Katia Donadello

List of Publications by Year
in descending order

83	4,147	147801 31	114465 63
papers	citations	h-index	g-index

89	89	89	5663
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microcirculatory Alterations in Patients With Severe Sepsis. Critical Care Medicine, 2013, 41, 791-799.	0.9	457
2	Effects of fluids on microvascular perfusion in patients with severe sepsis. Intensive Care Medicine, 2010, 36, 949-955.	8.2	381
3	Soluble urokinaseâ€“type plasminogen activator receptor as a prognostic biomarker in critically ill patients. Journal of Critical Care, 2014, 29, 144-149.	2.2	327
4	Pathophysiology of microcirculatory dysfunction and the pathogenesis of septic shock. Virulence, 2014, 5, 73-79.	4.4	297
5	Myocardial depression in sepsis: From pathogenesis to clinical manifestations and treatment. Journal of Critical Care, 2014, 29, 500-511.	2.2	230
6	Baricitinib restrains the immune dysregulation in patients with severe COVID-19. Journal of Clinical Investigation, 2020, 130, 6409-6416.	8.2	213
7	Microcirculatory alterations: potential mechanisms and implications for therapy. Annals of Intensive Care, 2011, 1, 27.	4.6	190
8	Effects of changes in arterial pressure on organ perfusion during septic shock. Critical Care, 2011, 15, R222.	5.8	163
9	suPAR as a prognostic biomarker in sepsis. BMC Medicine, 2012, 10, 2.	5.5	124
10	Assessment of left ventricular function by pulse wave analysis in critically ill patients. Intensive Care Medicine, 2013, 39, 1025-1033.	8.2	111
11	Deciphering the state of immune silence in fatal COVID-19 patients. Nature Communications, 2021, 12, 1428.	12.8	107
12	Sepsis Is Associated With Altered Cerebral Microcirculation and Tissue Hypoxia in Experimental Peritonitis*. Critical Care Medicine, 2014, 42, e114-e122.	0.9	98
13	Î²-Lactam pharmacokinetics during extracorporeal membrane oxygenation therapy: A caseâ€“control study. International Journal of Antimicrobial Agents, 2015, 45, 278-282.	2.5	93
14	Vancomycin population pharmacokinetics during extracorporeal membrane oxygenation therapy: a matched cohort study. Critical Care, 2014, 18, 632.	5.8	83
15	Acute kidney injury after cardiac arrest. Critical Care, 2015, 19, 169.	5.8	78
16	Biomarkers in the Critically Ill Patient: C-reactive Protein. Critical Care Clinics, 2011, 27, 241-251.	2.6	77
17	Normobaric hyperoxia alters the microcirculation in healthy volunteers. Microvascular Research, 2015, 98, 23-28.	2.5	76
18	C-Reactive Protein Kinetics After Major Surgery. Anesthesia and Analgesia, 2014, 119, 624-629.	2.2	71

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19	Sublingual and muscular microcirculatory alterations after cardiac arrest: A pilot study. Resuscitation, 2011, 82, 690-695.	3.0	68
20	Monitoring the microcirculation. Journal of Clinical Monitoring and Computing, 2012, 26, 361-366.	1.6	68
21	Biomarkers as predictors of outcome after cardiac arrest. Expert Review of Clinical Pharmacology, 2012, 5, 687-699.	3.1	50
22	Brain Perfusion In Sepsis. Current Vascular Pharmacology, 2013, 11, 170-186.	1.7	49
23	Intra-arrest hypothermia during cardiac arrest: a systematic review. Critical Care, 2012, 16, R41.	5.8	45
24	Reduced red blood cell deformability over time is associated with a poor outcome in septic patients. Microvascular Research, 2015, 101, 8-14.	2.5	45
25	Comparison between an uncalibrated pulse contour method and thermodilution technique for cardiac output estimation in septic patients. British Journal of Anaesthesia, 2011, 107, 202-208.	3.4	38
26	Link between coagulation abnormalities and microcirculatory dysfunction in critically ill patients. Current Opinion in Anaesthesiology, 2009, 22, 150-154.	2.0	37
27	Evaluation of endothelial damage in sepsis-related ARDS using circulating endothelial cells. Intensive Care Medicine, 2015, 41, 231-238.	8.2	37
28	Strongyloides disseminated infection successfully treated with parenteral ivermectin: case report with drug concentration measurements and review of the literature. International Journal of Antimicrobial Agents, 2013, 42, 580-583.	2.5	36
29	Prognostic implications of blood lactate concentrations after cardiac arrest: a retrospective study. Annals of Intensive Care, 2017, 7, 101.	4.6	35
30	EFFECTS OF A SELECTIVE iNOS INHIBITOR VERSUS NOREPINEPHRINE IN THE TREATMENT OF SEPTIC SHOCK. Shock, 2010, 34, 243-249.	2.1	32
31	C-reactive protein levels after cardiac arrest in patients treated with therapeutic hypothermia. Resuscitation, 2014, 85, 932-938.	3.0	31
32	Outcomes of COVID-19 patients intubated after failure of non-invasive ventilation: a multicenter observational study. Scientific Reports, 2021, 11, 17730.	3.3	29
33	Obesity as a risk factor for unfavourable outcomes in critically ill patients affected by Covid 19. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 762-768.	2.6	25
34	An Uncalibrated Pulse Contour Method to Measure Cardiac Output During Aortic Counterpulsation. Anesthesia and Analgesia, 2011, 113, 1389-1395.	2.2	24
35	Comparison between Acupuncture and Nutraceutical Treatment with MigratensÂ® in Patients with Fibromyalgia Syndrome: A Prospective Randomized Clinical Trial. Nutrients, 2020, 12, 821.	4.1	23
36	Early neuroprotection after cardiac arrest. Current Opinion in Critical Care, 2014, 20, 250-258.	3.2	22

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37	ISCHEMIC CONDITIONING PROTECTS THE MICROCIRCULATION, PRESERVES ORGAN FUNCTION, AND PROLONGS SURVIVAL IN SEPSIS. Shock, 2016, 45, 419-427.	2.1	20
38	Static compliance and driving pressure are associated with ICU mortality in intubated COVID-19 ARDS. Critical Care, 2021, 25, 263.	5.8	19
39	No relationship between red blood cell distribution width and microcirculatory alterations in septic patients. Clinical Hemorheology and Microcirculation, 2017, 66, 131-141.	1.7	18
40	Ultramicronized Palmitoylethanolamide (um-PEA) as Add-on Treatment in Fibromyalgia Syndrome (FMS): Retrospective Observational Study on 407 Patients. CNS and Neurological Disorders - Drug Targets, 2019, 18, 326-333.	1.4	18
41	The Harmful Effects of Hypertonic Sodium Lactate Administration in Hyperdynamic Septic Shock. Shock, 2016, 46, 663-671.	2.1	17
42	The potential role of auditory evoked potentials to assess prognosis in comatose survivors from cardiac arrest. Resuscitation, 2017, 120, 119-124.	3.0	17
43	Nervous system: subclinical target of SARS-CoV-2 infection. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 1010-1012.	1.9	17
44	Should Hyperoxia Be Avoided During Sepsis? An Experimental Study in Ovine Peritonitis*. Critical Care Medicine, 2017, 45, e1060-e1067.	0.9	15
45	Intermuscular Adipose Tissue as a Risk Factor for Mortality and Muscle Injury in Critically Ill Patients Affected by COVID-19. Frontiers in Physiology, 2021, 12, 651167.	2.8	15
46	Dynamics of SARS-CoV2 Infection and Multi-Drug Resistant Bacteria Superinfection in Patients With Assisted Mechanical Ventilation. Frontiers in Cellular and Infection Microbiology, 2021, 11, 683409.	3.9	14
47	Fatal cytokine release syndrome by an aberrant FLIP/STAT3 axis. Cell Death and Differentiation, 2022, 29, 420-438.	11.2	14
48	Greater temperature variability is not associated with a worse neurological outcome after cardiac arrest. Resuscitation, 2015, 96, 268-274.	3.0	13
49	Microcirculatory effects of angiotensin II inhibitors in patients with severe heart failure. Clinical Hemorheology and Microcirculation, 2013, 54, 87-98.	1.7	11
50	Perioperative Fluid Administration in Pancreatic Surgery: a Comparison of Three Regimens. Journal of Gastrointestinal Surgery, 2020, 24, 569-577.	1.7	9
51	Limited effects of activated protein C on red blood cell deformability. Clinical Hemorheology and Microcirculation, 2013, 53, 387-391.	1.7	5
52	Are we ready for automated optimal cerebral perfusion pressure?. Minerva Anestesiologica, 2018, 84, 7-9.	1.0	5
53	Estimation of central arterial pressure from the radial artery in patients undergoing invasive neuroradiological procedures. BMC Anesthesiology, 2019, 19, 173.	1.8	5
54	Good clinical practice for the use of vasopressor and inotropic drugs in critically ill patients: state-of-the-art and expert consensus. Minerva Anestesiologica, 2021, 87, 714-732.	1.0	5

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55	Lactate Measurement After Cardiac Arrest. Critical Care Medicine, 2014, 42, 1942-1943.	0.9	4
56	A practical approach to the use of targeted temperature management after cardiac arrest. Minerva Anestesiologica, 2020, 86, 1103-1110.	1.0	4
57	Endothelium and Regulatory Inflammatory Mechanisms During Organ Rejection. Angiology, 2014, 65, 379-387.	1.8	3
58	Pain pupillary index to prognosticate unfavorable outcome in comatose cardiac arrest patients. Resuscitation, 2022, , .	3.0	3
59	The relevance of severity scores in predicting outcome after cardiac arrest. Expert Review of Pharmacoeconomics and Outcomes Research, 2011, 11, 667-671.	1.4	2
60	Lactate Change After Cardiopulmonary Resuscitation. Critical Care Medicine, 2014, 42, e805-e806.	0.9	2
61	Hemadsorption in cardiac surgery: myth against reality. Minerva Anestesiologica, 2019, 85, 697-700.	1.0	2
62	Should we measure immunoglobulin levels in septic patients?. International Immunopharmacology, 2012, 12, 540-541.	3.8	1
63	537. Critical Care Medicine, 2013, 41, A131.	0.9	1
64	199. Critical Care Medicine, 2013, 41, A44.	0.9	1
65	Give me less sugar: how to manage glucose levels in post-anoxic injury?. Intensive Care Medicine, 2014, 40, 903-906.	8.2	1
66	Microcirculation Alterations in Patients With Severe Sepsis. Clinical Pulmonary Medicine, 2015, 22, 31-35.	0.3	1
67	Intensive care medicine curricula in Europe: docendo discimus. Intensive Care Medicine, 2015, 41, 2180-2183.	8.2	1
68	Haemodynamic instability in a critically ill patient with covid-19 pneumonia: searching over the chest - report of a clinical case and mini-review of the literature. Case Reports and Images in Surgery, 2020, 3, .	0.0	1
69	Why are you so tired after surgery?. Minerva Anestesiologica, 2020, 86, 1259-1262.	1.0	1
70	Effects of Reversal of Hypotension on Cerebral Microcirculation and Metabolism in Experimental Sepsis. Biomedicines, 2022, 10, 923.	3.2	1
71	Persistent Idiopathic Facial Pain (PIFP) in Patients Referred to a Multidisciplinary Centre in Italy: A Retrospective Observational Study. Journal of Clinical Medicine, 2022, 11, 3821.	2.4	1
72	Alterations In Microvascular Perfusion Have A Stronger Prognostic Value Than Arterial Pressure Or Cardiac Output In Patients With Severe Sepsis. , 2010, , .		0

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73	Multiorgan Dysfunction Syndrome (MODS): What is New?. , 2012, , 1-6.		0
74	Letter: Is early hypothermia deleterious in comatose survivors to cardiac arrest?. Resuscitation, 2013, 84, e35-e36.	3.0	0
75	The Cool Bypass Toward Life. Critical Care Medicine, 2013, 41, 2248-2250.	0.9	0
76	Brain Perfusion In Sepsis. Current Vascular Pharmacology, 2013, 11, 170-186.	1.7	0
77	1111. Critical Care Medicine, 2013, 41, A281.	0.9	0
78	Monitoring the microcirculation. , 0, , 180-185.		0
79	170. Critical Care Medicine, 2015, 43, 44.	0.9	0
80	148. Critical Care Medicine, 2015, 43, 38.	0.9	0
81	Cooling Is Hard on the Heart. Critical Care Medicine, 2015, 43, 483-485.	0.9	0
82	Evaluation of Tissue Oxygenation. , 2016, , 91-97.		0
83	Bioethics in an oncological surgery unit during the COVID-19 pandemic: the Verona experience. Updates in Surgery, 2022, , 1.	2.0	0