

# Michael Christ

## List of Publications by Year in descending order

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233  
papers

8,132  
citations

47006

47  
h-index

69250

77  
g-index

279  
all docs

279  
docs citations

279  
times ranked

7068  
citing authors

#	ARTICLE	IF	CITATIONS
1	Incremental Value of Copeptin for Rapid Rule Out of Acute Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2009, 54, 60-68.	2.8	388
2	Multicenter Evaluation of a 0-Hour/1-Hour Algorithm in the Diagnosis of Myocardial Infarction With High-Sensitivity Cardiac Troponin T. <i>Annals of Emergency Medicine</i> , 2016, 68, 76-87.e4.	0.6	294
3	Modern Triage in the Emergency Department. <i>Deutsches A&amp;#x0308;rztblatt International</i> , 2010, 107, 892-8.	0.9	286
4	Maximal Functions Associated to Filtrations. <i>Journal of Functional Analysis</i> , 2001, 179, 409-425.	1.4	279
5	Additive improvement of left ventricular remodeling and neurohormonal activation by aldosterone receptor blockade with eplerenone and ACE inhibition in rats with myocardial infarction. <i>Journal of the American College of Cardiology</i> , 2003, 42, 1666-1673.	2.8	159
6	Acute heart failure and cardiogenic shock: a multidisciplinary practical guidance. <i>Intensive Care Medicine</i> , 2016, 42, 147-163.	8.2	142
7	Echocardiography and lung ultrasonography for the assessment and management of acute heart failure. <i>Nature Reviews Cardiology</i> , 2017, 14, 427-440.	13.7	138
8	The Brascamp&#x201c;Lieb Inequalities: Finiteness, Structure and Extremals. <i>Geometric and Functional Analysis</i> , 2008, 17, 1343-1415.	1.8	135
9	Rapid Nongenomic Effects of Aldosterone in Mineralocorticoid-Receptor-Knockout Mice. <i>Biochemical and Biophysical Research Communications</i> , 1999, 266, 257-261.	2.1	127
10	Addition of spironolactone to angiotensin-converting enzyme inhibition in heart failure improves endothelial vasomotor dysfunction. <i>Journal of the American College of Cardiology</i> , 2002, 39, 351-358.	2.8	127
11	Cost-effectiveness of B-Type Natriuretic Peptide Testing in Patients With Acute Dyspnea. <i>Archives of Internal Medicine</i> , 2006, 166, 1081.	3.8	117
12	Specific Progesterone Binding to a Membrane Protein and Related Nongenomic Effects on Ca <sup>2+</sup> -Fluxes in Sperm. <i>Endocrinology</i> , 1999, 140, 5999-6002.	2.8	114
13	Heart failure epidemiology 2000&#x201c;2013: insights from the German Federal Health Monitoring System. <i>European Journal of Heart Failure</i> , 2016, 18, 1009-1018.	7.1	113
14	Indications and practical approach to non-invasive ventilation in acute heart failure. <i>European Heart Journal</i> , 2018, 39, 17-25.	2.2	111
15	Transporting Clinical Tools to New Settings: Cultural Adaptation and Validation of the Emergency Severity Index in German. <i>Annals of Emergency Medicine</i> , 2011, 57, 257-264.	0.6	110
16	Early discharge and home treatment of patients with low-risk pulmonary embolism with the oral factor Xa inhibitor rivaroxaban: an international multicentre single-arm clinical trial. <i>European Heart Journal</i> , 2020, 41, 509-518.	2.2	106
17	Glucose Increases Endothelial-Dependent Superoxide Formation in Coronary Arteries by NAD(P)H Oxidase Activation. <i>Diabetes</i> , 2002, 51, 2648-2652.	0.6	105
18	Hilbert Transforms Along Curves: I. Nilpotent Groups. <i>Annals of Mathematics</i> , 1985, 122, 575.	4.2	102

#	ARTICLE	IF	CITATIONS
19	Diagnostic and prognostic implications using age- and gender-specific cut-offs for high-sensitivity cardiac troponin T "Sub-analysis from the TRAPID-AMI study. International Journal of Cardiology, 2016, 209, 26-33.	1.7	101
20	Early Diagnosis of Myocardial Infarction With Point-of-Care High-Sensitivity Cardiac Troponin I. Journal of the American College of Cardiology, 2020, 75, 1111-1124.	2.8	94
21	Comparison of conventional and high-sensitivity troponin in patients with chest pain: A collaborative meta-analysis. American Heart Journal, 2015, 169, 6-16.e6.	2.7	89
22	Aldosterone, Not Estradiol, Is the Physiological Agonist for Rapid Increases in cAMP in Vascular Smooth Muscle Cells. Circulation, 1999, 99, 1485-1491.	1.6	87
23	Effect of a Strategy of Comprehensive Vasodilation vs Usual Care on Mortality and Heart Failure Rehospitalization Among Patients With Acute Heart Failure. JAMA - Journal of the American Medical Association, 2019, 322, 2292.	7.4	85
24	Multidimensional van der Corput and sublevel set estimates. Journal of the American Mathematical Society, 1999, 12, 981-1015.	3.9	84
25	Weak type (1, 1) bounds for rough operators, II. Inventiones Mathematicae, 1988, 93, 225-237.	2.5	78
26	Impact of age on the performance of the ESC 0/1h-algorithms for early diagnosis of myocardial infarction. European Heart Journal, 2018, 39, 3780-3794.	2.2	78
27	On the $\partial$ partial $L^2$ equation in weighted $L^2$ norms in $\mathbb{R}^n$ . Journal of Geometric Analysis, 1991, 1, 193-230.	1.0	77
28	Cardiac troponin: a critical review of the case for point-of-care testing in the ED. American Journal of Emergency Medicine, 2012, 30, 1639-1649.	1.6	74
29	The integration of BNP and NT-proBNP into clinical medicine. Swiss Medical Weekly, 2007, 137, 4-12.	1.6	71
30	Absolutely continuous spectrum for one-dimensional Schrödinger operators with slowly decaying potentials: Some optimal results. Journal of the American Mathematical Society, 1998, 11, 771-797.	3.9	70
31	Implementation of High Sensitivity Cardiac Troponin T Measurement in the Emergency Department. American Journal of Medicine, 2010, 123, 1134-1142.	1.5	70
32	Global $C^\infty$ irregularity of the $\partial$ partial $\bar{\partial}$ -Neumann problem for worm domains. Journal of the American Mathematical Society, 1996, 9, 1171-1185.	3.9	69
33	Non-classical receptors for aldosterone in plasma membranes from pig kidneys. Molecular and Cellular Endocrinology, 1994, 99, R31-R34.	3.2	64
34	The Use of Very Low Concentrations of High-sensitivity Troponin T to Rule Out Acute Myocardial Infarction Using a Single Blood Test. Academic Emergency Medicine, 2016, 23, 1004-1013.	1.8	64
35	Prognostic Utility of a Modified HEART Score in Chest Pain Patients in the Emergency Department. Circulation: Cardiovascular Quality and Outcomes, 2017, 10, .	2.2	64
36	European Society of Cardiology "Acute Cardiovascular Care Association position paper on safe discharge of acute heart failure patients from the emergency department. European Heart Journal: Acute Cardiovascular Care, 2017, 6, 311-320.	1.0	56

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37	Short Term Cardiovascular Effects of Aldosterone in Healthy Male Volunteers. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 3528-3533.	3.6	56
38	Title is missing!. <i>International Mathematics Research Notices</i> , 1998, 1998, 1033.	1.0	55
39	Gender-Specific Risk Stratification With B-Type Natriuretic Peptide Levels in Patients With AcuteDyspnea. <i>Journal of the American College of Cardiology</i> , 2006, 48, 1808-1812.	2.8	55
40	Comparison of Web-Versus Classroom-Based Basic Ultrasonographic and EFAST Training in 2 European Hospitals. <i>Annals of Emergency Medicine</i> , 2010, 56, 660-667.e1.	0.6	55
41	Association between boarding in the emergency department and in-hospital mortality: A systematic review. <i>PLoS ONE</i> , 2020, 15, e0231253.	2.5	55
42	Comparison of midregional pro-atrial natriuretic peptide with N-terminal pro-B-type natriuretic peptide in the diagnosis of heart failure. <i>Journal of Internal Medicine</i> , 2010, 267, 119-129.	6.0	54
43	Striking Increase of Natriuresis by Low-Dose Spironolactone in Congestive Heart Failure Only in Combination With ACE Inhibition. <i>Circulation</i> , 2000, 102, 2325-2328.	1.6	51
44	Pre-hospital management of patients with chest pain and/or dyspnoea of cardiac origin. A position paper of the Acute Cardiovascular Care Association (ACCA) of the ESC.. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 59-81.	1.0	51
45	Weak (1,1) bounds for oscillatory singular integrals. <i>Duke Mathematical Journal</i> , 1987, 55, 141.	1.5	50
46	QRS and QTc interval prolongation in the prediction of long-term mortality of patients with acute destabilised heart failure. <i>Heart</i> , 2007, 93, 1093-1097.	2.9	49
47	Medical and Economic Long-term Effects of B-Type Natriuretic Peptide Testing in Patients with Acute Dyspnea. <i>Clinical Chemistry</i> , 2007, 53, 1415-1422.	3.2	48
48	Midregional pro-Adrenomedullin in addition to b-type natriuretic peptides in the risk stratification of patients with acute dyspnea: an observational study. <i>Critical Care</i> , 2009, 13, R122.	5.8	48
49	Predictive Validity of the Identification of Seniors at Risk Screening Tool in a German Emergency Department Setting. <i>Gerontology</i> , 2014, 60, 413-419.	2.8	48
50	Epidemiology of patients presenting with dyspnea to emergency departments in Europe and the Asia-Pacific region. <i>European Journal of Emergency Medicine</i> , 2019, 26, 345-349.	1.1	48
51	Specific Progesterone Binding to a Membrane Protein and Related Nongenomic Effects on Ca <sup>2+</sup> -Fluxes in Sperm. <i>Endocrinology</i> , 1999, 140, 5999-6002.	2.8	48
52	Economic evaluation of the one-hour rule-out and rule-in algorithm for acute myocardial infarction using the high-sensitivity cardiac troponin T assay in the emergency department. <i>PLoS ONE</i> , 2017, 12, e0187662.	2.5	48
53	Finite bounds for Hölder-Brascamp-Lieb multilinear inequalities. <i>Mathematical Research Letters</i> , 2010, 17, 647-666.	0.5	48
54	Attenuation of heart-rate variability in postmenopausal women on progestin-containing hormone replacement therapy. <i>Lancet, The</i> , 1999, 353, 1939-1940.	13.7	47

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55	Interaction of Rapid Nongenomic Cardiovascular Aldosterone Effects with the Adrenergic System1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 761-767.	3.6	47
56	Nongenomic Steroid Actions: Fact or Fantasy?. <i>Vitamins and Hormones</i> , 1997, 57, 325-373.	1.7	46
57	Aldosterone-specific membrane receptors and rapid non-genomic actions of mineralocorticoids. <i>Molecular and Cellular Endocrinology</i> , 1992, 90, C5-C9.	3.2	45
58	OnL p spectral multipliers for a solvable lie group. <i>Geometric and Functional Analysis</i> , 1996, 6, 860-876.	1.8	45
59	Correlation between Age, Emergency Department Length of Stay and Hospital Admission Rate in Emergency Department Patients Aged ≥70 Years. <i>Gerontology</i> , 2013, 59, 17-22.	2.8	45
60	Operators associated to flat plane curves: Lp estimates via dilation methods. <i>Duke Mathematical Journal</i> , 1989, 59, 675.	1.5	44
61	New Definition of Myocardial Infarction: Impact on Long-term Mortality. <i>American Journal of Medicine</i> , 2008, 121, 399-405.	1.5	44
62	WKB Asymptotic Behavior of Almost All Generalized Eigenfunctions for One-Dimensional Schrödinger Operators with Slowly Decaying Potentials. <i>Journal of Functional Analysis</i> , 2001, 179, 426-447.	1.4	43
63	Hormone replacement in postmenopausal women: impact of progestogens on autonomic tone and blood pressure regulation. <i>Menopause</i> , 2002, 9, 127-136.	2.0	43
64	A priori bounds and weak solutions for the nonlinear Schrödinger equation in Sobolev spaces of negative order. <i>Journal of Functional Analysis</i> , 2008, 254, 368-395.	1.4	43
65	Comprehensive biomarker profiling in patients with obstructive sleep apnea. <i>Clinical Biochemistry</i> , 2015, 48, 340-346.	1.9	42
66	Practical approach on frail older patients attended for acute heart failure. <i>International Journal of Cardiology</i> , 2016, 222, 62-71.	1.7	42
67	European Society of Cardiology-Acute Cardiovascular Care Association Position paper on acute heart failure: A call for interdisciplinary care. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2017, 6, 81-86.	1.0	41
68	Clinical Use of a New High-Sensitivity Cardiac Troponin I Assay in Patients with Suspected Myocardial Infarction. <i>Clinical Chemistry</i> , 2019, 65, 1426-1436.	3.2	41
69	B-Type Natriuretic Peptides and Cardiac Troponins for Diagnosis and Risk-Stratification of Syncope. <i>Circulation</i> , 2019, 139, 2403-2418.	1.6	40
70	Brain natriuretic peptide for prediction of Cheyne-Stokes respiration in heart failure patients. <i>International Journal of Cardiology</i> , 2007, 116, 62-69.	1.7	39
71	Prognostic significance of serum cholesterol levels in patients with idiopathic dilated cardiomyopathy. <i>European Heart Journal</i> , 2006, 27, 691-699.	2.2	38
72	Home treatment of patients with low-risk pulmonary embolism with the oral factor Xa inhibitor rivaroxaban. <i>Thrombosis and Haemostasis</i> , 2016, 116, 191-197.	3.4	38

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73	The Effect of Frailty on 30-Day Mortality Risk in Older Patients With Acute Heart Failure Attended in the Emergency Department. <i>Academic Emergency Medicine</i> , 2017, 24, 298-307.	1.8	37
74	Two-Hour Algorithm for Rapid Triage of Suspected Acute Myocardial Infarction Using a High-Sensitivity Cardiac Troponin I Assay. <i>Clinical Chemistry</i> , 2019, 65, 1437-1447.	3.2	36
75	Characterization and Solubilization of Novel Aldosterone-Binding Proteins in Porcine Liver Microsomes. <i>FEBS Journal</i> , 1995, 229, 736-740.	0.2	36
76	Impact of a high-dose nitrate strategy on cardiac stress in acute heart failure: a pilot study. <i>Journal of Internal Medicine</i> , 2010, 267, 322-330.	6.0	35
77	Counterexamples to Analytic Hypoellipticity for Domains of Finite Type. <i>Annals of Mathematics</i> , 1992, 135, 551.	4.2	33
78	Reduction of mortality in community-acquired pneumonia after implementing standardized care bundles in the emergency department. <i>European Journal of Emergency Medicine</i> , 2014, 21, 429-435.	1.1	33
79	Serial Sampling of High-Sensitivity Cardiac Troponin T May Not Be Required for Prediction of Acute Myocardial Infarction Diagnosis in Chest Pain Patients with Highly Abnormal Concentrations at Presentation. <i>Clinical Chemistry</i> , 2017, 63, 542-551.	3.2	33
80	Certain sums of Squares of Vector Fields Fail to be Analytic Hypoelliptic. <i>Communications in Partial Differential Equations</i> , 1991, 16, 1695-1707.	2.2	32
81	Severity illness scoring systems for early identification and prediction of in-hospital mortality in patients with suspected sepsis presenting to the emergency department. <i>Wiener Klinische Wochenschrift</i> , 2013, 125, 508-515.	1.9	32
82	Prognostic value of cardiac biomarkers in the risk stratification of syncope: a systematic review. <i>Internal and Emergency Medicine</i> , 2015, 10, 1003-1014.	2.0	31
83	WKB and Spectral Analysis of One-Dimensional Schrödinger Operators with Slowly Varying Potentials. <i>Communications in Mathematical Physics</i> , 2001, 218, 245-262.	2.2	30
84	Effects of the intensity of prehospital treatment on short-term outcomes in patients with acute heart failure: the SEMICA-2 study. <i>Clinical Research in Cardiology</i> , 2018, 107, 347-361.	3.3	29
85	The Charlson Comorbidity and Barthel Index predict length of hospital stay, mortality, cardiovascular mortality and rehospitalization in unselected older patients admitted to the emergency department. <i>Aging Clinical and Experimental Research</i> , 2019, 31, 1233-1242.	2.9	29
86	Patients With Syncope in a German Emergency Department. <i>Deutsches Arzteblatt International</i> , 2012, 109, 58-65.	0.9	29
87	Analytical evaluation of a new point of care system for measuring cardiac Troponin I. <i>Clinical Biochemistry</i> , 2017, 50, 174-180.	1.9	28
88	Compactness in the $C^1$ norm. $\langle \mathbf{mml:math altimg="si1.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier..$	1.1	27
89	Diagnostic accuracy of three different methods of temperature measurement in acutely ill geriatric patients. <i>Age and Ageing</i> , 2013, 42, 740-746.	1.6	27
90	Additional diagnostic and prognostic value of copeptin ultra-sensitive for diagnosis of $C$ -peptide deficiency. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, 1307-19.	2.3	27

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91	Regularity properties of the overline $\hat{\cdot}$ equation on weakly pseudoconvex CR manifolds of dimension 3. <i>Journal of the American Mathematical Society</i> , 1988, 1, 587-646.	3.9	26
92	On the extremizers of an adjoint Fourier restriction inequality. <i>Advances in Mathematics</i> , 2012, 230, 957-977.	1.1	26
93	Prevalence of Pulmonary Embolism in Patients With Syncope. <i>Journal of the American College of Cardiology</i> , 2019, 74, 744-754.	2.8	26
94	On multilinear oscillatory integrals, nonsingular and singular. <i>Duke Mathematical Journal</i> , 2005, 130, .	1.5	26
95	Combined testing of copeptin and high-sensitivity cardiac troponin T at presentation in comparison to other algorithms for rapid rule-out of acute myocardial infarction. <i>International Journal of Cardiology</i> , 2019, 276, 261-267.	1.7	25
96	Novel Criteria for the Observe-Zone of the ESC 0/1h-hs-cTnT Algorithm. <i>Circulation</i> , 2021, 144, 773-787.	1.6	25
97	An early bolus of hypertonic saline hydroxyethyl starch improves long-term outcome after global cerebral ischemia. <i>Critical Care Medicine</i> , 2006, 34, 2194-2200.	0.9	24
98	Right bundle branch block and long-term mortality in patients with acute congestive heart failure. <i>Journal of Internal Medicine</i> , 2006, 260, 421-428.	6.0	24
99	Long-term prognostic value of B-type natriuretic peptide in cardiac and non-cardiac causes of acute dyspnoea. <i>European Journal of Clinical Investigation</i> , 2007, 37, 834-841.	3.4	24
100	The Interdisciplinary Management of Acute Chest Pain. <i>Deutsches A&amp;#x0308;rztblatt International</i> , 2015, 112, 768-79; quiz 780.	0.9	24
101	Diagnosis of acute myocardial infarction in the presence of left bundle branch block. <i>Heart</i> , 2019, 105, 1559-1567.	2.9	24
102	Accuracy of chest radiographs in the emergency diagnosis of heart failure. <i>European Radiology</i> , 2008, 18, 1644-1652.	4.5	23
103	Impact of history of heart failure on diagnostic and prognostic value of BNP: Results from the B-type Natriuretic Peptide for Acute Shortness of Breath Evaluation (BASEL) Study. <i>International Journal of Cardiology</i> , 2010, 142, 265-272.	1.7	23
104	High-sensitivity troponin assays in the evaluation of patients with acute chest pain in the emergency department. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 1955-63.	2.3	23
105	Multiple biomarker strategy for improved diagnosis of acute heart failure in older patients presenting to the emergency department. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2015, 4, 137-147.	1.0	23
106	Intermediate optimal gevrey exponents occur. <i>Communications in Partial Differential Equations</i> , 1997, 22, 117-204.	2.2	22
107	A 3-Hour Diagnostic Algorithm for Non-ST-Elevation Myocardial Infarction Using High-Sensitivity Cardiac Troponin T in Unselected Older Patients Presenting to the Emergency Department. <i>Journal of the American Medical Directors Association</i> , 2013, 14, 409-416.	2.5	22
108	Equal clinical performance of a novel point-of-care cardiac troponin I (cTnI) assay with a commonly used high-sensitivity cTnI assay. <i>Clinica Chimica Acta</i> , 2017, 469, 119-125.	1.1	22



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109	Multimarker strategy for risk prediction in patients presenting with acute dyspnea to the emergency department. <i>International Journal of Cardiology</i> , 2008, 126, 73-78.	1.7	21
110	Inverted Takotsubo cardiomyopathy due to pheochromocytoma. <i>European Heart Journal</i> , 2008, 29, 830-830.	2.2	21
111	Polypharmacy in the elderly from the clinical toxicologist perspective. <i>Zeitschrift Fur Gerontologie Und Geriatrie</i> , 2012, 45, 473-478.	1.8	20
112	Do clinical guidelines improve management of sepsis in critically ill elderly patients? A before-and-after study of the implementation of a sepsis protocol. <i>Wiener Klinische Wochenschrift</i> , 2012, 124, 692-698.	1.9	20
113	Evidence-Based Guidelines for the Pharmacological Management of Acute Methamphetamine-Related Disorders and Toxicity. <i>Pharmacopsychiatry</i> , 2017, 50, 87-95.	3.3	20
114	NECESSARY CONDITIONS FOR VECTOR-VALUED OPERATOR INEQUALITIES IN HARMONIC ANALYSIS. <i>Proceedings of the London Mathematical Society</i> , 2006, 93, 447-473.	1.3	19
115	Maximal functions associated with Fourier multipliers of Mihlin-Hörmander type. <i>Mathematische Zeitschrift</i> , 2005, 249, 223-240.	0.9	18
116	Diagnostic and Prognostic Value of High-sensitivity Cardiac Troponin T in Patients with Syncope. <i>American Journal of Medicine</i> , 2015, 128, 161-170.e1.	1.5	18
117	C-reaktives Protein und die Akute-Phase-Reaktion bei geriatrischen Patienten. <i>Zeitschrift Fur Gerontologie Und Geriatrie</i> , 2015, 48, 595-600.	1.8	18
118	Prognostic value of different biomarkers for cardiovascular death in unselected older patients in the emergency department. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2016, 5, 568-578.	1.0	18
119	Prospective validation of prognostic and diagnostic syncope scores in the emergency department. <i>International Journal of Cardiology</i> , 2018, 269, 114-121.	1.7	18
120	Title is missing!. <i>International Mathematics Research Notices</i> , 1991, 1991, 31.	1.0	17
121	Gaussians rarely extremize adjoint Fourier restriction inequalities for paraboloids. <i>Proceedings of the American Mathematical Society</i> , 2014, 142, 887-896.	0.8	17
122	Survival and quality of life after early discharge in low-risk pulmonary embolism. <i>European Respiratory Journal</i> , 2021, 57, 2002368.	6.7	17
123	Vector $A_2$ weights and a Hardy-Littlewood maximal function. <i>Transactions of the American Mathematical Society</i> , 2001, 353, 1995-2002.	0.9	17
124	The absolutely continuous spectrum of one-dimensional Schrödinger operators with decaying potentials. <i>Mathematical Research Letters</i> , 1997, 4, 719-723.	0.5	17
125	Effects of synthetic progestagens on autonomic tone, neurohormones and C-reactive protein levels in young healthy females in reproductive age. <i>International Journal of Cardiology</i> , 2006, 111, 42-48.	1.7	16
126	Prohormones in the Early Diagnosis of Cardiac Syncope. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	16



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127	Association of right ventricular dysfunction and Cheyne-Stokes respiration in patients with chronic heart failure. <i>Journal of Sleep Research</i> , 2003, 12, 161-167.	3.2	15
128	Enhancement of $\beta^2$ -adrenergic cAMP-signaling by the mineralocorticoid receptor. <i>Molecular and Cellular Endocrinology</i> , 2005, 231, 23-31.	3.2	15
129	Fluid therapy and outcome: a prospective observational study in 65 German intensive care units between 2010 and 2011. <i>Annals of Intensive Care</i> , 2018, 8, 27.	4.6	15
130	The Prevalence and Prognostic Significance of Near Syncope and Syncope. <i>Deutsches Arzteblatt International</i> , 2014, 111, 197-204.	0.9	15
131	A Necessary Condition For Analytic Hypoellipticity. <i>Mathematical Research Letters</i> , 1994, 1, 241-248.	0.5	15
132	Embedding Compact Three-Dimensional CR Manifolds of Finite Type in $\mathbb{C}^n$ . <i>Annals of Mathematics</i> , 1989, 129, 195.	4.2	14
133	Prognostic significance of morphometric endomyocardial biopsy analysis in patients with idiopathic dilated cardiomyopathy. <i>American Heart Journal</i> , 2003, 146, 372-376.	2.7	14
134	Editor's Choice- Call to action: Initiation of multidisciplinary care for acute heart failure begins in the Emergency Department. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2016, 5, 141-149.	1.0	14
135	The Szego Projection Need not Preserve Global Analyticity. <i>Annals of Mathematics</i> , 1996, 143, 300.	4.2	13
136	Bioequivalence of subcutaneous and intravenous body-weight-independent high-dose low-molecular-weight heparin Certoparin on anti-Xa, Heptest, and tissue factor pathway inhibitor activity in volunteers. <i>Blood Coagulation and Fibrinolysis</i> , 2002, 13, 289-296.	1.0	13
137	B-type natriuretic peptide levels predict event-free survival in patients with implantable cardioverter defibrillators. <i>European Journal of Heart Failure</i> , 2007, 9, 272-279.	7.1	13
138	Global analytic hypoellipticity in the presence of symmetry. <i>Mathematical Research Letters</i> , 1994, 1, 559-563.	0.5	13
139	Analytical and Clinical Validation of a Point-of-Care Cardiac Troponin T Test with an Improved Detection Limit. <i>Clinical Laboratory</i> , 2017, 63, 633-645.	0.5	13
140	Hypoellipticity in the infinitely degenerate regime. , 2001, , 59-84.		12
141	Mixed norm estimates for a restricted X-ray transform. <i>Journal D'Analyse Mathematique</i> , 2002, 87, 187-198.	0.8	12
142	Percutaneous Coronary Intervention Versus Coronary Artery Bypass Grafting as Primary Revascularization in Patients With Acute Coronary Syndrome. <i>American Journal of Cardiology</i> , 2008, 102, 173-179.	1.6	12
143	The use of B-type natriuretic peptide in the management of patients with atrial fibrillation and dyspnea. <i>International Journal of Cardiology</i> , 2009, 136, 193-199.	1.7	12
144	Nilpotent Group $C^*$ -algebras as Compact Quantum Metric Spaces. <i>Canadian Mathematical Bulletin</i> , 2017, 60, 77-94.	0.5	12

#	ARTICLE	IF	CITATIONS
145	Characteristics and Outcomes of Type 2 Myocardial Infarction. <i>JAMA Cardiology</i> , 2022, 7, 427.	6.1	12
146	Hospitalizations for heart failure: still major differences between East and West Germany 30 years after reunification. <i>ESC Heart Failure</i> , 2021, 8, 2546-2555.	3.1	11
147	HYPOELLIPTICITY OF THE KOHN LAPLACIAN FOR THREE-DIMENSIONAL TUBULAR CAUCHY-RIEMANN STRUCTURES. <i>Journal of the Institute of Mathematics of Jussieu</i> , 2002, 1, 279-291.	0.7	10
148	Diagnostic and Prognostic Value of Uric Acid in Patients with Acute Dyspnea. <i>American Journal of Medicine</i> , 2009, 122, 1054.e7-1054.e14.	1.5	10
149	Accuracy of Point-of-Care B-Line Lung Ultrasound in Comparison to NT-ProBNP for Screening Acute Heart Failure. <i>Ultrasound International Open</i> , 2016, 02, E90-E92.	0.6	10
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