

Ingeborg D Welters

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4027843/publications.pdf>

Version: 2024-02-01

58
papers

2,693
citations

201674

27
h-index

189892

50
g-index

60
all docs

60
docs citations

60
times ranked

3779
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute respiratory distress syndrome subphenotypes and differential response to simvastatin: secondary analysis of a randomised controlled trial. <i>Lancet Respiratory Medicine</i> , 2018, 6, 691-698.	10.7	455
2	Changes in blood lymphocyte populations after multiple trauma. <i>Critical Care Medicine</i> , 1999, 27, 733-740.	0.9	192
3	Cell-Surface Estrogen Receptors Mediate Calcium-Dependent Nitric Oxide Release in Human Endothelia. <i>Circulation</i> , 2000, 101, 1594-1597.	1.6	165
4	Circulating Histones Are Major Mediators of Cardiac Injury in Patients With Sepsis*. <i>Critical Care Medicine</i> , 2015, 43, 2094-2103.	0.9	135
5	Endogenous morphine. <i>Trends in Neurosciences</i> , 2000, 23, 436-442.	8.6	123
6	Effectiveness of a national quality improvement programme to improve survival after emergency abdominal surgery (EPOCH): a stepped-wedge cluster-randomised trial. <i>Lancet</i> , 2019, 393, 2213-2221.	13.7	123
7	Impact of prolonged elevated heart rate on incidence of major cardiac events in critically ill patients with a high risk of cardiac complications*. <i>Critical Care Medicine</i> , 2005, 33, 81-88.	0.9	101
8	Assessment and clinical course of hypocalcemia in critical illness. <i>Critical Care</i> , 2013, 17, R106.	5.8	97
9	Basal nitric oxide limits immune, nervous and cardiovascular excitation: human endothelia express a mu opiate receptor. <i>Progress in Neurobiology</i> , 2000, 60, 513-530.	5.7	94
10	A Novel Assay for Neutrophil Extracellular Trap Formation Independently Predicts Disseminated Intravascular Coagulation and Mortality in Critically Ill Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 869-880.	5.6	85
11	Estradiol-stimulated nitric oxide release in human granulocytes is dependent on intracellular calcium transients: evidence of a cell surface estrogen receptor. <i>Blood</i> , 2000, 95, 3951-3958.	1.4	66
12	Biomarker-guided antibiotic stewardship in suspected ventilator-associated pneumonia (VAPrapid2): a randomised controlled trial and process evaluation. <i>Lancet Respiratory Medicine</i> , 2020, 8, 182-191.	10.7	65
13	Endogenous Morphine Levels Are Increased in Sepsis: A Partial Implication of Neutrophils. <i>PLoS ONE</i> , 2010, 5, e8791.	2.5	59
14	The Hippocampal Cholinergic Neurostimulating Peptide, the N-terminal Fragment of the Secreted Phosphatidylethanolamine-binding Protein, Possesses a New Biological Activity on Cardiac Physiology. <i>Journal of Biological Chemistry</i> , 2004, 279, 13054-13064.	3.4	58
15	Heart rate variability: Measurement and emerging use in critical care medicine. <i>Journal of the Intensive Care Society</i> , 2020, 21, 148-157.	2.2	51
16	Natural history, trajectory, and management of mechanically ventilated COVID-19 patients in the United Kingdom. <i>Intensive Care Medicine</i> , 2021, 47, 549-565.	8.2	49
17	Ketamine Inhibits Transcription Factors Activator Protein 1 and Nuclear Factor- κ B, Interleukin-8 Production, as well as CD11b and CD16 Expression: Studies in Human Leukocytes and Leukocytic Cell Lines. <i>Anesthesia and Analgesia</i> , 2010, 110, 934-941.	2.2	48
18	Human limb skeletal muscle wasting and architectural remodeling during five to ten days intubation and ventilation in critical care – an observational study using ultrasound. <i>BMC Anesthesiology</i> , 2016, 16, 119.	1.8	47

#	ARTICLE	IF	CITATIONS
19	Reduction of Postoperative Nausea and Vomiting by Dimenhydrinate Suppositories after Strabismus Surgery in Children. <i>Anesthesia and Analgesia</i> , 2000, 90, 311-314.	2.2	44
20	Endotoxaemia leads to major increases in inflammatory adipokine gene expression in white adipose tissue of mice. <i>Pflugers Archiv European Journal of Physiology</i> , 2009, 457, 731-741.	2.8	43
21	Circulating Histone Concentrations Differentially Affect the Predominance of Left or Right Ventricular Dysfunction in Critical Illness. <i>Critical Care Medicine</i> , 2016, 44, e278-e288.	0.9	37
22	A narrative review of diaphragm ultrasound to predict weaning from mechanical ventilation: where are we and where are we heading?. <i>Ultrasound Journal</i> , 2019, 11, 2.	3.3	33
23	Identification of Morphine-6-glucuronide in Chromaffin Cell Secretory Granules. <i>Journal of Biological Chemistry</i> , 2006, 281, 8082-8089.	3.4	32
24	Processing of Proenkephalin-A in Bovine Chromaffin Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 38355-38362.	3.4	30
25	The role of the protein C-thrombomodulin system and fibrinolysis during cardiovascular surgery: Influence of acute preoperative plasmapheresis. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1996, 10, 482-489.	1.3	29
26	Major sources of critical incidents in intensive care. <i>Critical Care</i> , 2011, 15, R232.	5.8	29
27	Circulating anti-inflammatory adipokines High Molecular Weight Adiponectin and Zinc- α 2-glycoprotein (ZAG) are inhibited in early sepsis, but increase with clinical recovery: a pilot study. <i>BMC Anesthesiology</i> , 2014, 14, 124.	1.8	28
28	The clinical and functional relevance of microparticles induced by activated protein C treatment in sepsis. <i>Critical Care</i> , 2011, 15, R195.	5.8	25
29	Hypercoagulopathy in Severe COVID-19: Implications for Acute Care. <i>Thrombosis and Haemostasis</i> , 2020, 120, 1654-1667.	3.4	25
30	Influence of long-term continuous intravenous administration of pentoxifylline on endothelial-related coagulation in critically ill patients. <i>Critical Care Medicine</i> , 1996, 24, 940-946.	0.9	21
31	Effect of Isoflurane on Echocardiographic Left-Ventricular Relaxation Indices in Patients With Diastolic Dysfunction Due to Concentric Hypertrophy and Ischemic Heart Disease. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2006, 20, 509-514.	1.3	18
32	Performance and customization of 4 prognostic models for postoperative onset of nausea and vomiting in ear, nose, and throat surgery. <i>Journal of Clinical Anesthesia</i> , 2006, 18, 256-263.	1.6	16
33	Is immunomodulation by opioid drugs of clinical relevance?. <i>Current Opinion in Anaesthesiology</i> , 2003, 16, 509-513.	2.0	15
34	Augmented Passive Immunotherapy with P4 Peptide Improves Phagocyte Activity in Severe Sepsis. <i>Shock</i> , 2016, 46, 635-641.	2.1	15
35	Assessment of peripheral muscle thickness and architecture in healthy volunteers using hand-held ultrasound devices; a comparison study with standard ultrasound. <i>BMC Medical Imaging</i> , 2019, 19, 69.	2.7	15
36	Concentration of cefamandole in plasma and tissues of patients undergoing cardiac surgery: The influence of different cefamandole dosage. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1997, 11, 565-570.	1.3	14

#	ARTICLE	IF	CITATIONS
37	Hemodynamic effects of dobutamine and dopexamine after cardiopulmonary bypass in pediatric cardiac surgery*. Paediatric Anaesthesia, 2009, 19, 862-871.	1.1	14
38	Exploring the translational disconnect between the murine and human inflammatory response: analysis of LPS dose–response relationship in murine versus human cell lines and implications for translation into murine models of sepsis. Journal of Inflammation Research, 2015, 8, 201.	3.5	13
39	Estradiol-stimulated nitric oxide release in human granulocytes is dependent on intracellular calcium transients: evidence of a cell surface estrogen receptor. Blood, 2000, 95, 3951-3958.	1.4	11
40	Lipopolysaccharide induces a downregulation of adiponectin receptors<i>in-vitro</i>and<i>in-vivo</i>. PeerJ, 2015, 3, e1428.	2.0	11
41	Management of new onset atrial fibrillation in critically unwell adult patients: a systematic review and narrative synthesis. British Journal of Anaesthesia, 2021, , .	3.4	10
42	Strategies to enhance recruitment and consent to intensive care studies: a qualitative study with researchers and patientâ€“public involvement contributors. BMJ Open, 2021, 11, e048193.	1.9	7
43	Response to delivery stress is not mediated by beta-endorphin (1â€“31). European Journal of Obstetrics, Gynecology and Reproductive Biology, 2008, 136, 39-45.	1.1	6
44	Comparison of serum and lithiumâ€“heparinate plasma for the accurate measurements of endogenous and exogenous morphine concentrations. British Journal of Clinical Pharmacology, 2012, 74, 381-383.	2.4	6
45	Standard- versus intermediate-dose enoxaparin for anti-factor Xa guided thromboprophylaxis in critically ill patients with COVID-19. Thrombosis Journal, 2021, 19, 87.	2.1	5
46	PROcalcitonin and NEWS2 evaluation for Timely identification of sepsis and Optimal use of antibiotics in the emergency department (PRONTO): protocol for a multicentre, open-label, randomised controlled trial. BMJ Open, 2022, 12, e063424.	1.9	5
47	Protocol for a systematic review and network meta-analysis of the management of new onset atrial fibrillation in critically unwell adult patients. Systematic Reviews, 2019, 8, 242.	5.3	4
48	More research is required to understand factors influencing antibiotic prescribing in complex conditions like suspected ventilator-associated pneumonia. Annals of Translational Medicine, 2020, 8, 840-840.	1.7	4
49	Point of care ultrasound in acutely breathless patients-A qualitative study of the enablers and challenges in a teaching hospital in Kenya. , 0, 2, 130-139.		4
50	Endogenous morphineâ€“glucuronide (M6G) is present in the plasma of patients: Validation of a specific antiâ€“M6G antibody for clinical and basic research. BioFactors, 2014, 40, 113-120.	5.4	3
51	International survey on the perioperative management of pulmonary endarterectomy: the perfusion perspective. Perfusion (United Kingdom), 2018, 33, 53-61.	1.0	3
52	Response of proopiomelanocortin and gonado- or lactotroph systems to in-vitro fertilisation procedures stress. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2008, 141, 137-142.	1.1	2
53	Letter by Hamilton et al Regarding Article, â€œComparison of Venous Thromboembolism Risks Between COVID-19 Pneumonia and Community-Acquired Pneumonia Patientsâ€“. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, e309-e310.	2.4	1
54	Anticoagulation strategies in critical care for the treatment of atrial fibrillation: a protocol for a systematic review and meta-analysis. BMJ Open, 2020, 10, e037591.	1.9	1

#	ARTICLE	IF	CITATIONS
55	A Novel Assay of Neutrophil Extracellular Traps (NETs) Formation Independently Predicts DIC and Identifies the Rationale for Anti-IL-8 Therapies. <i>Blood</i> , 2019, 134, 440-440.	1.4	1
56	Correspondence Regarding: BIS Monitoring in Intensive Care. <i>Journal of the Intensive Care Society</i> , 2013, 14, 366-367.	2.2	0
57	A novel assay of neutrophil extracellular trap (NET) formation identifies anti-IL-8 therapies to reduce disseminated intravascular coagulation and mortality in the intensive care unit. <i>Clinical Medicine</i> , 2020, 20, s114-s115.	1.9	0
58	Can Beta-D-Glucan testing as part of the diagnostic pathway for Invasive Fungal Infection reduce anti-fungal treatment costs?. <i>Medical Mycology</i> , 2022, , .	0.7	0