

Tudor C Poerner

List of Publications by Year in descending order

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76
papers

4,677
citations

304743

22
h-index

98798

67
g-index

91
all docs

91
docs citations

91
times ranked

5617
citing authors

#	ARTICLE	IF	CITATIONS
1	Alogliptin after Acute Coronary Syndrome in Patients with Type 2 Diabetes. <i>New England Journal of Medicine</i> , 2013, 369, 1327-1335.	27.0	2,261
2	Effect of Platelet Inhibition with Cangrelor during PCI on Ischemic Events. <i>New England Journal of Medicine</i> , 2013, 368, 1303-1313.	27.0	695
3	Drug-Coated Balloons for Coronary Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1391-1402.	2.9	218
4	Drug-coated balloons for treatment of coronary artery disease: updated recommendations from a consensus group. <i>Clinical Research in Cardiology</i> , 2013, 102, 785-797.	3.3	157
5	Risk Assessment of Ventricular Arrhythmias in Patients with Nonischemic Dilated Cardiomyopathy by Strain Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2012, 25, 667-673.	2.8	156
6	Detection of Coronary Microembolization by Doppler Ultrasound in Patients With Stable Angina Pectoris Undergoing Elective Percutaneous Coronary Interventions. <i>Circulation</i> , 2007, 115, 600-608.	1.6	104
7	Long-term efficacy and safety of drug-coated balloons versus drug-eluting stents for small coronary artery disease (BASKET-SMALL 2): 3-year follow-up of a randomised, non-inferiority trial. <i>Lancet</i> , The, 2020, 396, 1504-1510.	13.7	96
8	Drug-eluting Stents: Potential Applications for Peripheral Arterial Occlusive Disease. <i>Journal of Vascular and Interventional Radiology</i> , 2003, 14, 291-301.	0.5	94
9	Natural history of small and medium-sized side branches after coronary stent implantation. <i>American Heart Journal</i> , 2002, 143, 627-635.	2.7	67
10	Role of vessel size as a predictor for the occurrence of in-stent restenosis in patients with diabetes mellitus. <i>American Journal of Cardiology</i> , 2001, 88, 243-247.	1.6	48
11	Outcome predictors in cardiopulmonary resuscitation facilitated by extracorporeal membrane oxygenation. <i>Clinical Research in Cardiology</i> , 2016, 105, 196-205.	3.3	47
12	Time-Dependent Changes in the Plasma Concentration of Matrix Metalloproteinase 9 after Acute Myocardial Infarction. <i>Cardiology</i> , 2003, 99, 140-144.	1.4	45
13	Side branch occlusion after coronary stent implantation in patients presenting with ST-elevation myocardial infarction. <i>American Heart Journal</i> , 2006, 151, 153-157.	2.7	43
14	Detection of a Pseudonormal Mitral Inflow Pattern: An Echocardiographic and Tissue Doppler Study. <i>Echocardiography</i> , 2003, 20, 345-356.	0.9	39
15	Evaluation of the microcirculation during extracorporeal membrane-oxygenation. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 40, 311-314.	1.7	37
16	Influence of Nebivolol and Metoprolol on Inflammatory Mediators in Human Coronary Endothelial or Smooth Muscle Cells. Effects on Neointima Formation After Balloon Denudation in Carotid Arteries of Rats Treated with Nebivolol. <i>Cellular Physiology and Biochemistry</i> , 2007, 19, 129-136.	1.6	34
17	Fractional flow reserve-guided coronary angioplasty using paclitaxel-coated balloons without stent implantation: feasibility, safety and 6-month results by angiography and optical coherence tomography. <i>Clinical Research in Cardiology</i> , 2017, 106, 18-27.	3.3	34
18	Vena contracta area for severity grading in functional and degenerative mitral regurgitation: a transoesophageal 3D colour Doppler analysis in 500 patients. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 639-646.	1.2	32

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19	Detection of irregular patterns of myocardial contraction in patients with hypertensive heart disease. <i>Journal of Hypertension</i> , 2011, 29, 2255-2264.	0.5	27
20	Exercise tissue Doppler echocardiography with strain rate imaging in healthy young individuals: feasibility, normal values and reproducibility. <i>International Journal of Cardiovascular Imaging</i> , 2007, 23, 149-155.	1.5	26
21	Stent Coverage and Neointimal Proliferation in Bare Metal Stents Postdilated With a Paclitaxel-Eluting Balloon Versus Everolimus-Eluting Stents. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 760-767.	3.9	26
22	Radial Force and Wall Apposition of Balloon-expandable Vascular Stents in Eccentric Stenoses: An In Vitro Evaluation in a Curved Vessel Model. <i>Journal of Vascular and Interventional Radiology</i> , 2002, 13, 499-508.	0.5	23
23	Microembolization and myonecrosis during elective percutaneous coronary interventions in diabetic patients: an intracoronary Doppler ultrasound study with 2-year clinical follow-up. <i>Basic Research in Cardiology</i> , 2012, 107, 289.	5.9	21
24	A hybrid approach for quantification of aortic valve stenosis using cardiac magnetic resonance imaging and echocardiography. <i>Clinical Research in Cardiology</i> , 2006, 95, 162-167.	3.3	19
25	Physiological range of mechanical synchronicity of the human heart: Comparison between different echocardiographic assessment modalities. <i>Ultrasound in Medicine and Biology</i> , 2005, 31, 1163-1172.	1.5	18
26	An exercise tissue Doppler and strain rate imaging study of diastolic myocardial dysfunction after Kawasaki syndrome in childhood. <i>Cardiology in the Young</i> , 2007, 17, 478-486.	0.8	18
27	Evaluation of the microcirculation during extracorporeal membrane-oxygenation. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 40, 311-4.	1.7	18
28	Diastolic Biventricular Impairment at Long-term Follow-up After Atrial Switch Operation for Complete Transposition of the Great Arteries: An Exercise Tissue Doppler Echocardiography Study. <i>Journal of the American Society of Echocardiography</i> , 2007, 20, 1285-1293.	2.8	17
29	First use of a novel plug-and-play percutaneous circulatory assist device for high-risk coronary angioplasty. <i>Acute Cardiac Care</i> , 2008, 10, 111-115.	0.2	15
30	Outcomes following implantation of the biolimus A9-eluting BioMatrix coronary stent: Primary analysis of the BrioMatrix registry. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 86, 1151-1160.	1.7	13
31	A novel regional right ventricular wall-motion abnormality observed in a case of acute pulmonary embolism (reverse McConnell sign). <i>Journal of the American Society of Echocardiography</i> , 2005, 18, 75-77.	2.8	12
32	Impact of acute normobaric hypoxia on regional and global myocardial function: a speckle tracking echocardiography study. <i>International Journal of Cardiovascular Imaging</i> , 2012, 29, 561-70.	1.5	12
33	Interventional left atrial appendage occlusion: added value of 3D transesophageal echocardiography for device sizing. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 1363-1370.	1.5	12
34	Direct versus conventional stent implantation in patients with acute coronary syndrome just before the era of drug-eluting stents. <i>International Journal of Cardiology</i> , 2005, 105, 85-89.	1.7	11
35	Early diastolic strain rate predicts response to heart failure therapy in patients with dilated cardiomyopathy. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 505-513.	1.5	11
36	A prospective randomised study using optical coherence tomography to assess endothelial coverage and neointimal proliferation at 6-months after implantation of a coronary everolimus-eluting stent compared with a bare metal stent postdilated with a paclitaxel-eluting balloon (OCTOPUS Trial): rationale, design and methods. <i>EuroIntervention</i> , 2011, 7, K93-K99.	3.2	11

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37	Determinants of Stent Expansion in Curved Stenotic Lesions: An In Vitro Experimental Study. <i>Journal of Vascular and Interventional Radiology</i> , 2004, 15, 727-735.	0.5	10
38	Echocardiographic Evaluation of Left Ventricular Filling Pressures Validated Against an Implantable Left Ventricular Pressure Monitoring System. <i>Echocardiography</i> , 2011, 28, 619-625.	0.9	10
39	Endothelial progenitor cells and plaque burden in stented coronary artery segments: an optical coherence tomography study six months after elective PCI. <i>BMC Cardiovascular Disorders</i> , 2017, 17, 103.	1.7	10
40	Absence of strong linkage disequilibrium between odorant receptor alleles and the major histocompatibility complex. <i>Human Immunology</i> , 2013, 74, 1619-1623.	2.4	9
41	Non-invasive evaluation of left ventricular filling pressures in patients with abnormal relaxation. <i>Clinical Science</i> , 2004, 106, 485-494.	4.3	8
42	Prevalence of atherosclerosis of the coronary and extracranial cerebral arteries in patients undergoing aortic valve replacement for calcified stenosis. <i>Journal of Heart Valve Disease</i> , 2006, 15, 165-8.	0.5	8
43	Bridge to recovery in a patient with Churg Strauss myocarditis by long-term percutaneous support with microaxial blood pump. <i>Heart</i> , 2007, 93, 1419-1419.	2.9	7
44	Validation of the Peak to Mean Pressure Decrease Ratio as a New Method of Assessing Aortic Stenosis Using the Gorlin Formula and the Cardiovascular Magnetic Resonance-Based Hybrid Method. <i>Echocardiography</i> , 2007, 24, 335-339.	0.9	7
45	Quantifizierung des Recoils von Koronarstents: eine in-vitro-Untersuchung an Koronarstenosenmodellen mittels hochauflösender Röntgentechnik. <i>Biomedizinische Technik</i> , 1997, 42, 205-206.	0.8	6
46	Churg-Strauss Syndrome Presenting with Cardiac Mass and Right Ventricular Obstruction. <i>Clinical Cardiology</i> , 2009, 32, E77-9.	1.8	6
47	Regional Myocardial Function in Children with Chronic Aortic Regurgitation. <i>Echocardiography</i> , 2010, 27, 1021-1027.	0.9	6
48	Optimal prosthesis sizing in transcatheter aortic valve implantation by exclusive use of three-dimensional transoesophageal echocardiography. <i>Clinical Physiology and Functional Imaging</i> , 2016, 36, 99-105.	1.2	6
49	Time course of vascular response after an a priori strategy of bare metal stent implantation post-dilated with a paclitaxel-coated balloon: Implementation of a three-dimensional analysis algorithm with optical coherence tomography. <i>Cardiology Journal</i> , 2016, 23, 296-306.	1.2	6
50	Impact of Mitral E/A Ratio on the Accuracy of Different Echocardiographic Indices to Estimate Left Ventricular End-Diastolic Pressure. <i>Ultrasound in Medicine and Biology</i> , 2007, 33, 699-707.	1.5	5
51	Detection of coronary microembolization by Doppler ultrasound in patients with stable angina pectoris during percutaneous coronary interventions under an adjunctive antithrombotic therapy with abciximab: design and rationale of the High Intensity Transient Signals ReoPro (HITS-RP) study. <i>Cardiovascular Ultrasound</i> , 2012, 10, 21.	1.6	4
52	Quantification of mitral regurgitation during percutaneous mitral valve repair: added value of simultaneous hemodynamic and 3D echocardiographic assessment. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 1531-1539.	1.5	4
53	Say syndrome: Report of a familial case. , 1999, 86, 165-167.		3
54	Comparison of clinical, angiographic, and intravascular ultrasound parameters after direct stenting versus predilation. <i>American Journal of Cardiology</i> , 2003, 91, 337-340.	1.6	3

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55	ISCHEMIA trial: The long-awaited evidence to confirm our prejudices. <i>Cardiology Journal</i> , 2020, 27, 336-341.	1.2	3
56	Determinants of neointimal proliferation and stent coverage after intracoronary therapy with drug-eluting devices in stable coronary artery disease: role of endothelial progenitor cells and interleukin-1 family cytokines. <i>Journal of Invasive Cardiology</i> , 2014, 26, 648-53.	0.4	3
57	A way to improve the reproducibility of measurements of myocardial velocity gradients. <i>International Journal of Cardiovascular Imaging</i> , 2004, 20, 183-188.	1.5	2
58	A Statistical Approach to Automatic Heart Segmentation and Modelling from Multiple Modalities. , 2008, , .		2
59	Lerlicheâ€™s syndrome and LÃ¶ffler endocarditis in a 30-year-old patient presenting with hypereosinophilic syndrome. <i>Annals of Hematology</i> , 2012, 91, 139-141.	1.8	2
60	Fatal <i>Aspergillus fumigatus</i> septicemia in a patient with an ectopic ACTH-producing neuroendocrine pancreatic tumor. <i>Endocrine Pathology</i> , 1999, 10, 181-185.	9.0	1
61	Impact of stent design on clinical outcome after coronary stent implantation. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2002, 11, 203-209.	1.2	1
62	Drug-coated stents. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2002, 11, 185-192.	1.2	1
63	Utilization of eptifibatid for treatment of severe dissections as a bail-out procedure. <i>International Journal of Cardiology</i> , 2004, 96, 229-233.	1.7	1
64	Does the new HapMap throw the baby out with the bath water?. <i>European Journal of Human Genetics</i> , 2011, 19, 733-734.	2.8	1
65	MODERATED POSTER SESSION: Imaging in interventional cardiology: Wednesday 3 December 2014, 09:00-16:00 * Location: Moderated Poster area. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, ii20-ii22.	1.2	1
66	Oral Abstract session: Diagnosis and clinical impact of imaging in valvular heart disease: Thursday 4 December 2014, 14:00-15:30 * Location: Agora. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, ii60-ii62.	1.2	1
67	A novel polymer-free ciglitazone-coated vascular stent: in vivo and ex vivo analysis of stent endothelialization in a rabbit iliac artery model. <i>Oncotarget</i> , 2016, 7, 57571-57580.	1.8	1
68	Development and characterization of an ex vivo arterial long-term proliferation model for restenosis research. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2015, 32, 307-317.	1.5	1
69	ISCHEMIA trial: The long-awaited evidence to confirm our prejudices. <i>Cardiology Journal</i> , 2020, 27, 336-341.	1.2	1
70	Variant angina with recurrent ventricular tachycardia successfully treated by stent implantation of a moderate ostial lesion of the right coronary artery. <i>Clinical Cardiology</i> , 2005, 28, 394-395.	1.8	0
71	Left Ventricular Noncompaction: Cardiovascular Magnetic Resonance and Echocardiographic Imaging of a Rare Isolated Midseptal Form. <i>Clinical Cardiology</i> , 2009, 32, E50-1.	1.8	0
72	TCT-582 Quantitative Assessment of Residual Coronary Dissections Six Months After Balloon Angioplasty: a Novel Approach Using Optical Coherence Tomography. <i>Journal of the American College of Cardiology</i> , 2016, 68, B235-B236.	2.8	0

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73	TCT-605 Introduction of a Novel and Robust Parameter to Quantify Coronary Plaque Burden by OCT: Evaluation of Feasibility, Interobserver Analysis and Graphical Illustration of "Luminal Surface Plaque Area". Journal of the American College of Cardiology, 2016, 68, B246.	2.8	0
74	ST-segment Elevation Following Cardioversion of Atrial Fibrillation in the Emergency Department: Unmasked Myocardial Infarction due to Left Main Coronary Artery Plaque Rupture or Unspecific Finding?. Canadian Journal of Emergency Medicine, 2017, 19, 312-316.	1.1	0
75	TCT-230 FFR-Guided Angioplasty Using Paclitaxel-Coated Balloons Without Stents vs. Bioresorbable Scaffolds: a Randomized Clinical Trial in Stable Coronary Artery Disease. Journal of the American College of Cardiology, 2018, 72, B96.	2.8	0
76	Bridge to recovery in a patient with ChurgStrauss myocarditis by long-term percutaneous support with microaxial blood pump. BMJ Case Reports, 2009, 2009, bcr2006101881-bcr2006101881.	0.5	0