

Pathophysiologic Response to Severe Burn Injury

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The Hepatic Response to Thermal Injury: Is the Liver Important for Postburn Outcomes?. <i>Molecular Medicine</i> , 2009, 15, 337-351.	1.9	140
2	Abnormal Insulin Sensitivity Persists up to Three Years in Pediatric Patients Post-Burn. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 1656-1664.	1.8	162
3	Glycemic Control in the Burn Intensive Care Unit: Focus on the Role of Anemia in Glucose Measurement. <i>Journal of Diabetes Science and Technology</i> , 2009, 3, 1319-1329.	1.3	14
4	Insulin drips or glucose control for burn patients. <i>Surgery</i> , 2009, 146, 965-966.	1.0	0
5	Modulation of the Hypermetabolic Response to Trauma: Temperature, Nutrition, and Drugs. <i>Journal of the American College of Surgeons</i> , 2009, 208, 489-502.	0.2	115
6	Anesthetic considerations for major burn injury in pediatric patients. <i>Paediatric Anaesthesia</i> , 2009, 19, 202-211.	0.6	118
7	Nonsteroidal Selective Androgen Receptor Modulators (SARMs): Dissociating the Anabolic and Androgenic Activities of the Androgen Receptor for Therapeutic Benefit. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 3597-3617.	2.9	191
8	Bench-to-bedside review: Burn-induced cerebral inflammation "a neglected entity?. <i>Critical Care</i> , 2009, 13, 215.	2.5	41
9	The leading causes of death after burn injury in a single pediatric burn center. <i>Critical Care</i> , 2009, 13, R183.	2.5	274
10	Cytokine expression profile over time in burned mice. <i>Cytokine</i> , 2009, 45, 20-25.	1.4	107
11	The year in burns 2008. <i>Burns</i> , 2009, 35, 1057-1070.	1.1	7
13	The Hypermetabolic Response to Burn Injury and Interventions to Modify this Response. <i>Clinics in Plastic Surgery</i> , 2009, 36, 583-596.	0.7	177
14	Efficacy of Propranolol in Wound Healing for Hospitalized Burn Patients. <i>Journal of Burn Care and Research</i> , 2009, PAP, 1013-7.	0.2	53
15	Glucose Control in Severely Thermally Injured Pediatric Patients. <i>Annals of Surgery</i> , 2010, 252, 521-528.	2.1	60
16	Types of Wounds and Infections. , 2010, , 219-232.		9
17	THE ROLE OF HYPERGLYCEMIA IN BURNED PATIENTS. <i>Shock</i> , 2010, 33, 5-13.	1.0	67
18	Effects of Exercise Training on Resting Energy Expenditure and Lean Mass During Pediatric Burn Rehabilitation. <i>Journal of Burn Care and Research</i> , 2010, 31, 400-408.	0.2	64
19	IMPACT OF ANESTHESIA, ANALGESIA, AND EUTHANASIA TECHNIQUE ON THE INFLAMMATORY CYTOKINE PROFILE IN A RODENT MODEL OF SEVERE BURN INJURY. <i>Shock</i> , 2010, 34, 261-268.	1.0	48

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20	A Review of metabolic staging in severely injured patients. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2010, 18, 27.	1.1	32
21	An evaluation of nutritional practice in a paediatric burns unit. <i>South African Medical Journal</i> , 2010, 100, 383.	0.2	5
22	Plasma Proteome Response to Severe Burn Injury Revealed by ¹⁸ O-Labeled <i>Universal</i> Reference-Based Quantitative Proteomics. <i>Journal of Proteome Research</i> , 2010, 9, 4779-4789.	1.8	54
23	Burn severity and post-burn infertility in men. <i>Burns</i> , 2010, 36, 367-371.	1.1	7
24	Whole body protein kinetics measured with a non-invasive method in severely burned children. <i>Burns</i> , 2010, 36, 1006-1012.	1.1	18
25	Malnutrition among pediatric burn patients: A consequence of delayed admissions. <i>Burns</i> , 2010, 36, 1185-1189.	1.1	12
26	Measurement of Body Composition in Burned Children: Is There a Gold Standard?. <i>Journal of Parenteral and Enteral Nutrition</i> , 2010, 34, 55-63.	1.3	23
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30	Burn-induced alterations in toll-like receptor-mediated responses by bronchoalveolar lavage cells. <i>Cytokine</i> , 2011, 55, 396-401.	1.4	24
31	mTOR partly mediates insulin resistance by phosphorylation of insulin receptor substrate-1 on serine307 residues after burn. <i>Burns</i> , 2011, 37, 86-93.	1.1	11
32	Burns and fire disasters from leaking petroleum pipes in Lagos, Nigeria: An 8-year experience. <i>Burns</i> , 2011, 37, 145-152.	1.1	17
33	Characteristics of paediatric burns seen at a tertiary centre in a low income country: A five year (2004-2008) study. <i>Burns</i> , 2011, 37, 528-534.	1.1	34
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37	The Hepatic Acute Phase Response to Thermal Injury. , 2011, , .		0

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39	Long-Term Persistence of the Pathophysiologic Response to Severe Burn Injury. PLoS ONE, 2011, 6, e21245.	1.1	487
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41	Skeletal Muscle Is Anabolically Unresponsive to an Amino Acid Infusion in Pediatric Burn Patients 6 Months Postinjury. Annals of Surgery, 2011, 253, 592-597.	2.1	18
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45	Propranolol decreases cardiac work in a dose-dependent manner in severely burned children. Surgery, 2011, 149, 231-239.	1.0	71
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47	Evaluation of human brain damage in fire fatality by quantification of basic fibroblast growth factor (bFGF), glial fibrillary acidic protein (GFAP) and single-stranded DNA (ssDNA) immunoreactivities. Forensic Science International, 2011, 211, 19-26.	1.3	11
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52	Anesthesia for burned patients. , 2012, , 173-198.e6.		3
53	The immunological response and strategies for intervention. , 2012, , 265-276.e6.		2
54	The hepatic response to thermal injury. , 2012, , 301-312.e4.		1
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57	Special considerations of age. , 2012, , 405-414.e2.		3
58	Mitigation of burn-induced hypermetabolic and catabolic response during convalescence. , 2012, , 565-570.e1.		0
59	The effect of obesity on adverse outcomes and metabolism in pediatric burn patients. International Journal of Obesity, 2012, 36, 485-490.	1.6	29
60	Pediatric burn injuries. International Journal of Critical Illness and Injury Science, 2012, 2, 128.	0.2	65
61	Severe Injury Is Associated With Insulin Resistance, Endoplasmic Reticulum Stress Response, and Unfolded Protein Response. Annals of Surgery, 2012, 255, 370-378.	2.1	99
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72	The effect of exercise training on pulmonary function and aerobic capacity in adults with burn. Burns, 2012, 38, 607-613.	1.1	45
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76	Hyperglycemia Exacerbates Burn-Induced Liver Inflammation via Noncanonical Nuclear Factor- κ B Pathway Activation. Molecular Medicine, 2012, 18, 948-956.	1.9	16
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80	Proteomics Improves the Prediction of Burns Mortality: Results from Regression Spline Modeling. Clinical and Translational Science, 2012, 5, 243-249.	1.5	18
81	Endoplasmic reticulum stress and insulin resistance post-trauma: similarities to type 2 diabetes. Journal of Cellular and Molecular Medicine, 2012, 16, 437-444.	1.6	32
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83	Understanding the causes of hyperglycemia in burn patients. Journal of Surgical Research, 2013, 182, 205-206.	0.8	1
84	The impact of severe burns on skeletal muscle mitochondrial function. Burns, 2013, 39, 1039-1047.	1.1	61
85	Acetylation and deacetylation—novel factors in muscle wasting. Metabolism: Clinical and Experimental, 2013, 62, 1-11.	1.5	58
86	Medical management of paediatric burn injuries: Best practice part 2. Journal of Paediatrics and Child Health, 2013, 49, E397-404.	0.4	8
87	Clinical review: Glucose control in severely burned patients - current best practice. Critical Care, 2013, 17, 232.	2.5	42
88	Association of Postburn Fatty Acids and Triglycerides with Clinical Outcome in Severely Burned Children. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 314-321.	1.8	39
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#	ARTICLE	IF	CITATIONS
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97	The Surgically Induced Stress Response. Journal of Parenteral and Enteral Nutrition, 2013, 37, 21S-9S.	1.3	262
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101	Electroacupuncture improves burn-induced impairment in gastric motility mediated via the vagal mechanism in rats. Neurogastroenterology and Motility, 2013, 25, 807.	1.6	37
102	Vagal nerve stimulation protects cardiac injury by attenuating mitochondrial dysfunction in a murine burn injury model. Journal of Cellular and Molecular Medicine, 2013, 17, 664-671.	1.6	26
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106	Effects of Metformin on Burn-Induced Hepatic Endoplasmic Reticulum Stress in Male Rats. Molecular Medicine, 2013, 19, 1-6.	1.9	15
107	Thrombocytopenia induces multiple intracranial hemorrhages in patients with severe burns: A review of 16 cases. Experimental and Therapeutic Medicine, 2013, 6, 223-227.	0.8	1
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110	Establishment and Assessment of New Formulas for Energy Consumption Estimation in Adult Burn Patients. PLoS ONE, 2014, 9, e110409.	1.1	9

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111	Atrial Fibrillation in Elderly Burn Patients. <i>American Surgeon</i> , 2014, 80, 623-624.	0.4	3
112	Changes in Fat Distribution in Children Following Severe Burn Injury. <i>Metabolic Syndrome and Related Disorders</i> , 2014, 12, 523-526.	0.5	12
113	Hypoglycemia Is Associated With Increased Postburn Morbidity and Mortality in Pediatric Patients*. <i>Critical Care Medicine</i> , 2014, 42, 1221-1231.	0.4	33
114	An alteration of the gut-liver axis drives pulmonary inflammation after intoxication and burn injury in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, G711-G718.	1.6	27
115	Protective Effect of Polydatin Against Burn-Induced Lung Injury in Rats. <i>Respiratory Care</i> , 2014, 59, 1412-1421.	0.8	29
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119	Early Rehabilitative Exercise Training in the Recovery from Pediatric Burn. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1710-1716.	0.2	54
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121	Extracorporeal blood purification in burns: A review. <i>Burns</i> , 2014, 40, 1071-1078.	1.1	19
122	Burns in children: standard and new treatments. <i>Lancet, The</i> , 2014, 383, 1168-1178.	6.3	95
123	Melatonin protection against burn-induced liver injury. A review. <i>Open Medicine (Poland)</i> , 2014, 9, 148-158.	0.6	5
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125	Insulin effects on glucose tolerance, hypermetabolic response, and circadian-metabolic protein expression in a rat burn and disuse model. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R1-R10.	0.9	16
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130	Use of 1H-nuclear magnetic resonance to screen a set of biomarkers for monitoring metabolic disturbances in severe burn patients. <i>Critical Care</i> , 2014, 18, R159.	2.5	17
131	The endocrine response to severe burn trauma. <i>Expert Review of Endocrinology and Metabolism</i> , 2014, 9, 45-59.	1.2	2
132	Histomorphometric Analysis of Early Epithelialization and Dermal Changes in Midâ€™Partial-Thickness Burn Wounds in Humans Treated With Porcine Small Intestinal Submucosa and Silver-Containing Hydrofiber. <i>Journal of Burn Care and Research</i> , 2014, 35, e330-e337.	0.2	17
133	Evaluation of Intragastric Vs Intraperitoneal Glucose Tolerance Tests in the Evaluation of Insulin Resistance in a Rodent Model of Burn Injury and Glucagon-Like Polypeptide-1 Treatment. <i>Journal of Burn Care and Research</i> , 2014, 35, e66-e72.	0.2	13
134	Survivors Versus Nonsurvivors Postburn. <i>Annals of Surgery</i> , 2014, 259, 814-823.	2.1	110
135	The Role of Aryl Hydrocarbon Receptor in Interleukin-23-Dependent Restoration of Interleukin-22 Following Ethanol Exposure and Burn Injury. <i>Annals of Surgery</i> , 2014, 259, 582-590.	2.1	11
136	Occurrence of Multiorgan Dysfunction in Pediatric Burn Patients. <i>Annals of Surgery</i> , 2014, 259, 381-387.	2.1	56
137	Aerobic exercise training in modulation of aerobic physical fitness and balance of burned patients. <i>Journal of Physical Therapy Science</i> , 2015, 27, 585-589.	0.2	11
138	Long-term musculoskeletal morbidity after adult burn injury: a population-based cohort study. <i>BMJ Open</i> , 2015, 5, e009395.	0.8	39
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142	Influence of Cdp-Choline Administration on Early Burn Edema in Rats. <i>Annals of Plastic Surgery</i> , 2015, 75, 388-392.	0.5	3
143	Severe Burn Injury Induces Thermogenically Functional Mitochondria in Murine White Adipose Tissue. <i>Shock</i> , 2015, 44, 258-264.	1.0	38
144	Persistent inflammatory, immunosuppressed, catabolic syndrome (PICS): A new phenotype of multiple organ failure. <i>Journal of Advanced Nutritional and Human Metabolism</i> , 2015, 1, .	0.0	45
145	Time-Dependent and Organ-Specific Changes in Mitochondrial Function, Mitochondrial DNA Integrity, Oxidative Stress and Mononuclear Cell Infiltration in a Mouse Model of Burn Injury. <i>PLoS ONE</i> , 2015, 10, e0143730.	1.1	65
146	Therapeutic Approaches to Combatting Hypermetabolism in Severe Burn Injuries. <i>Journal of Intensive and Critical Care</i> , 2015, 01, .	0.2	8

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147	The utility of C-reactive protein and procalcitonin for sepsis diagnosis in critically burned patients: A preliminary study. <i>Plastic Surgery</i> , 2015, 23, 239-243.	0.4	14
148	Alternative Mechanism for White Adipose Tissue Lipolysis after Thermal Injury. <i>Molecular Medicine</i> , 2015, 21, 959-968.	1.9	17
150	The Role of Exercise in the Rehabilitation of Patients with Severe Burns. <i>Exercise and Sport Sciences Reviews</i> , 2015, 43, 34-40.	1.6	68
151	Serum from human burn victims impairs myogenesis and protein synthesis in primary myoblasts. <i>Frontiers in Physiology</i> , 2015, 6, 184.	1.3	29
152	Pathophysiologic Response to Burns in the Elderly. <i>EBioMedicine</i> , 2015, 2, 1536-1548.	2.7	110
153	Anthropometry, muscular strength and aerobic capacity up to 5 years after pediatric burns. <i>Burns</i> , 2015, 41, 1839-1846.	1.1	10
154	Increased admissions for musculoskeletal diseases after burns sustained during childhood and adolescence. <i>Burns</i> , 2015, 41, 1674-1682.	1.1	13
155	Apelin inhibits the activation of the nucleotide-binding domain and the leucine-rich, repeat-containing family, pyrin-containing 3 (NLRP3) inflammasome and ameliorates insulin resistance in severely burned rats. <i>Surgery</i> , 2015, 157, 1142-1152.	1.0	21
156	Effects of cholecalciferol supplementation and optimized calcium intakes on vitamin D status, muscle strength and bone health: A one-year pilot randomized controlled trial in adults with severe burns. <i>Burns</i> , 2015, 41, 317-325.	1.1	45
157	Effects of pharmacological interventions on muscle protein synthesis and breakdown in recovery from burns. <i>Burns</i> , 2015, 41, 649-657.	1.1	54
158	Selective decontamination of the digestive tract ameliorates severe burn-induced insulin resistance in rats. <i>Burns</i> , 2015, 41, 1076-1085.	1.1	11
159	Browning of Subcutaneous White Adipose Tissue in Humans after Severe Adrenergic Stress. <i>Cell Metabolism</i> , 2015, 22, 219-227.	7.2	331
160	Practice of first aid in burn related injuries in a developing country. <i>Burns</i> , 2015, 41, 1322-1332.	1.1	43
161	Long-term mortality among older adults with burn injury: a population-based study in Australia. <i>Bulletin of the World Health Organization</i> , 2015, 93, 400-406.	1.5	63
162	Evolving paradigms in the nutritional support of critically ill surgical patients. <i>Current Problems in Surgery</i> , 2015, 52, 147-182.	0.6	35
163	Inhibition of Stat3 Activation Suppresses Caspase-3 and the Ubiquitin-Proteasome System, Leading to Preservation of Muscle Mass in Cancer Cachexia. <i>Journal of Biological Chemistry</i> , 2015, 290, 11177-11187.	1.6	164
164	Mortality After Burn Injury in Children: A 33-year Population-Based Study. <i>Pediatrics</i> , 2015, 135, e903-e910.	1.0	76
165	Morbidity and Survival Probability in Burn Patients in Modern Burn Care*. <i>Critical Care Medicine</i> , 2015, 43, 808-815.	0.4	152

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166	Predictive Value of IL-8 for Sepsis and Severe Infections After Burn Injury. <i>Shock</i> , 2015, 43, 222-227.	1.0	94
167	Integrity of airway epithelium in pediatric burn autopsies: Association with age and extent of burn injury. <i>Burns</i> , 2015, 41, 1435-1441.	1.1	9
168	Long-term Effects of Pediatric Burns on the Circulatory System. <i>Pediatrics</i> , 2015, 136, e1323-e1330.	1.0	40
169	Long term mortality in a population-based cohort of adolescents, and young and middle-aged adults with burn injury in Western Australia: A 33-year study. <i>Accident Analysis and Prevention</i> , 2015, 85, 118-124.	3.0	34
170	Stem cell therapies for wounds. , 2016, , 177-200.		2
171	Intraluminal Flagellin Differentially Contributes to Gut Dysbiosis and Systemic Inflammation following Burn Injury. <i>PLoS ONE</i> , 2016, 11, e0166770.	1.1	15
172	Effectiveness of resistance strength training in children and adolescents with ≥30% total body surface area: A systematic review. <i>South African Journal of Physiotherapy</i> , 2016, 72, 303.	0.3	1
173	Impaired Immune Response in Elderly Burn Patients. <i>Annals of Surgery</i> , 2016, 264, 195-202.	2.1	50
174	Burned Adults Develop Profound Glucose Intolerance. <i>Critical Care Medicine</i> , 2016, 44, 1059-1066.	0.4	22
175	Early leukocyte gene expression associated with age, burn size, and inhalation injury in severely burned adults. <i>Journal of Trauma and Acute Care Surgery</i> , 2016, 80, 250-257.	1.1	26
176	The efficacy and safety of adrenergic blockade after burn injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2016, 80, 146-155.	1.1	44
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251	Pathophysiological Response to Burn Injury in Adults. <i>Annals of Surgery</i> , 2018, 267, 576-584.	2.1	114
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258	Effects of a restrictive blood transfusion protocol on acute pediatric burn care: Transfusion threshold in pediatric burns. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 85, 1048-1054.	1.1	13
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262	Renal Replacement Therapy in Severe Burns: A Multicenter Observational Study. <i>Journal of Burn Care and Research</i> , 2018, 39, 1017-1021.	0.2	27
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265	The Hepatic Response to Thermal Injury. , 2018, , 259-267.e3.		5
266	Nutritional Needs and Support for the Burned Patient. , 2018, , 287-300.e2.		5
267	Modulation of the Hypermetabolic Response after Burn Injury. , 2018, , 301-306.e3.		7
268	Etiology and Prevention of Multisystem Organ Failure. , 2018, , 307-317.e5.		4
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289	Mitochondrial DNA-Induced Inflammatory Responses and Lung Injury in Thermal Injury Murine Model: Protective Effect of Cyclosporine-A. <i>Journal of Burn Care and Research</i> , 2019, 40, 355-360.	0.2	25
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295	Effects of Community-Based Exercise in Adults With Severe Burns: A Randomized Controlled Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2020, 101, S36-S41.	0.5	10
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305	Current problems in burn hypermetabolism. <i>Current Problems in Surgery</i> , 2020, 57, 100709.	0.6	18
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313	Role and mechanism of PI3K/AKT/FoxO1/PDX-1 signaling pathway in functional changes of pancreatic islets in rats after severe burns. <i>Life Sciences</i> , 2020, 258, 118145.	2.0	19
314	Six-minute walk test in burned subjects: Applicability, reproducibility and performance at hospital discharge. <i>Burns</i> , 2020, 46, 1540-1547.	1.1	4
315	Burn Shock and Resuscitation: Many Priorities, One Goal. , 0, , .		5
316	Pathological Responses of Cardiac Mitochondria to Burn Trauma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6655.	1.8	7
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324	Burns: modified metabolism and the nuances of nutrition therapy. <i>Journal of Wound Care</i> , 2020, 29, 184-191.	0.5	9
325	Early Enteral Nutrition in Geriatric Burn Patients: Is There a Benefit?. <i>Journal of Burn Care and Research</i> , 2020, 41, 986-991.	0.2	4
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328	Effectiveness and mechanism study of glutamine on alleviating hypermetabolism in burned rats. <i>Nutrition</i> , 2020, 79-80, 110934.	1.1	4
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333	Burn injury. <i>Nature Reviews Disease Primers</i> , 2020, 6, 11.	18.1	564
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336	Burns as the Outlier in Early Enteral Nutrition in Critical Illness. <i>Current Surgery Reports</i> , 2020, 8, 1.	0.4	1
337	Evaluation of Tp-e interval and Tp-e/QT ratio in major burn patients. <i>Journal of Electrocardiology</i> , 2020, 60, 67-71.	0.4	2
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339	Influence of burn severity on endothelial glycocalyx shedding following thermal trauma: A prospective observational study. <i>Burns</i> , 2021, 47, 621-627.	1.1	8
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342	Predictability of exercise capacity following pediatric burns: a preliminary investigation. <i>Disability and Rehabilitation</i> , 2021, 43, 703-712.	0.9	1
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