

Antoine Roquilly

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

3,948
citations

147801

31
h-index

133252

59
g-index

116
all docs

116
docs citations

116
times ranked

4492
citing authors

#	ARTICLE	IF	CITATIONS
1	Empiric antimicrobial therapy for early-onset pneumonia in severe trauma patients. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, , 1.	1.7	1
2	Spatiotemporal Adaptations of Macrophage and Dendritic Cell Development and Function. <i>Annual Review of Immunology</i> , 2022, 40, 525-557.	21.8	27
3	Potential Impact of Rapid Multiplex PCR on Antimicrobial Therapy Guidance for Ventilated Hospital-Acquired Pneumonia in Critically Ill Patients, A Prospective Observational Clinical and Economic Study. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 804611.	3.9	12
4	Linking traumatic brain injury and nosocomial infections. , 2022, , 111-121.		0
5	A Randomized, Double-blind, Multicenter Trial Comparing Efficacy and Safety of Imipenem/Cilastatin/Relebactam Versus Piperacillin/Tazobactam in Adults With Hospital-acquired or Ventilator-associated Bacterial Pneumonia (RESTORE-IMI 2 Study). <i>Clinical Infectious Diseases</i> , 2021, 73, e4539-e4548.	5.8	114
6	Implementation of French Recommendations for the Prevention and the Treatment of Hospital-acquired Pneumonia: A Cluster-randomized Trial. <i>Clinical Infectious Diseases</i> , 2021, 73, e1601-e1610.	5.8	12
7	Monocytic Human Leukocyte Antigen DR Expression in Young Infants Undergoing Cardiopulmonary Bypass. <i>Annals of Thoracic Surgery</i> , 2021, 111, 1636-1642.	1.3	7
8	Study protocol for a multicentre, 2Ã—2 factorial, randomised, controlled trial evaluating the interest of intravenous iron and tranexamic acid to reduce blood transfusion in hip fracture patients (the Tj ETQq0 0 0 rgB1,0 Overlock 10 Tf 50 4		
9	Effect of High-Dose Baclofen on Agitation-Related Events Among Patients With Unhealthy Alcohol Use Receiving Mechanical Ventilation. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 732.	7.4	5
10	Balanced Opioid-free Anesthesia with Dexmedetomidine<i>versus</i>Balanced Anesthesia with Remifentanyl for Major or Intermediate Noncardiac Surgery. <i>Anesthesiology</i> , 2021, 134, 541-551.	2.5	132
11	Could Azithromycin Be Part of Pseudomonas aeruginosa Acute Pneumonia Treatment?. <i>Frontiers in Microbiology</i> , 2021, 12, 642541.	3.5	16
12	Diuretics decrease fluid balance in patients on invasive mechanical ventilation: the randomized-controlled single blind, IRIHS study. <i>Critical Care</i> , 2021, 25, 98.	5.8	14
13	Assessment of remifentanyl for rapid sequence induction and intubation in patients at risk of pulmonary aspiration of gastric contents compared to rapid-onset paralytic agents: study protocol for a non-inferiority simple blind randomized controlled trial (the REMICRUSH study). <i>Trials</i> , 2021, 22, 237.	1.6	4
14	A Phase 3, Randomized, Double-Blind Study Comparing Tedizolid Phosphate and Linezolid for Treatment of Ventilated Gram-Positive Hospital-Acquired or Ventilator-Associated Bacterial Pneumonia. <i>Clinical Infectious Diseases</i> , 2021, 73, e710-e718.	5.8	31
15	Reply to Chao and Lai. <i>Clinical Infectious Diseases</i> , 2021, 73, 1552-1553.	5.8	1
16	Circulating Regulatory T Cells Expressing Tumor Necrosis Factor Receptor Type 2 Contribute to Sepsis-Induced Immunosuppression in Patients During Septic Shock. <i>Journal of Infectious Diseases</i> , 2021, 224, 2160-2169.	4.0	8
17	Effect of Continuous Infusion of Hypertonic Saline vs Standard Care on 6-Month Neurological Outcomes in Patients With Traumatic Brain Injury. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 2056.	7.4	64
18	Effect of dexamethasone on complications or all cause mortality after major non-cardiac surgery: multicentre, double blind, randomised controlled trial. <i>BMJ, The</i> , 2021, 373, n1162.	6.0	19

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19	Antibiotic resistance heterogeneity and LasR diversity within <i>Pseudomonas aeruginosa</i> populations from pneumonia in intensive care unit patients. <i>International Journal of Antimicrobial Agents</i> , 2021, 57, 106341.	2.5	1
20	Analytical comparison of ELISA and mass spectrometry for quantification of serum hepcidin in critically ill patients. <i>Bioanalysis</i> , 2021, 13, 1029-1035.	1.5	6
21	Distinct immunological signatures discriminate severe COVID-19 from non-SARS-CoV-2-driven critical pneumonia. <i>Immunity</i> , 2021, 54, 1578-1593.e5.	14.3	75
22	Continuous Pneumatic Regulation of Tracheal Cuff Pressure to Decrease Ventilator-associated Pneumonia in Trauma Patients Who Were Mechanically Ventilated. <i>Chest</i> , 2021, 160, 499-508.	0.8	21
23	Continuous Infusion of Hypertonic Saline vs Standard Care and 6-Month Neurological Outcomes in Patients With Traumatic Brain Injury—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 1537.	7.4	2
24	Alveolar Macrophages: Adaptation to Their Anatomic Niche during and after Inflammation. <i>Cells</i> , 2021, 10, 2720.	4.1	21
25	Interleukin-22 regulates interferon lambda expression in a mice model of <i>pseudomonas aeruginosa</i> pneumonia. <i>Molecular Immunology</i> , 2020, 118, 52-59.	2.2	15
26	Choice of fluid for critically ill patients: An overview of specific situations. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2020, 39, 837-845.	1.4	5
27	The A2B trial, antibiotic prophylaxis for excision-graft surgery in burn patients: a multicenter randomized double-blind study. <i>Trials</i> , 2020, 21, 973.	1.6	3
28	Regulatory T Cells Expressing Tumor Necrosis Factor Receptor Type 2 Play a Major Role in CD4+ T-Cell Impairment During Sepsis. <i>Journal of Infectious Diseases</i> , 2020, 222, 1222-1234.	4.0	13
29	Evaluation of the FilmArray® Pneumonia Plus Panel for Rapid Diagnosis of Hospital-Acquired Pneumonia in Intensive Care Unit Patients. <i>Frontiers in Microbiology</i> , 2020, 11, 2080.	3.5	21
30	COVID-19, steroids and other immunomodulators: The jigsaw is not complete. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2020, 39, 699-701.	1.4	7
31	<i>Pseudomonas aeruginosa</i> Infection Impairs NKG2D-Dependent NK Cell Cytotoxicity through Regulatory T-Cell Activation. <i>Infection and Immunity</i> , 2020, 88, .	2.2	3
32	MakAir, un ventilateur nœ de la pandémie COVID-19—su grœce Å lâ™impression 3D, le numœrique et lâ™open innovation. <i>Medecine De Catastrophe Urgences Collectives</i> , 2020, 4, 233-240.	0.0	0
33	Pulmonary infections complicating ARDS. <i>Intensive Care Medicine</i> , 2020, 46, 2168-2183.	8.2	69
34	Alveolar macrophages are epigenetically altered after inflammation, leading to long-term lung immunoparalysis. <i>Nature Immunology</i> , 2020, 21, 636-648.	14.5	128
35	Management of severe thermal burns in the acute phase in adults and children. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2020, 39, 253-267.	1.4	19
36	Feasibility and impact of the implementation of a clinical scale-based sedation-analgesia protocol in severe burn patients undergoing mechanical ventilation. A before-after bi-center study. <i>Burns</i> , 2020, 46, 1310-1317.	1.9	7

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37	About prevention of early ventilator-associated pneumonia after cardiac arrest. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2020, 39, 9-10.	1.4	0
38	Conséquences infectieuses des lésions crâniocérébrales aiguës. <i>Anesthésie & Réanimation</i> , 2020, 6, 90-95.	0.1	1
39	French recommendations for the management of patients with spinal cord injury or at risk of spinal cord injury. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2020, 39, 279-289.	1.4	29
40	“You helped me keep my head above water” experience of bereavement research after loss of a loved one in the ICU: insights from the ARREVE study. <i>Intensive Care Medicine</i> , 2019, 45, 1252-1261.	8.2	10
41	Alterations of the iNKT cell compartment in brain-injured patients. <i>Critical Care</i> , 2019, 23, 234.	5.8	2
42	Corticoides et sepsis. <i>Anesthésie & Réanimation</i> , 2019, 5, 186-192.	0.1	0
43	Tracheostomy and long-term mortality in ICU patients undergoing prolonged mechanical ventilation. <i>PLoS ONE</i> , 2019, 14, e0220399.	2.5	18
44	Hormone Therapy in Trauma Patients. <i>Critical Care Clinics</i> , 2019, 35, 201-211.	2.6	7
45	Experts’™ guidelines of intubation and extubation of the ICU patient of French Society of Anaesthesia and Intensive Care Medicine (SFAR) and French-speaking Intensive Care Society (SRLF). <i>Annals of Intensive Care</i> , 2019, 9, 13.	4.6	83
46	Impact of a Quality Improvement Program on the Neurological Outcome of Patients with Traumatic Spinal Cord Injury: A Before-After Mono-Centric Study. <i>Journal of Neurotrauma</i> , 2019, 36, 3338-3346.	3.4	7
47	PACMAN trial protocol, Perioperative Administration of Corticotherapy on Morbidity and mortality After Non-cardiac major surgery: a randomised, multicentre, double-blind, superiority study. <i>BMJ Open</i> , 2019, 9, e021262.	1.9	7
48	Cortisol total/CRP ratio for the prediction of hospital-acquired pneumonia and initiation of corticosteroid therapy in traumatic brain-injured patients. <i>Critical Care</i> , 2019, 23, 394.	5.8	10
49	Effects of antibiotic prophylaxis on ventilator-associated pneumonia in severe traumatic brain injury. A post hoc analysis of two trials. <i>Journal of Critical Care</i> , 2019, 50, 221-226.	2.2	13
50	Immunotherapy With Antiprogrammed Cell Death 1 Antibody Improves Outcome in a Mouse Model of Spinal Cord Injury Followed by Staphylococcus aureus Pneumonia. <i>Critical Care Medicine</i> , 2019, 47, e28-e35.	0.9	2
51	2841. A Phase 3, Randomized, Double-Blind Study Comparing Tedizolid Phosphate (TZD) and Linezolid (LZD) for Treatment of Ventilated Gram-Positive (G+) Nosocomial Pneumonia. <i>Open Forum Infectious Diseases</i> , 2019, 6, S67-S67.	0.9	2
52	Prophylactic cefazolin concentrations in morbidly obese patients undergoing sleeve gastrectomy: do we achieve targets?. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 28-34.	2.5	12
53	Patient factors and outcomes associated with the withdrawal or withholding of life-sustaining therapies in mechanically ventilated brain-injured patients. <i>European Journal of Anaesthesiology</i> , 2018, 35, 511-518.	1.7	8
54	Ventilation mécanique et lésion crâniocérébrale aiguë: comment et pour combien de temps?. <i>Praticien En Anesthésie Réanimation</i> , 2018, 22, 4-9.	0.0	0

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55	Respiratory Management in Patients with Severe Brain Injury. <i>Critical Care</i> , 2018, 22, 76.	5.8	61
56	Enteral versus parenteral early nutrition in ventilated adults with shock: a randomised, controlled, multicentre, open-label, parallel-group study (NUTRIREA-2). <i>Lancet, The</i> , 2018, 391, 133-143.	13.7	371
57	Hospital-acquired pneumonia in ICU. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2018, 37, 83-98.	1.4	135
58	Brief summary of French guidelines for the prevention, diagnosis and treatment of hospital-acquired pneumonia in ICU. <i>Annals of Intensive Care</i> , 2018, 8, 104.	4.6	32
59	Contribution of Dendritic Cell Responses to Sepsis-Induced Immunosuppression and to Susceptibility to Secondary Pneumonia. <i>Frontiers in Immunology</i> , 2018, 9, 2590.	4.8	52
60	Corticosteroids administration to improve outcome in high-risk surgical patients. <i>Current Opinion in Critical Care</i> , 2018, 24, 575-580.	3.2	4
61	French intensive care unit organisation. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2018, 37, 625-627.	1.4	38
62	Monitoring the Adaptive Immune System in Septic Shock Patients. <i>Critical Care Medicine</i> , 2018, 46, 1867-1869.	0.9	1
63	Trauma-Induced Damage-Associated Molecular Patterns-Mediated Remote Organ Injury and Immunosuppression in the Acutely Ill Patient. <i>Frontiers in Immunology</i> , 2018, 9, 1330.	4.8	95
64	HLA-DR expression in neonates after cardiac surgery under cardiopulmonary bypass: a pilot study. <i>Intensive Care Medicine Experimental</i> , 2018, 6, 1.	1.9	9
65	Sodium bicarbonate therapy for patients with severe metabolic acidaemia in the intensive care unit (BICAR-ICU): a multicentre, open-label, randomised controlled, phase 3 trial. <i>Lancet, The</i> , 2018, 392, 31-40.	13.7	232
66	Management and weaning from mechanical ventilation in neurologic patients. <i>Annals of Translational Medicine</i> , 2018, 6, 381-381.	1.7	25
67	Role of IL-12 in overcoming the low responsiveness of NK cells to missing self after traumatic brain injury. <i>Clinical Immunology</i> , 2017, 177, 87-94.	3.2	14
68	Known and unknown potentially modifiable factors contributing to outcome in brain-injured patients who need mechanical ventilatory support. Discussion on "The BI-VILI project: a nationwide quality improvement project". <i>Intensive Care Medicine</i> , 2017, 43, 1071-1072.	8.2	1
69	Extubation Success Prediction in a Multicentric Cohort of Patients with Severe Brain Injury. <i>Anesthesiology</i> , 2017, 127, 338-346.	2.5	73
70	A multi-faceted strategy to reduce ventilation-associated mortality in brain-injured patients. The BI-VILI project: a nationwide quality improvement project. <i>Intensive Care Medicine</i> , 2017, 43, 957-970.	8.2	81
71	COBI (COntinuous hyperosmolar therapy for traumatic Brain-Injured patients) trial protocol: a multicentre randomised open-label trial with blinded adjudication of primary outcome. <i>BMJ Open</i> , 2017, 7, e018035.	1.9	19
72	Impact of iron deficiency diagnosis using hepcidin mass spectrometry dosage methods on hospital stay and costs after a prolonged ICU stay: Study protocol for a multicentre, randomised, single-blinded medico-economic trial. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2017, 36, 391-396.	1.4	9

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73	Interleukin-22 level is negatively correlated with neutrophil recruitment in the lungs in a <i>Pseudomonas aeruginosa</i> pneumonia model. <i>Scientific Reports</i> , 2017, 7, 11010.	3.3	31
74	Terminal weaning or immediate extubation for withdrawing mechanical ventilation in critically ill patients (the ARREVE observational study). <i>Intensive Care Medicine</i> , 2017, 43, 1793-1807.	8.2	73
75	Local Modulation of Antigen-Presenting Cell Development after Resolution of Pneumonia Induces Long-Term Susceptibility to Secondary Infections. <i>Immunity</i> , 2017, 47, 135-147.e5.	14.3	133
76	Association between continuous hyperosmolar therapy and survival in patients with traumatic brain injury – a multicentre prospective cohort study and systematic review. <i>Critical Care</i> , 2017, 21, 328.	5.8	43
77	Exoenzyme T Plays a Pivotal Role in the IFN- γ Production after <i>Pseudomonas</i> Challenge in IL-12 Primed Natural Killer Cells. <i>Frontiers in Immunology</i> , 2017, 8, 1283.	4.8	12
78	Impact of Serum and Plasma Matrices on the Titration of Human Inflammatory Biomarkers Using Analytically Validated SRM Assays. <i>Journal of Proteome Research</i> , 2016, 15, 2366-2378.	3.7	10
79	ICU physicians' and nurses' perceptions of terminal extubation and terminal weaning: a self-questionnaire study. <i>Intensive Care Medicine</i> , 2016, 42, 1248-1257.	8.2	22
80	Empiric antimicrobial therapy for ventilator-associated pneumonia after brain injury. <i>European Respiratory Journal</i> , 2016, 47, 1219-1228.	6.7	25
81	High-flow nasal cannula oxygen during endotracheal intubation in hypoxemic patients: a randomized controlled clinical trial. <i>Intensive Care Medicine</i> , 2015, 41, 1538-1548.	8.2	215
82	Reply to Hurley. <i>Clinical Infectious Diseases</i> , 2015, 60, 1730-1731.	5.8	0
83	The role of dendritic cell alterations in susceptibility to hospital-acquired infections during critical-illness related immunosuppression. <i>Molecular Immunology</i> , 2015, 68, 120-123.	2.2	22
84	Reply to Kuriyama and Urushidani. <i>Clinical Infectious Diseases</i> , 2015, 61, 855.2-856.	5.8	0
85	Phenotype and functions of B cells in patients with acute brain injuries. <i>Molecular Immunology</i> , 2015, 68, 350-356.	2.2	12
86	Pneumonia Prevention to Decrease Mortality in Intensive Care Unit: A Systematic Review and Meta-analysis. <i>Clinical Infectious Diseases</i> , 2015, 60, 64-75.	5.8	102
87	Hydrocortisone Prevents Immunosuppression by Interleukin-10+ Natural Killer Cells After Trauma-Hemorrhage. <i>Critical Care Medicine</i> , 2014, 42, e752-e761.	0.9	36
88	Effects of tight computerized glucose control on neurological outcome in severely brain injured patients: a multicenter sub-group analysis of the randomized-controlled open-label CGAO-REA study. <i>Critical Care</i> , 2014, 18, 498.	5.8	29
89	Prevalence of iron deficiency on ICU discharge and its relation with fatigue: a multicenter prospective study. <i>Critical Care</i> , 2014, 18, 542.	5.8	41
90	Modulation of dendritic cell antigen presentation by pathogens, tissue damage and secondary inflammatory signals. <i>Current Opinion in Pharmacology</i> , 2014, 17, 64-70.	3.5	23

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91	Inflammation Conditions Mature Dendritic Cells To Retain the Capacity To Present New Antigens but with Altered Cytokine Secretion Function. <i>Journal of Immunology</i> , 2014, 193, 3851-3859.	0.8	27
92	Hydrocortisone and fludrocortisone for prevention of hospital-acquired pneumonia in patients with severe traumatic brain injury (Corti-TC): a double-blind, multicentre phase 3, randomised placebo-controlled trial. <i>Lancet Respiratory Medicine</i> , 2014, 2, 706-716.	10.7	98
93	Pulse pressure variations to guide fluid therapy in donors: A multicentric echocardiographic observational study. <i>Journal of Critical Care</i> , 2014, 29, 489-494.	2.2	15
94	Risk factors for prolonged duration of mechanical ventilation in acute traumatic tetraplegic patients—a retrospective cohort study. <i>Journal of Critical Care</i> , 2014, 29, 313.e7-313.e13.	2.2	17
95	Depletion of Natural Killer Cells Increases Mice Susceptibility in a <i>Pseudomonas aeruginosa</i> Pneumonia Model*. <i>Critical Care Medicine</i> , 2014, 42, e441-e450.	0.9	42
96	Implementation of an Evidence-based Extubation Readiness Bundle in 499 Brain-injured Patients. A Before-After Evaluation of a Quality Improvement Project. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 958-966.	5.6	75
97	An In Vitro Model of Mycobacterial Granuloma to Investigate the Immune Response in Brain-Injured Patients*. <i>Critical Care Medicine</i> , 2013, 41, 245-254.	0.9	27
98	Impaired Blood Dendritic Cell Numbers and Functions after Aneurysmal Subarachnoid Hemorrhage. <i>PLoS ONE</i> , 2013, 8, e71639.	2.5	29
99	Etomidate increases susceptibility to pneumonia in trauma patients. <i>Intensive Care Medicine</i> , 2012, 38, 1673-1682.	8.2	37
100	Dobutamine-Induced High Cardiac Index did not Prevent Vasospasm in Subarachnoid Hemorrhage Patients: A Randomized Controlled Pilot Study. <i>Neurocritical Care</i> , 2012, 17, 183-190.	2.4	30
101	Innate Immune Dysfunction in Trauma Patients. <i>Anesthesiology</i> , 2012, 117, 411-416.	2.5	46
102	Continuous controlled-infusion of hypertonic saline solution in traumatic brain-injured patients: a 9-year retrospective study. <i>Critical Care</i> , 2011, 15, R260.	5.8	67
103	Corticotherapy for traumatic brain-injured Patients - The Corti-TC trial: study protocol for a randomized controlled trial. <i>Trials</i> , 2011, 12, 228.	1.6	9
104	Hydrocortisone Therapy for Patients With Multiple Trauma. <i>JAMA - Journal of the American Medical Association</i> , 2011, 305, 1201.	7.4	175
105	Retrospective Analysis of the Risk Factors and Pathogens Associated With Early-onset Ventilator-associated Pneumonia in Surgical-ICU Head-trauma Patients. <i>Journal of Neurosurgical Anesthesiology</i> , 2010, 22, 32-37.	1.2	64
106	Dexamethasone for Patients Undergoing Major Noncardiac Surgery: A Multicenter, Double-Blind, Controlled Randomized Trial. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0