valve Calcium Scoring in Patients With Aortic Stenosis. Circulation: Cardiovascular Imaging, 2018, 11, e007146.	2.6	251
43	Aortic Bioprosthetic Valve Durability. Journal of the American College of Cardiology, 2017, 70, 1013-1028.	2.8	248
44	Preoperative Posterior Leaflet Angle Accurately Predicts Outcome After Restrictive Mitral Valve Annuloplasty for Ischemic Mitral Regurgitation. Circulation, 2007, 115, 782-791.	1.6	240
45	Projected Valve Area at Normal Flow Rate Improves the Assessment of Stenosis Severity in Patients With Low-Flow, Low-Gradient Aortic Stenosis. Circulation, 2006, 113, 711-721.	1.6	237
46	Low-gradient aortic stenosis. European Heart Journal, 2016, 37, 2645-2657.	2.2	237
47	Impact of Prosthesis-Patient Mismatch on Long-Term Survival After Aortic Valve Replacement. Journal of the American College of Cardiology, 2009, 53, 39-47.	2.8	234
48	Usefulness of exercise-stress echocardiography for risk stratification of true asymptomatic patients with aortic valve stenosis. European Heart Journal, 2010, 31, 1390-1397.	2.2	231
49	Assessment of Paravalvular Regurgitation Following TAVR. JACC: Cardiovascular Imaging, 2015, 8, 340-360.	5.3	231
50	Predictive Factors and Long-Term Clinical Consequences of Persistent Left Bundle Branch Block Following Transcatheter Aortic Valve Implantation With a Balloon-Expandable Valve. Journal of the American College of Cardiology, 2012, 60, 1743-1752.	2.8	228
51	Infective Endocarditis After Transcatheter Aortic Valve Implantation. Circulation, 2015, 131, 1566-1574.	1.6	227
52	Incidence, Predictive Factors, and Prognostic Value of New-Onset Atrial Fibrillation Following Transcatheter Aortic Valve Implantation. Journal of the American College of Cardiology, 2012, 59, 178-188.	2.8	223
53	The Emerging Role of Exercise Testing and Stress Echocardiography in Valvular Heart Disease. Journal of the American College of Cardiology, 2009, 54, 2251-2260.	2.8	219
54	Comparison of Transcatheter and Surgical Aortic Valve Replacement in Severe Aortic Stenosis. Journal of the American College of Cardiology, 2013, 61, 2514-2521.	2.8	218

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55	Predictors of Outcomes in Low-Flow, Low-Gradient Aortic Stenosis. <i>Circulation</i> , 2008, 118, S234-42.	1.6	208
56	The Clinical Use of Stress Echocardiography in Non-Ischaemic Heart Disease: Recommendations from the European Association of Cardiovascular Imaging and the American Society of Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2017, 30, 101-138.	2.8	207
57	Incidence, Timing, and Predictors of Valve Hemodynamic Deterioration After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2016, 67, 644-655.	2.8	205
58	Outcomes 2 Years After Transcatheter Aortic Valve Replacement in Patients at Low Surgical Risk. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1149-1161.	2.8	204
59	Impact of Prosthesis-Patient Mismatch on Cardiac Events and Midterm Mortality After Aortic Valve Replacement in Patients With Pure Aortic Stenosis. <i>Circulation</i> , 2006, 113, 570-576.	1.6	199
60	Natural History, Diagnostic Approaches, and Therapeutic Strategies for Patients With Asymptomatic Severe Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2263-2288.	2.8	198
61	Restrictive Annuloplasty for Ischemic Mitral Regurgitation May Induce Functional Mitral Stenosis. <i>Journal of the American College of Cardiology</i> , 2008, 51, 1692-1701.	2.8	187
62	Predictive Factors, Efficacy, and Safety of Balloon Post-Dilation After Transcatheter Aortic Valve Implantation With a Balloon-Expandable Valve. <i>JACC: Cardiovascular Interventions</i> , 2012, 5, 499-512.	2.9	187
63	Autotaxin Derived From Lipoprotein(a) and Valve Interstitial Cells Promotes Inflammation and Mineralization of the Aortic Valve. <i>Circulation</i> , 2015, 132, 677-690.	1.6	185
64	Discrepancies between catheter and Doppler estimates of valve effective orifice area can be predicted from the pressure recovery phenomenon. <i>Journal of the American College of Cardiology</i> , 2003, 41, 435-442.	2.8	183
65	Altered DNA Methylation of Long Noncoding RNA <i>H19</i> in Calcific Aortic Valve Disease Promotes Mineralization by Silencing <i>NOTCH1</i> . <i>Circulation</i> , 2016, 134, 1848-1862.	1.6	182
66	Aortic Stenosis and Cardiac Amyloidosis. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2638-2651.	2.8	182
67	Incidence, Predictive Factors, and Prognostic Value of Myocardial Injury Following Uncomplicated Transcatheter Aortic Valve Implantation. <i>Journal of the American College of Cardiology</i> , 2011, 57, 1988-1999.	2.8	177
68	Outcomes of Patients With Asymptomatic Aortic Stenosis Followed Up in Heart Valve Clinics. <i>JAMA Cardiology</i> , 2018, 3, 1060.	6.1	177
69	Stress Echocardiography to Assess Stenosis Severity and Predict Outcome in Patients With Paradoxical Low-Flow, Low-Gradient Aortic Stenosis and Preserved LVEF. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 175-183.	5.3	173
70	Downregulation of MicroRNA-126 Contributes to the Failing Right Ventricle in Pulmonary Arterial Hypertension. <i>Circulation</i> , 2015, 132, 932-943.	1.6	173
71	One-Year Clinical Outcomes With SAPIEN 3 Transcatheter Aortic Valve Replacement in High-Risk and Inoperable Patients With Severe Aortic Stenosis. <i>Circulation</i> , 2016, 134, 130-140.	1.6	172
72	Impact of Low Flow on the Outcome of High-Risk Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2013, 62, 782-788.	2.8	168

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73	Predictors and Outcomes of Prosthesis-Patient Mismatch After Aortic Valve Replacement. JACC: Cardiovascular Imaging, 2016, 9, 924-933.	5.3	168
74	Inflammation Is Associated with the Remodeling of Calcific Aortic Valve Disease. Inflammation, 2013, 36, 573-581.	3.8	163
75	The Incidence and Consequence of Prosthesis-Patient Mismatch After Surgical Aortic Valve Replacement. Annals of Thoracic Surgery, 2018, 106, 14-22.	1.3	161
76	Improving Assessment of Aortic Stenosis. Journal of the American College of Cardiology, 2012, 60, 169-180.	2.8	160
77	Outcome and Impact of Aortic Valve Replacement in Patients With Preserved LVEF and Low-Gradient Aortic Stenosis. Journal of the American College of Cardiology, 2015, 66, 2594-2603.	2.8	159
78	Obesity and Metabolic Syndrome Are Independent Risk Factors for Atrial Fibrillation After Coronary Artery Bypass Graft Surgery. Circulation, 2007, 116, 1213-9.	1.6	157
79	Association of Paravalvular Regurgitation With 1-Year Outcomes After Transcatheter Aortic Valve Replacement With the SAPIEN 3 Valve. JAMA Cardiology, 2017, 2, 1208.	6.1	155
80	Transcatheter Aortic Valve Replacement in Patients With Low-Flow, Low-Gradient Aortic Stenosis. Journal of the American College of Cardiology, 2018, 71, 1297-1308.	2.8	152
81	Staging Cardiac Damage in Patients With Asymptomatic Aortic Valve Stenosis. Journal of the American College of Cardiology, 2019, 74, 550-563.	2.8	152
82	Association Between Plasma LDL Particle Size, Valvular Accumulation of Oxidized LDL, and Inflammation in Patients With Aortic Stenosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 187-193.	2.4	151
83	Metabolic Syndrome Negatively Influences Disease Progression and Prognosis in Aortic Stenosis. Journal of the American College of Cardiology, 2006, 47, 2229-2236.	2.8	150
84	ESC Working Group on Valvular Heart Disease Position Paper—heart valve clinics: organization, structure, and experiences. European Heart Journal, 2013, 34, 1597-1606.	2.2	150
85	MITRA-FR vs. COAPT: lessons from two trials with diametrically opposed results. European Heart Journal Cardiovascular Imaging, 2019, 20, 620-624.	1.2	149
86	Significant Mitral Regurgitation Left Untreated at the Time of Aortic Valve Replacement. Journal of the American College of Cardiology, 2014, 63, 2643-2658.	2.8	147
87	Need for Permanent Pacemaker as a Complication of Transcatheter Aortic Valve Implantation and Surgical Aortic Valve Replacement in Elderly Patients With Severe Aortic Stenosis and Similar Baseline Electrocardiographic Findings. JACC: Cardiovascular Interventions, 2012, 5, 540-551.	2.9	145
88	Visceral obesity and the heart. International Journal of Biochemistry and Cell Biology, 2008, 40, 821-836.	2.8	142
89	Validation of Conventional and Simplified Methods to Calculate Projected Valve Area at Normal Flow Rate in Patients With Low Flow, Low Gradient Aortic Stenosis: The Multicenter TOPAS (True or Pseudo) Tj ETQq1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000	2.8	141
90	Transcatheter Aortic Valve Implantation: A Canadian Cardiovascular Society Position Statement. Canadian Journal of Cardiology, 2012, 28, 520-528.	1.7	142

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91	Rationale and design of the Transcatheter Aortic Valve Replacement to UNload the Left ventricle in patients with ADvanced heart failure (TAVR UNLOAD) trial. American Heart Journal, 2016, 182, 80-88.	2.7	142
92	Cardiac Imaging for Assessing Low-Gradient Severe Aortic Stenosis. JACC: Cardiovascular Imaging, 2017, 10, 185-202.	5.3	141
93	Outcomes of Transcatheter and Surgical Aortic Valve Replacement in High-Risk Patients With Aortic Stenosis and Left Ventricular Dysfunction. Circulation: Cardiovascular Interventions, 2013, 6, 604-614.	3.9	139
94	Progression of Hypertrophy and Myocardial Fibrosis in Aortic Stenosis. Circulation: Cardiovascular Imaging, 2018, 11, e007451.	2.6	139
95	Mitral Repair versus Replacement for Ischemic Mitral Regurgitation. Circulation, 2009, 120, S104-11.	1.6	134
96	Impact of Prosthesis-Patient Mismatch on Survival After Mitral Valve Replacement. Circulation, 2007, 115, 1417-1425.	1.6	133
97	B-Type Natriuretic Peptide in Low-Flow, Low-Gradient Aortic Stenosis. Circulation, 2007, 115, 2848-2855.	1.6	133
98	Feasibility and Initial Results of Percutaneous Aortic Valve Implantation Including Selection of the Transfemoral or Transapical Approach in Patients With Severe Aortic Stenosis. American Journal of Cardiology, 2008, 102, 1240-1246.	1.6	131
99	Ischemic Mitral Regurgitation: A Complex Multifaceted Disease. Cardiology, 2009, 112, 244-259.	1.4	131
100	Pulmonary Hypertension in Valvular Disease. JACC: Cardiovascular Imaging, 2015, 8, 83-99.	5.3	131
101	Comprehensive Echocardiographic Assessment of Normal Transcatheter Valve Function. JACC: Cardiovascular Imaging, 2019, 12, 25-34.	5.3	130
102	Patient-prosthesis mismatch can be predicted at the time of operation. Annals of Thoracic Surgery, 2001, 71, S265-S268.	1.3	128
103	Hemodynamic and physical performance during maximal exercise in patients with an aortic bioprosthetic valve. Journal of the American College of Cardiology, 1999, 34, 1609-1617.	2.8	126
104	Refining Molecular Pathways Leading to Calcific Aortic Valve Stenosis by Studying Gene Expression Profile of Normal and Calcified Stenotic Human Aortic Valves. Circulation: Cardiovascular Genetics, 2009, 2, 489-498.	5.1	123
105	3-Year Outcomes After Valve-in-Valve Transcatheter Aortic Valve Replacement for Degenerated Bioprostheses. Journal of the American College of Cardiology, 2019, 73, 2647-2655.	2.8	123
106	Early Regression of Severe Left Ventricular Hypertrophy After Transcatheter Aortic Valve Replacement Is Associated With Decreased Hospitalizations. JACC: Cardiovascular Interventions, 2014, 7, 662-673.	2.9	122
107	Incidence and Severity of Paravalvular Aortic Regurgitation With Multidetector Computed Tomography Nominal Area Oversizing or Undersizing After Transcatheter Heart Valve Replacement With the Sapien 3. JACC: Cardiovascular Interventions, 2015, 8, 462-471.	2.9	122
108	Prognostic Implications of Moderate Aortic Stenosis in Patients With Left Ventricular Systolic Dysfunction. Journal of the American College of Cardiology, 2017, 69, 2383-2392.	2.8	122



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109	Multi-modality imaging assessment of native valvular regurgitation: an EACVI and ESC council of valvular heart disease position paper. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, e171-e232.	1.2	121
110	Structural Deterioration of Transcatheter Versus Surgical Aortic Valve Bioprotheses in the PARTNER-2 Trial. <i>Journal of the American College of Cardiology</i> , 2020, 76, 1830-1843.	2.8	119
111	Impact of valve prosthesis-patient mismatch on pulmonary arterial pressure after mitral valve replacement. <i>Journal of the American College of Cardiology</i> , 2005, 45, 1034-1040.	2.8	117
112	Clinical impact and evolution of mitral regurgitation following transcatheter aortic valve replacement: a meta-analysis. <i>Heart</i> , 2015, 101, 1395-1405.	2.9	115
113	Elevated Expression of Lipoprotein-Associated Phospholipase A2 in Calcific Aortic Valve Disease. <i>Journal of the American College of Cardiology</i> , 2014, 63, 460-469.	2.8	108
114	Open issues in transcatheter aortic valve implantation. Part 2: procedural issues and outcomes after transcatheter aortic valve implantation. <i>European Heart Journal</i> , 2014, 35, 2639-2654.	2.2	105
115	Impact of Metabolic Syndrome on Progression of Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2012, 60, 216-223.	2.8	103
116	Outcome and Impact of Surgery in Paradoxical Low-Flow, Low-Gradient Severe Aortic Stenosis and Preserved Left Ventricular Ejection Fraction. <i>Circulation</i> , 2013, 128, S235-42.	1.6	97
117	Long-term outcomes after transcatheter aortic valve implantation in failed bioprosthetic valves. <i>European Heart Journal</i> , 2020, 41, 2731-2742.	2.2	97
118	Usefulness of TEE as the Primary Imaging Technique to Guide Transcatheter Transapical Aortic Valve Implantation. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 115-124.	5.3	96
119	Open issues in transcatheter aortic valve implantation. Part 1: patient selection and treatment strategy for transcatheter aortic valve implantation. <i>European Heart Journal</i> , 2014, 35, 2627-2638.	2.2	96
120	Transcatheter Tricuspid Valve Repair With A New Transcatheter Coaptation System for the Treatment of Severe Tricuspid Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 1994-2003.	2.9	96
121	Transcatheter Aortic Valve Implantation in Patients With Severe Aortic Stenosis and Small Aortic Annulus. <i>Journal of the American College of Cardiology</i> , 2011, 58, 1016-1024.	2.8	94
122	Staging Cardiac Damage in Patients With Symptomatic Aortic Valve Stenosis. <i>Journal of the American College of Cardiology</i> , 2019, 74, 538-549.	2.8	93
123	Transcatheter Aortic Valve Replacement in Bicuspid Aortic Valve Stenosis. <i>Circulation</i> , 2021, 143, 1043-1061.	1.6	93
124	Metabolic Syndrome Is Associated With Faster Degeneration of Bioprosthetic Valves. <i>Circulation</i> , 2006, 114, I512-7.	1.6	91
125	Clinical Impact of Aortic Regurgitation After Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, 1022-1032.	2.9	91
126	Impact of Pre-Existing Prosthesis-Patient Mismatch on Survival Following Aortic Valve-in-Valve Procedures. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 133-141.	2.9	91



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128	Transcatheter Aortic Heart Valves. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 135-145.	5.3	89
129	Echocardiographic Results of Transcatheter Versus Surgical Aortic Valve Replacement in Low-Risk Patients. <i>Circulation</i> , 2020, 141, 1527-1537.	1.6	89
130	Validation and Characterization of Transcatheter Aortic Valve Effective Orifice Area Measured by Doppler Echocardiography. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 1053-1062.	5.3	88
131	Clinical Trial Principles and Endpoint Definitions for Paravalvular Leaks in Surgical Prosthesis. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2067-2087.	2.8	88
132	Metabolic Syndrome Is Associated With More Pronounced Impairment of Left Ventricle Geometry and Function in Patients With Calcific Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2010, 55, 1867-1874.	2.8	87
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135	Valve-in-Valve Transcatheter Aortic Valve Replacement Versus Redo Surgical Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 211-220.	2.9	86
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137	Comparison between cardiovascular magnetic resonance and transthoracic doppler echocardiography for the estimation of effective orifice area in aortic stenosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2011, 13, 25.	3.3	83
138	Outcomes With Post-Dilation Following Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, 781-789.	2.9	83
139	Impact of Classic and Paradoxical Low Flow on Survival After Aortic Valve Replacement for Severe Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2015, 65, 645-653.	2.8	83
140	Long-Term Valve Performance of TAVR and SAVR. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 15-25.	5.3	83
141	Imaging for Predicting and Assessing Prosthesis-Patient Mismatch After Aortic Valve Replacement. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 149-162.	5.3	83
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143	Timing of intervention in aortic stenosis: a review of current and future strategies. <i>Heart</i> , 2018, 104, 2067-2076.	2.9	82
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146	Comparison of Hemodynamic Performance of the Balloon-Expandable SAPIEN 3 Versus SAPIEN XT Transcatheter Valve. American Journal of Cardiology, 2014, 114, 1075-1082.	1.6	79
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149	Association of Mild to Moderate Aortic Valve Stenosis Progression With Higher Lipoprotein(a) and Oxidized Phospholipid Levels. JAMA Cardiology, 2018, 3, 1212.	6.1	76
150	Prognostic importance of brain natriuretic peptide and left ventricular longitudinal function in asymptomatic degenerative mitral regurgitation. Heart, 2012, 98, 584-591.	2.9	75
151	Impact of hypertension and renin-angiotensin system inhibitors in aortic stenosis. European Journal of Clinical Investigation, 2013, 43, 1262-1272.	3.4	75
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154	Cardiovascular Magnetic Resonance to Evaluate Aortic Regurgitation After Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2016, 68, 577-585.	2.8	74
155	Prosthesis-Patient Mismatch: An Update. Current Cardiology Reports, 2011, 13, 250-257.	2.9	73
156	Usefulness of Global Left Ventricular Longitudinal Strain for Risk Stratification in Low Ejection Fraction, Low-Gradient Aortic Stenosis. Circulation: Cardiovascular Imaging, 2015, 8, e002117.	2.6	73
157	Middle-aged men with increased waist circumference and elevated C-reactive protein level are at higher risk for postoperative atrial fibrillation following coronary artery bypass grafting surgery. European Heart Journal, 2009, 30, 1270-1278.	2.2	71
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159	Estimation of aortic valve effective orifice area by Doppler echocardiography: effects of valve inflow shape and flow rate. Journal of the American Society of Echocardiography, 2004, 17, 756-765.	2.8	69
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161	Haemodynamic and anatomic progression of aortic stenosis. Heart, 2015, 101, 943-947.	2.9	67
162	Bioprosthetic aortic valve durability in the era of transcatheter aortic valve implantation. Heart, 2018, 104, 1323-1332.	2.9	67

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164	Sex-Related Differences in the Extent of Myocardial Fibrosis in Patients With Aortic Valve Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 699-711.	5.3	67
165	Incidence, predictors and clinical outcomes of residual stenosis after aortic valve-in-valve. <i>Heart</i> , 2018, 104, 828-834.	2.9	64
166	Hemodynamic Deterioration of Surgically Implanted Bioprosthetic Aortic Valves. <i>Journal of the American College of Cardiology</i> , 2018, 72, 241-251.	2.8	64
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168	Predictors and Impact of Myocardial Injury After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2015, 66, 2075-2088.	2.8	63
169	Systolic hypertension and progression of aortic valve calcification in patients with aortic stenosis: results from the PROGRESSA study. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 70-78.	1.2	63
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171	Left Ventricular Remodelling in Aortic Stenosis. <i>Canadian Journal of Cardiology</i> , 2014, 30, 1004-1011.	1.7	62
172	Assessment of Paravalvular Aortic Regurgitation after Transcatheter Aortic Valve Replacement: Intra- and Core Laboratory Variability. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 415-422.	2.8	62
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180	Regression of Left Ventricular Mass After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2020, 75, 2446-2458.	2.8	60

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188	Computed Tomographyâ€“Based Oversizing Degrees and Incidence of Paravalvular Regurgitation of a New Generation Transcatheter Heart Valve. JACC: Cardiovascular Interventions, 2017, 10, 810-820.	2.9	57
189	Multiple and Mixed Valvular Heart Diseases. Circulation: Cardiovascular Imaging, 2018, 11, e007862.	2.6	57
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191	Impact of left ventricular remodelling patterns on outcomes in patients with aortic stenosis. European Heart Journal Cardiovascular Imaging, 2017, 18, 1378-1387.	1.2	56
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241	Management of Paradoxical Low-Flow, Low-Gradient Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2015, 65, 67-71.	2.8	39
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248	Inhibition of ectonucleotidase with ARL67156 prevents the development of calcific aortic valve disease in warfarin-treated rats. <i>European Journal of Pharmacology</i> , 2012, 689, 139-146.	3.5	37
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255	Performance-based functional assessment of patients undergoing transcatheter aortic valve implantation. American Heart Journal, 2011, 161, 726-734.	2.7	34
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268	Insulin Resistance and LVH Progression in Patients With Calcific Aortic Stenosis. JACC: Cardiovascular Imaging, 2013, 6, 165-174.	5.3	31
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275	Clinical Trial Principles and Endpoint Definitions for Paravalvular Leaks in Surgical Prosthesis. European Heart Journal, 2018, 39, 1224-1245.	2.2	29
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