Sepsis: mechanisms of bacterial injury to the patient

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Citation Report

#	Article	IF	CITATIONS
1	The Role of Autophagy in Sepsis: Protection and Injury to Organs. Frontiers in Physiology, 2019, 10, 1071.	2.8	57
2	Predictive Factors and Microbial Spectrum for Infectious Complications after Hepatectomy with Cholangiojejunostomy in Perihilar Cholangiocarcinoma. Surgical Infections, 2020, 21, 275-283.	1.4	6
3	CYTL1 Promotes the Activation of Neutrophils in a Sepsis Model. Inflammation, 2020, 43, 274-285.	3.8	7
4	The increased marginal zone B cells attenuates early inflammatory responses during sepsis in Gpr174 deficient mice. International Immunopharmacology, 2020, 81, 106034.	3.8	8
5	Understanding immunopathology of severe dengue: lessons learnt from sepsis. Current Opinion in Virology, 2020, 43, 41-49.	5.4	5
6	Systemic inflammation and sepsis. Part I: Storm formation. Archivos Argentinos De Pediatria, 2020, 118, e527-e535.	0.2	2
7	Extracellular ATP as an Inter-Kingdom Signaling Molecule: Release Mechanisms by Bacteria and Its Implication on the Host. International Journal of Molecular Sciences, 2020, 21, 5590.	4.1	35
8	Sustainable Nanosheet Antioxidants for Sepsis Therapy <i>via</i> Scavenging Intracellular Reactive Oxygen and Nitrogen Species. ACS Nano, 2020, 14, 10324-10336.	14.6	87
9	Development of Solid-Phase RPA on a Lateral Flow Device for the Detection of Pathogens Related to Sepsis. Sensors, 2020, 20, 4182.	3.8	5
10	Effects of Immunomodulatory Drug Fingolimod (FTY720) on Chlamydia Dissemination and Pathogenesis. Infection and Immunity, 2020, 88, .	2.2	5
11	<p>Pharmaceutical Quality of Selected Metronidazole and Ciprofloxacin Infusions Marketed in South Eastern Nigeria</p> . Drug, Healthcare and Patient Safety, 2020, Volume 12, 103-112.	2.5	2
12	The COVID-19 pandemic and dentistry: the clinical, legal and economic consequences - part 2: consequences of withholding dental care. British Dental Journal, 2020, 229, 801-805.	0.6	37
13	RIPK3 collaborates with GSDMD to drive tissue injury in lethal polymicrobial sepsis. Cell Death and Differentiation, 2020, 27, 2568-2585.	11.2	75
14	Role of NLRP3 inflammasome in liver disease. Journal of Digestive Diseases, 2020, 21, 430-436.	1.5	26
15	Therapeutic targets and signaling mechanisms of vitamin C activity against sepsis: a bioinformatics study. Briefings in Bioinformatics, 2021, 22, .	6.5	56
16	TLR4 and CD14 trafficking and its influence on LPS-induced pro-inflammatory signaling. Cellular and Molecular Life Sciences, 2021, 78, 1233-1261.	5.4	535
17	Sphingosine 1-phosphate in sepsis and beyond: Its role in disease tolerance and host defense and the impact of carrier molecules. Cellular Signalling, 2021, 78, 109849.	3.6	8
18	To decipher the antibacterial mechanism and promotion of wound healing activity by hydrogels embedded with biogenic Ag@ZnO core-shell nanocomposites. Chemical Engineering Journal, 2021, 417, 128025	12.7	38

#	Article	IF	CITATIONS
19	A Study of the Chemistries, Growth Mechanisms, and Antibacterial Properties of Cerium- and Yttrium-Containing Nanoparticles. ACS Biomaterials Science and Engineering, 2021, 7, 1787-1807.	5.2	4
20	Cathelicidin ΔPb-CATH4 derived from Python bivittatus accelerates the healing of Staphylococcus aureus-infected wounds in mice. Amino Acids, 2021, 53, 313-317.	2.7	2
21	Treatment for a grade 4 diabetic foot patient with necrotizing fasciitis. Medicine, Case Reports and Study Protocols, 2021, 2, e0066.	0.1	0
22	Novel TLR2xTLR4 Bispecific Antibody Inhibits Bacterial Sepsis. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2021, 40, 6-10.	1.6	2
23	Systemic and Extraradicular Bacterial Translocation in Apical Periodontitis. Frontiers in Cellular and Infection Microbiology, 2021, 11, 649925.	3.9	25
24	Targeting Multicopy Prophage Genes for the Increased Detection of Borrelia burgdorferi Sensu Lato (s.l.), the Causative Agents of Lyme Disease, in Blood. Frontiers in Microbiology, 2021, 12, 651217.	3.5	11
25	An evaluation of sepsis in dentistry. British Dental Journal, 2021, 230, 351-357.	0.6	5
26	TLR4-NLRP3-GSDMD-Mediated Pyroptosis Plays an Important Role in Aggravated Liver Injury of CD38-/- Sepsis Mice. Journal of Immunology Research, 2021, 2021, 1-15.	2.2	12
27	Pulp Response to Periodontal Disease: Novel Observations Help Clarify the Processes of Tissue Breakdown and Infection. Journal of Endodontics, 2021, 47, 740-754.	3.1	14
28	Biofilm-Infected Human Clusteroid Three-Dimensional Coculture Platform to Replace Animal Models in Testing Antimicrobial Nanotechnologies. ACS Applied Materials & Interfaces, 2021, 13, 22182-22194.	8.0	17
29	Introduction on Monoclonal Antibodies. , 0, , .		2
30	Identification of the Gram Positive Bacterial Sepsis Agent with Rapid Genotype Test. Konuralp Tip Dergisi, 2021, 13, 511-518.	0.3	0
31	Probiotics for the Management of Sepsis: Advances in Animal Models and Intensive Care Unit Environments. Microbiology Research, 2021, 12, 553-566.	1.9	1
32	Drug Repurposing: In Silico Modeling of Streptococcus Infection. International Journal of Scientific Research in Science and Technology, 2021, , 907-919.	0.1	1
33	The potential of SERS as an AST methodology in clinical settings. Nanophotonics, 2021, 10, 2537-2561.	6.0	12
34	An evaluation of sepsis in dentistry. BDJ Team, 2021, 8, 32-39.	0.1	2
35	Oxycytosis and the role of triboelectricity and oxidation in bacteria clearing from the bloodstream. European Journal of Microbiology and Immunology, 2021, 11, 23-28.	2.8	1
36	Dysregulation of the renin-angiotensin system in septic shock: Mechanistic insights and application of angiotensin II in clinical management. Pharmacological Research, 2021, 174, 105916.	7.1	14

#	Article	IF	CITATIONS
37	Bacterial Invasion of Pulp Blood Vessels in Teeth with Symptomatic Irreversible Pulpitis. Journal of Endodontics, 2021, 47, 1854-1864.	3.1	24
38	Dealing with MDR bacteria and biofilm in the post-antibiotic era: Application of antimicrobial peptides-based nano-formulation. Materials Science and Engineering C, 2021, 128, 112318.	7.3	24
39	Aloe-Emodin-Mediated Photodynamic Therapy Attenuates Sepsis-Associated Toxins in Selected Gram-Positive Bacteria In Vitro. Journal of Microbiology and Biotechnology, 2021, 31, 1200-1209.	2.1	6
40	The Case against Antibiotics and for Anti-Virulence Therapeutics. Microorganisms, 2021, 9, 2049.	3.6	25
41	Non-Antimicrobial Adjuvant Strategies to Tackle Biofilm-Related Staphylococcus aureus Prosthetic Joint Infections. Antibiotics, 2021, 10, 1060.	3.7	7
42	Avian antimicrobial peptides: in vitro and in ovo characterization and protection from early chick mortality caused by yolk sac infection. Scientific Reports, 2021, 11, 2132.	3.3	11
43	Mean Platelet Volume and Platelet Volume Distribution Width in Canine Parvoviral Enteritis. Frontiers in Veterinary Science, 2021, 8, 722280.	2.2	10
44	The Value of a Complete Blood Count (CBC) for Sepsis Diagnosis and Prognosis. Diagnostics, 2021, 11, 1881.	2.6	45
45	Application of phage display technology for the production of antibodies against Streptococcus suis serotype 2. PLoS ONE, 2021, 16, e0258931.	2.5	2
47	Effects of Bidens Pilosa (L) Extract on Haematological Parameters of Swiss Albino Rats Orogastrically Dosed with Escherichia coli O157:H7. European Journal of Medical and Health Sciences, 2020, 2, .	0.2	0
48	Applications of Plasma-Activated Liquid in the Medical Field. Biomedicines, 2021, 9, 1700.	3.2	19
49	Effect of cogon grass root ethanol extract on fatty acid binding protein 4 and oxidative stress markers in a sepsis mouse model. F1000Research, 0, 10, 1161.	1.6	0
50	Effect of cogon grass root ethanol extract on fatty acid binding protein 4 and oxidative stress markers in a sepsis mouse model. F1000Research, 0, 10, 1161.	1.6	0
51	Prevention, inhibition, and degradation effects of melittin alone and in combination with vancomycin and rifampin against strong biofilm producer strains of methicillin-resistant Staphylococcus epidermidis. Biomedicine and Pharmacotherapy, 2022, 147, 112670.	5.6	20
52	Occurrence and Resistance Pattern of Gram-Negative Bacteremia and Sepsis in A Tertiary Care Hospital - A Four-Year Study. Journal of Pure and Applied Microbiology, 2022, 16, 655-662.	0.9	1
53	Kinetics of bactericidal potency with synergistic combination of allicin and selected antibiotics. Journal of Bioscience and Bioengineering, 2022, 133, 567-578.	2.2	8
54	Changes of CD3+CD56+ Î ³ δT cell number and apoptosis during hospital admission are related to mortality in septic patients. Clinical Immunology, 2022, 236, 108956.	3.2	4
55	Bio-Inspired Nanostructured Ti-6Al-4V Alloy: The Role of Two Alkaline Etchants and the Hydrothermal Processing Duration on Antibacterial Activity. Nanomaterials, 2022, 12, 1140.	4.1	25

#	Article	IF	CITATIONS
56	Oxygen therapy for sepsis and prevention of complications. Acute and Critical Care, 2022, , .	1.4	4
57	Dual-layer hollow fibre haemodialysis membrane for effective uremic toxins removal with minimal blood-bacteria contamination. AEJ - Alexandria Engineering Journal, 2022, 61, 10139-10152.	6.4	11
58	Experimental Modeling of Sepsis. Biology Bulletin Reviews, 2021, 11, 65-77.	0.9	0
59	Aeromonas and Human Health Disorders: Clinical Approaches. Frontiers in Microbiology, 2022, 13, .	3.5	39
60	Superior in vivo Wound-Healing Activity of Mycosynthesized Silver Nanogel on Different Wound Models in Rat. Frontiers in Microbiology, 2022, 13, .	3.5	4
63	Biofilms: Formation, drug resistance and alternatives to conventional approaches. AIMS Microbiology, 2022, 8, 239-277.	2.2	34
64	Effect of New 2-Thioxoimidazolidin-4-one Compounds against Staphylococcus aureus Clinical Strains and Immunological Markers' Combinations. Canadian Journal of Infectious Diseases and Medical Microbiology, 2022, 2022, 1-18.	1.9	0
65	Identification of Peptoniphilus vaginalis-Like Bacteria, Peptoniphilus septimus sp. nov., From Blood Cultures in a Cervical Cancer Patient Receiving Chemotherapy: Case and Implications. Frontiers in Cellular and Infection Microbiology, 0, 12, .	3.9	3
66	Awareness of the Influence of Periodontitis on Systemic Health among Medical Professionals: A Questionnaire Study. Journal of Health and Allied Sciences NU, 2023, 13, 228-232.	0.4	1
67	Lung Organoids—The Ultimate Tool to Dissect Pulmonary Diseases?. Frontiers in Cell and Developmental Biology, 0, 10, .	3.7	12
68	Burden of bacterial bloodstream infections and recent advances for diagnosis. Pathogens and Disease, 2022, 80, .	2.0	6
69	Role of succinic acid in the regulation of sepsis. International Immunopharmacology, 2022, 110, 109065.	3.8	8
70	A Predictive Model Based on Inflammatory and Coagulation Indicators for Sepsis-Induced Acute Kidney Injury. Journal of Inflammation Research, 0, Volume 15, 4561-4571.	3.5	7
71	A rat model of septic shock using live <i>Escherichia coli</i> and response to Noradrenaline. Indian Journal of Physiology and Pharmacology, 0, 66, 85-97.	0.4	0
72	Translational and Clinical Significance of DAMPs, PAMPs, and PRRs in Trauma-induced Inflammation. Archives of Clinical and Biomedical Research, 2022, 06, .	0.2	6
73	Comparative metagenomic analysis of human intervertebral disc nucleus pulposus and cartilaginous end plates. Frontiers in Cardiovascular Medicine, 0, 9, .	2.4	6
74	Ultrafast Determination of Antimicrobial Resistant <i>Staphylococcus aureus</i> Specifically Captured by Functionalized Magnetic Nanoclusters. ACS Sensors, 2022, 7, 3491-3500.	7.8	5
75	Disulfiram alleviates acute lung injury and related intestinal mucosal barrier impairment by targeting GSDMD-dependent pyroptosis. Journal of Inflammation, 2022, 19, .	3.4	9

#	Article	IF	CITATIONS
76	Antibiotic prophylaxis to prevent complications in endoscopic retrograde cholangiopancreatography: A systematic review and meta-analysis of randomized controlled trials. World Journal of Gastrointestinal Endoscopy, 0, 14, 718-730.	1.2	1
77	10-Residue MyD88-Peptide Adopts β-Sheet Structure, Self-Assembles, Binds to Lipopolysaccharides, and Rescues Mice from Endotoxin-Mediated Lung-Infection and Death. ACS Chemical Biology, 2022, 17, 3420-3434.	3.4	7
78	Antimicrobial mechanism of semi-bionic extracts of three traditional medicinal plants—Rheum palmatum L., Scutellaria baicalensis Georgi, and Houttuynia cordata Thunb—That can be used as antibiotic alternatives. Frontiers in Veterinary Science, 0, 9, .	2.2	1
79	Bacterial neuraminidase inhibitory linarin from <i>Dendranthema zawadskii</i> . Journal of Applied Biological Chemistry, 0, 66, 1-6.	0.4	1
80	Yeast Expressed Hybrid Peptide CLP Abridged Pro-Inflammatory Cytokine Levels by Endotoxin Neutralization. Microorganisms, 2023, 11, 131.	3.6	1
81	High-Dose Intravenous Ascorbate in Sepsis, a Pro-Oxidant Enhanced Microbicidal Activity and the Effect on Neutrophil Functions. Biomedicines, 2023, 11, 51.	3.2	8
82	Biofilm Formation and its Association with Gram Negative Sepsis Pathogenicity. Biomedical and Pharmacology Journal, 2022, 15, 2099-2106.	0.5	1
83	Single-cell RNA sequencing and transcriptomic analysis reveal key genes and regulatory mechanisms in sepsis. Biotechnology and Genetic Engineering Reviews, 0, , 1-23.	6.2	0
84	Vibrio vulnificus, an Underestimated Zoonotic Pathogen. Advances in Experimental Medicine and Biology, 2023, , 175-194.	1.6	3
85	Performance of a System for Rapid Phenotypic Antimicrobial Susceptibility Testing of Gram-Negative Bacteria Directly from Positive Blood Culture Bottles. Journal of Clinical Microbiology, 2023, 61, .	3.9	3
86	Invasive non-typhoidal Salmonella in adult patients: A three-year review in a Malaysian General Hospital. Asia-Pacific Journal of Molecular Biology and Biotechnology, 0, , 81-88.	0.1	0
87	Antibiogram of Multidrug-Resistant Bacteria Based on Sepsis Onset Location in Korea: A Multicenter Cohort Study. Journal of Korean Medical Science, 2023, 38, .	2.5	1
88	Use of machine learning-based integration to develop a monocyte differentiation-related signature for improving prognosis in patients with sepsis. Molecular Medicine, 2023, 29, .	4.4	0
89	Therapeutic Strategies to Ameliorate Antibiotic Resistance and Host-Inflammation Response in Sepsis: an Innovative Approach. Current Clinical Microbiology Reports, 0, , .	3.4	0
90	Distinct bacterial population dynamics and disease dissemination after biofilm dispersal and disassembly. ISME Journal, 2023, 17, 1290-1302.	9.8	4
91	Protective effect of the novel cyclic peptide ASK0912 on mice with sepsis induced by Acinetobacter baumannii. Biomedicine and Pharmacotherapy, 2023, 164, 114965.	5.6	2
92	Human Microbiome and Lifestyle Disorders. , 2023, , 165-193.		0
93	Bacterial extracellular vesicles repress the vascular protective factor RNase1 in human lung endothelial cells. Cell Communication and Signaling, 2023, 21, .	6.5	1

#	Article	IF	CITATIONS
94	Anemia in patients with necrotizing soft tissue infections, pathogenetic and prognostic value. Meditsinskii Akademicheskii Zhurnal, 2023, 1, 95-105.	0.2	0
95	Liver proteomic analysis reveals the key proteins involved in host immune response to sepsis. PeerJ, 0, 11, e15294.	2.0	0
97	Drug delivery based on a supramolecular chemistry approach by using chitosan hydrogels. International Journal of Biological Macromolecules, 2023, 248, 125800.	7.5	7
98	Evolving biofilm inhibition and eradication in clinical settings through plant-based antibiofilm agents. Phytomedicine, 2023, 119, 154973.	5.3	4
99	Predicting cytokine kinetics during sepsis; a modelling framework from a porcine sepsis model with live Escherichia coli. Cytokine, 2023, 169, 156296.	3.2	0
100	Lipid oxidation dysregulation: an emerging player in the pathophysiology of sepsis. Frontiers in Immunology, 0, 14, .	4.8	2
101	Research Progress of DcR3 in the Diagnosis and Treatment of Sepsis. International Journal of Molecular Sciences, 2023, 24, 12916.	4.1	1
102	Biodiversity of Skin Microbiota as an Important Biomarker for Wound Healing. Biology, 2023, 12, 1187.	2.8	0
103	A Review of the Antibacterial, Fungicidal and Antiviral Properties of Selenium Nanoparticles. Materials, 2023, 16, 5363.	2.9	12
104	Multi-biological functions of intermedin in diseases. Frontiers in Physiology, 0, 14, .	2.8	0
105	Effective Healing of Staphylococcus aureus-Infected Wounds in Pig Cathelicidin Protegrin-1-Overexpressing Transgenic Mice. International Journal of Molecular Sciences, 2023, 24, 11658.	4.1	1
106	Inhibitions inflammatory response in clicks alleviates LPS induced myocardial injury by total polysaccharides of Pinus massoniana Lamb. pollen. Carbohydrate Polymer Technologies and Applications, 2023, 6, 100372.	2.6	0
107	Safety evaluation of indigenous probiotic Limosilactobacillus fermentum NCDC 400 using whole genome sequences and in vitro approaches. Food Bioscience, 2023, 56, 103101.	4.4	2
108	Research on the Pathogenesis and Recent Treatment Progress of Sepsis Combined with Acute Kidney Injury. Advances in Clinical Medicine, 2023, 13, 12362-12368.	0.0	0
109	Effect of cogon grass root ethanol extract on fatty acid binding protein 4 and oxidative stress markers in a sepsis mouse model. F1000Research, 0, 10, 1161.	1.6	0
110	An organotypic oral mucosal infection model to study host-pathogen interactions. Journal of Tissue Engineering, 2023, 14, .	5.5	0
111	The Role of the Insulin/Glucose Ratio in the Regulation of Pathogen Biofilm Formation. Biology, 2023, 12, 1432.	2.8	0
112	The suppression of sepsis-induced kidney injury via the knockout of T lymphocytes. Heliyon, 2024, 10, e23311.	3.2	Ο

#	Article	IF	Citations
113	Hesperidin Loaded N-carbon Nanoparticles as Nano-carrier for Enhanced Bactericide Activity Against Resistant E. coli. Journal of Cluster Science, 2024, 35, 915-927.	3.3	0
115	Nanomaterial-based methods for sepsis management. Enzyme and Microbial Technology, 2024, 174, 110380.	3.2	1
116	Deployment of <i>in-silico</i> analysis to reveal the antibacterial profiles of <i>Allium sativum</i> against <i>Aeromonas hydrophila</i> . Journal of Biomolecular Structure and Dynamics, 0, , 1-15.	3.5	0
117	The roles of tissue-resident macrophages in sepsis-associated organ dysfunction. Heliyon, 2023, 9, e21391.	3.2	0
118	Importancia del diagnÃ ³ stico de sepsis en el laboratorio clÃnico. , 0, 4, 704.		0
119	Universal Risk Factors for Mortality in Bloodstream Infections (UNIFORM): a systematic review and Delphi survey. Clinical Microbiology and Infection, 2024, 30, 453-461.	6.0	0
120	Comparative Evaluation of Different Tissues and Molecular Techniques for the Zoonotic Surveillance of Scrub Typhus. Vector-Borne and Zoonotic Diseases, 0, , .	1.5	0
121	Hastalıkların Fizyopatolojisinde Eritrosit Deformabilitesinin Önemi. İstanbul GeliÅŸim Üniversitesi SaÄŸlÄ Bilimleri Dergisi, 2024, , 1262-1272.	^{±k} 0.2	0
122	Bacterial capsules. , 2024, , 69-96.		0
123	Bacterial heat shock protein: A new crosstalk between T lymphocyte and macrophage via JAK2/STAT1 pathway in bloodstream infection. Microbiological Research, 2024, 282, 127626.	5.3	0
124	Gut microbiota and sepsis and sepsis-related death: a Mendelian randomization investigation. Frontiers in Immunology, 0, 15, .	4.8	0
125	Playing with biological selectivity: Antimicrobial peptides and bacteriophages-based optical biosensors for pathogenic bacteria detection. TrAC - Trends in Analytical Chemistry, 2024, 172, 117565.	11.4	0
128	An early warning model for predicting major adverse kidney events within 30 days in sepsis patients. Frontiers in Medicine, 0, 10, .	2.6	0
129	In Vitro Simulated Hemoperfusion on Seraph®-100 as a Promising Strategy to Counteract Sepsis. Biomedicines, 2024, 12, 575.	3.2	0
130	Transient bacteremia following the removal of four different types of rapid palatal expanders. Journal of Orofacial Orthopedics, 0, , .	1.3	0