Rudolph Koster

List of Publications by Year
in descending order

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		87888	58581
86	12,785	38	82
papers	citations	h-index	g-index

92	92	92	7836
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global incidences of out-of-hospital cardiac arrest and survival rates: Systematic review of 67 prospective studies. Resuscitation, 2010, 81, 1479-1487.	3.0	2,101
2	European Resuscitation Council Guidelines for Resuscitation 2015. Resuscitation, 2015, 95, 100-147.	3.0	1,194
3	European Resuscitation Council Guidelines for Resuscitation 2015. Resuscitation, 2015, 95, 81-99.	3.0	937
4	European Resuscitation Council Guidelines for Resuscitation 2010 Section 2. Adult basic life support and use of automated external defibrillators. Resuscitation, 2010, 81, 1277-1292.	3.0	877
5	European Resuscitation Council Guidelines for Resuscitation 2015. Resuscitation, 2015, 95, 1-80.	3.0	813
6	Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports: Update of the Utstein Resuscitation Registry Templates for Out-of-Hospital Cardiac Arrest. Circulation, 2015, 132, 1286-1300.	1.6	726
7	European Resuscitation Council Guidelines for Resuscitation 2015. Resuscitation, 2015, 95, 148-201.	3.0	696
8	EuReCa ONEâ¿¿27 Nations, ONE Europe, ONE Registry. Resuscitation, 2016, 105, 188-195.	3.0	612
9	Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports: Update of the Utstein Resuscitation Registry Templates for Out-of-Hospital Cardiac Arrest. Resuscitation, 2015, 96, 328-340.	3.0	541
10	Survival after out-of-hospital cardiac arrest in Europe - Results of the EuReCa TWO study. Resuscitation, 2020, 148, 218-226.	3.0	428
11	Improved Survival After Out-of-Hospital Cardiac Arrest and Use of Automated External Defibrillators. Circulation, 2014, 130, 1868-1875.	1.6	281
12	Value of Myoglobin, Troponin T, and CK-MB _{mass} in Ruling Out an Acute Myocardial Infarction in the Emergency Room. Circulation, 1995, 92, 3401-3407.	1.6	263
13	Impact of Onsite or Dispatched Automated External Defibrillator Use on Survival After Out-of-Hospital Cardiac Arrest. Circulation, 2011, 124, 2225-2232.	1.6	210
14	Importance of the First Link. Circulation, 2009, 119, 2096-2102.	1.6	201
15	Local lay rescuers with AEDs, alerted by text messages, contribute to early defibrillation in a Dutch out-of-hospital cardiac arrest dispatch system. Resuscitation, 2014, 85, 1444-1449.	3.0	200
16	COSCA (Core Outcome Set for Cardiac Arrest) in Adults: An Advisory Statement From the International Liaison Committee on Resuscitation. Circulation, 2018, 137, e783-e801.	1.6	171
17	Quality management in resuscitation â€“ Towards a European Cardiac Arrest Registry (EuReCa). Resuscitation, 2011, 82, 989-994.	3.0	146
18	COSCA (Core Outcome Set for Cardiac Arrest) in Adults: An Advisory Statement From the International Liaison Committee on Resuscitation. Resuscitation, 2018, 127, 147-163.	3.0	141

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19	Cognitive impairment in survivors of out-of-hospital cardiac arrest. American Heart Journal, 2004, 148, 416-421.	2.7	126
20	Part 5: Adult basic life support. Resuscitation, 2010, 81, e48-e70.	3.0	114
21	Quality of Survival After Cardiopulmonary Resuscitation. Archives of Internal Medicine, 1999, 159, 249.	3.8	112
22	Safety of mechanical chest compression devices AutoPulse and LUCAS in cardiac arrest: a randomized clinical trial for non-inferiority. European Heart Journal, 2017, 38, 3006-3013.	2.2	102
23	Prevention of deterioration of ventricular fibrillation by basic life support during out-of-hospital cardiac arrest. Resuscitation, 2002, 54, 31-36.	3.0	101
24	Recurrent ventricular fibrillation during advanced life support care of patients with prehospital cardiac arrest. Resuscitation, 2008, 78, 252-257.	3.0	86
25	Association Between Chest Compression Interruptions and Clinical Outcomes of Ventricular Fibrillation Out-of-Hospital Cardiac Arrest. Circulation, 2015, 132, 1030-1037.	1.6	86
26	International variation in survival after out-of-hospital cardiac arrest: A validation study of the Utstein template. Resuscitation, 2019, 138, 168-181.	3.0	77
27	Cognitive function and quality of life after successful resuscitation from cardiac arrest. Resuscitation, 2014, 85, 1269-1274.	3.0	72
28	Assessment of quality of life and cognitive function after out-of-hospital cardiac arrest with successful resuscitation. American Journal of Cardiology, 2004, 93, 131-135.	1.6	69
29	Apples to apples or apples to oranges? International variation in reporting of process and outcome of care for out-of-hospital cardiac arrest. Resuscitation, 2014, 85, 1599-1609.	3.0	63
30	A randomized trial comparing monophasic and biphasic waveform shocks for external cardioversion of atrial fibrillation. American Heart Journal, 2004, 147, e1-e7.	2.7	62
31	Comorbidity and favorable neurologic outcome after out-of-hospital cardiac arrest in patients of 70 years and older. Resuscitation, 2015, 94, 33-39.	3.0	54
32	The challenges and possibilities of public access defibrillation. Journal of Internal Medicine, 2018, 283, 238-256.	6.0	53
33	Psychological impact on dispatched local lay rescuers performing bystander cardiopulmonary resuscitation. Resuscitation, 2015, 92, 115-121.	3.0	50
34	First-response treatment after out-of-hospital cardiac arrest: a survey of current practices across 29 countries in Europe. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2019, 27, 112.	2.6	49
35	Genetic, clinical and pharmacological determinants of out-of-hospital cardiac arrest: rationale and outline of the AmsteRdam Resuscitation Studies (ARREST) registry. Open Heart, 2014, 1, e000112.	2.3	46
36	AED and text message responders density in residential areas for rapid response in out-of-hospital cardiac arrest. Resuscitation, 2020, 150, 170-177.	3.0	44

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37	Optimizing Outcomes After Out-of-Hospital Cardiac Arrest With Innovative Approaches to Public-Access Defibrillation: A Scientific Statement From the International Liaison Committee on Resuscitation. Circulation, 2022, 145, CIR0000000000001013.	1.6	44
38	Accurate feedback of chest compression depth on a manikin on a soft surface with correction for total body displacement. Resuscitation, 2014, 85, 1439-1443.	3.0	43
39	The impact of post-resuscitation feedback for paramedics on the quality of cardiopulmonary resuscitation. Resuscitation, 2017, 110, 1-5.	3.0	36
40	Alert system-supported lay defibrillation and basic life-support for cardiac arrest at home. European Heart Journal, 2022, 43, 1465-1474.	2.2	35
41	Time of on-scene resuscitation in out of-hospital cardiac arrest patients transported without return of spontaneous circulation. Resuscitation, 2019, 138, 235-242.	3.0	34
42	Automatic External Defibrillator: Key Link in the Chain of Survival. Journal of Cardiovascular Electrophysiology, 2002, 13, S92-5.	1.7	31
43	Intensive care medicine research agenda on cardiac arrest. Intensive Care Medicine, 2017, 43, 1282-1293.	8.2	30
44	Improving usual care after sudden death in the young with focus on inherited cardiac diseases (the) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.7	29
45	Causes for the declining proportion of ventricular fibrillation in out-of-hospital cardiac arrest. Resuscitation, 2015, 96, 23-29.	3.0	28
46	Automated external defibrillator and operator performance in out-of-hospital cardiac arrest. Resuscitation, 2017, 118, 140-146.	3.0	28
47	Limiting â€˜hands-offâ€™ periods during resuscitation. Resuscitation, 2003, 58, 275-276.	3.0	27
48	Definition of successful defibrillation. Critical Care Medicine, 2006, 34, S423-S426.	0.9	26
49	Occurrence of shockable rhythm in out-of-hospital cardiac arrest over time: A report from the COSTA group. Resuscitation, 2020, 151, 67-74.	3.0	25
50	Predictive value of amplitude spectrum area of ventricular fibrillation waveform in patients with acute or previous myocardial infarction in out-of-hospital cardiac arrest. Resuscitation, 2017, 120, 125-131.	3.0	24
51	When is a bystander not a bystander any more? A European survey. Resuscitation, 2019, 136, 78-84.	3.0	23
52	Management of first responder programmes for out-of-hospital cardiac arrest during the COVID-19 pandemic in Europe. Resuscitation Plus, 2021, 5, 100075.	1.7	22
53	Time to Return of Spontaneous Circulation and Survival: When to Transport in out-of-Hospital Cardiac Arrest?. Prehospital Emergency Care, 2021, 25, 171-181.	1.8	21
54	European first responder systems and differences in return of spontaneous circulation and survival after out-of-hospital cardiac arrest: A study of registry cohorts. Lancet Regional Health - Europe, The, 2021, 1, 100004.	5.6	21

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55	Critical difference between serial measurements of CK-MB mass to detect myocardial damage. Clinical Chemistry, 1997, 43, 338-343.	3.2	20
56	Optimizing outcomes after out-of-hospital cardiac arrest with innovative approaches to public-access defibrillation: A scientific statement from the International Liaison Committee on Resuscitation. Resuscitation, 2022, 172, 204-228.	3.0	20
57	Force and depth of mechanical chest compressions and their relation to chest height and gender in an out-of-hospital setting. Resuscitation, 2015, 91, 67-72.	3.0	19
58	Different defibrillation strategies in survivors after out-of-hospital cardiac arrest. Heart, 2018, 104, 1929-1936.	2.9	18
59	Time delays to reach dispatch centres in different regions in Europe. Are we losing the window of opportunity? â€" The EUROCALL study. Resuscitation, 2017, 111, 8-13.	3.0	16
60	A randomized dose-ranging study of rt-PA in acute myocardial infarction. Effects on coronary patency and fibrinolytic parameters. European Heart Journal, 1990, 11, 730-739.	2.2	14
61	Minimizing pre- and post-shock pauses during the use of an automatic external defibrillator by two different voice prompt protocols. A randomized controlled trial of a bundle of measures. Resuscitation, 2016, 106, 1-6.	3.0	14
62	Pharmacokinetics and Pharmacodynamics of Saruplase, an Unglycosylated Single-chain Urokinase-type Plasminogen Activator, in Patients with Acute Myocardial Infarction. Thrombosis and Haemostasis, 1994, 72, 740-744.	3.4	14
63	Out-of-hospital cardiac arrest survival in international airports. Resuscitation, 2018, 127, 58-62.	3.0	13
64	Optimizing airway management and ventilation during prehospital advanced life support in out-of-hospital cardiac arrest: A narrative review. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2021, 35, 67-82.	4.0	13
65	Effects of liver blood flow on the pharmacokinetics of tissue-type plasminogen activator (alteplase) during thrombolysis in patients with acute myocardial infarction*. Clinical Pharmacology and Therapeutics, 1998, 63, 39-47.	4.7	12
66	The pharmacokinetics of recombinant double-chain t-PA (duteplase): Effects of bolus injection, infusions, and administration by weight in patients with myocardial infarction. Clinical Pharmacology and Therapeutics, 1991, 50, 267-277.	4.7	11
67	To transport or to terminate resuscitation on-site. What factors influence EMS decisions in patients without ROSC? A mixed-methods study. Resuscitation, 2021, 164, 84-92.	3.0	11
68	To ventilate or not to ventilate during bystander CPR â€" A EuReCa TWO analysis. Resuscitation, 2021, 166, 101-109.	3.0	11
69	Ventricular fibrillation waveform characteristics in out-of-hospital cardiac arrest and cardiovascular medication use. Resuscitation, 2020, 151, 173-180.	3.0	6
70	Pharmacokinetics and pharmacodynamics of saruplase, an unglycosylated single-chain urokinase-type plasminogen activator, in patients with acute myocardial infarction. Thrombosis and Haemostasis, 1994, 72, 740-4.	3.4	6
71	Resuscitation with an AED: putting the data to use. Netherlands Heart Journal, 2021, 29, 179-185.	0.8	4
72	Transfer of essential AED information to treating hospital (TREAT). Resuscitation, 2020, 149, 47-52.	3.0	3

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73	The effect of the localisation of an underlying ST-elevation myocardial infarction on the VF-waveform: A multi-centre cardiac arrest study. Resuscitation, 2021, 168, 11-18.	3.0	3
74	Apples in Amsterdam and oranges in Leiden. Netherlands Heart Journal, 2015, 23, 18-19.	0.8	2
75	The contribution of comorbidity and medication use to poor outcome from out-of-hospital cardiac arrest at home locations. Resuscitation, 2020, 151, 119-126.	3.0	2
76	Continuous or Interrupted Chest Compressions for Cardiac Arrest. New England Journal of Medicine, 2015, 373, 2278-2279.	27.0	1
77	Association of beta-blockers and first-registered heart rhythm in out-of-hospital cardiac arrest: real-world data from population-based cohorts across two European countries. Europace, 2020, 22, 1206-1215.	1.7	1
78	Volunteer Responders Should Not Be Overlooked During the Night. Journal of the American Heart Association, 2022, 11, e024743.	3.7	1
79	Automated external defibrillators. , 0, , 482-495.		0
80	Prospective Clinical Trial, DEFI 2005: Does an AED Algorithm with More CPR Impact Out-of-Hospital Cardiac Arrest Prognosis?. Academic Emergency Medicine, 2008, 15, S224-S225.	1.8	0
81	Decreased left ventricular (LV) function is associated with hip-fractures. Archives of Gerontology and Geriatrics, 2015, 60, 103-107.	3.0	0
82	Reply to Letter: The importance of comorbidity and illness severity scores in cardiac arrest research. Resuscitation, 2016, 102, e4.	3.0	0
83	Response to letter to the editor Dr. Jouffry. Prehospital Emergency Care, 2021, , 1-1.	1.8	0
84	Response to Letter to the Editor Dr. Mosesso. Prehospital Emergency Care, 2022, 26, 318-319.	1.8	0
85	Abstract P176: Resumption of Cardiopulmonary Resuscitation after Defibrillation Induces Recurrence of Ventricular Fibrillation. Circulation, 2008, 118, .	1.6	0
86	How to handle acute cardiac events and complaints: the Amsterdam experience. European Journal of Emergency Medicine, 1995, 2, 149-52.	1.1	0