

Marc G Jeschke

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

206
papers

8,993
citations

50
h-index

89
g-index

308
ext. papers

10,975
ext. citations

5
avg, IF

6.47
L-index

#	Paper	IF	Citations
206	Large animal models of thermal injury.. <i>Methods in Cell Biology</i> , 2022 , 168, 191-219	1.8	
205	Small animal models of thermal injury.. <i>Methods in Cell Biology</i> , 2022 , 168, 161-189	1.8	0
204	Aging Impairs the Cellular Interplay between Myeloid Cells and Mesenchymal Cells during Skin Healing in Mice. 2022 , 13, 540-551		
203	NLRP3 knockout enhances immune infiltration and inflammatory responses and improves survival in a burn sepsis model. <i>Immunology</i> , 2021 ,	7.8	2
202	Development and validation of a screening tool for early identification of bloodstream infection in acute burn injury patients. <i>Surgery</i> , 2021 , 170, 525-531	3.6	1
201	Interleukin-6 blockade, a potential adjunct therapy for post-burn hypermetabolism. <i>FASEB Journal</i> , 2021 , 35, e21596	0.9	1
200	112 Outbreak of Carbapenemase-Producing Enterobacteriaceae in a Regional Burn Centre. <i>Journal of Burn Care and Research</i> , 2021 , 42, S75-S75	0.8	
199	Contemporary Aspects of Burn Care. <i>Medicina (Lithuania)</i> , 2021 , 57,	3.1	1
198	Reply to The Letter to The Editor: Adipocyte Browning in Response to Trauma: Some Important Methodological Considerations. <i>Shock</i> , 2021 , 56, 871-873	3.4	
197	Burn-induced hypermetabolism and skeletal muscle dysfunction. <i>American Journal of Physiology - Cell Physiology</i> , 2021 , 321, C58-C71	5.4	2
196	Beyond mitochondria: Alternative energy-producing pathways from all strata of life. <i>Metabolism: Clinical and Experimental</i> , 2021 , 118, 154733	12.7	5
195	Adipose-specific ATGL ablation reduces burn injury-induced metabolic derangements in mice. <i>Clinical and Translational Medicine</i> , 2021 , 11, e417	5.7	6
194	Serum amyloid A: An inflammatory adipokine mediating postburn outcomes. <i>Clinical and Translational Medicine</i> , 2021 , 11, e412	5.7	0
193	Sepsis Definitions in Burns. <i>Surgical Infections</i> , 2021 , 22, 28-36	2	3
192	Why Are Infections Important in Burn Patients?. <i>Surgical Infections</i> , 2021 , 22, 1-2	2	
191	Thermal Stress Induces Long-Term Remodeling of Adipose Tissue and Is Associated with Systemic Dysfunction. <i>Shock</i> , 2021 , 56, 744-754	3.4	4
190	Ventilation practices in burn patients-an international prospective observational cohort study.. <i>Burns and Trauma</i> , 2021 , 9, tkab034	5.3	0

189	Skin regeneration is accelerated by a lower dose of multipotent mesenchymal stromal/stem cells-a paradigm change. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 82	8.3	7
188	Retrospective Study of Patients With SJS/TEN Treated at a Tertiary Burn Unit in Canada: Overview of 17 Years of Treatment. <i>Journal of Cutaneous Medicine and Surgery</i> , 2021 , 25, 271-280	1.6	2
187	Biological characteristics of stem cells derived from burned skin-a comparative study with umbilical cord stem cells. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 137	8.3	2
186	Adipose browning response to burn trauma is impaired with aging. <i>JCI Insight</i> , 2021 , 6,	9.9	2
185	Stem Cell Therapy for Burns: Story so Far. <i>Biologics: Targets and Therapy</i> , 2021 , 15, 379-397	4.4	2
184	CNS-Spleen Axis - a Close Interplay in Mediating Inflammatory Responses in Burn Patients and a Key to Novel Burn Therapeutics. <i>Frontiers in Immunology</i> , 2021 , 12, 720221	8.4	0
183	Oxandrolone in the Treatment of Burn Injuries: A Systematic Review and Meta-analysis. <i>Journal of Burn Care and Research</i> , 2020 , 41, 190-199	0.8	6
182	Advancing Toward Precision Medicine in Trauma. <i>Annals of Surgery</i> , 2020 , 271, 811-812	7.8	
181	Scientific Impact and Clinical Influence: Identifying Landmark Studies in Burns. <i>Journal of Burn Care and Research</i> , 2020 , 41, 1240-1252	0.8	2
180	Burns in the Elderly: Potential Role of Stem Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
179	NLRP3 Inflammasome in Inflammation and Metabolism: Identifying Novel Roles in Postburn Adipose Dysfunction. <i>Endocrinology</i> , 2020 , 161,	4.8	4
178	Burn injury. <i>Nature Reviews Disease Primers</i> , 2020 , 6, 11	51.1	147
177	Handheld instrument for wound-conformal delivery of skin precursor sheets improves healing in full-thickness burns. <i>Biofabrication</i> , 2020 , 12, 025002	10.5	27
176	State of the Science Burn Research: Burns in the Elderly. <i>Journal of Burn Care and Research</i> , 2020 , 41, 65-83	0.8	9
175	Regulation of glycolysis and the Warburg effect in wound healing. <i>JCI Insight</i> , 2020 , 5,	9.9	22
174	Metformin alleviates muscle wasting post-thermal injury by increasing Pax7-positive muscle progenitor cells. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 18	8.3	11
173	Inhibition of Lipolysis With Acipimox Attenuates Postburn White Adipose Tissue Browning and Hepatic Fat Infiltration. <i>Shock</i> , 2020 , 53, 137-145	3.4	8
172	Anabolic and anticatabolic agents used in burn care: What is known and what is yet to be learned. <i>Burns</i> , 2020 , 46, 19-32	2.3	5

171	NLRP3 inflammasome activity is required for wound healing after burns. <i>Translational Research</i> , 2020 , 217, 47-60	11	21
170	Increased proliferation of hepatic periportal ductal progenitor cells contributes to persistent hypermetabolism after trauma. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 1578-1587	5.6	1
169	Electrospun Polyurethane-Gelatin Composite: A New Tissue-Engineered Scaffold for Application in Skin Regeneration and Repair of Complex Wounds. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 505-516	5.5	20
168	Catecholamines Induce Endoplasmic Reticulum Stress Via Both Alpha and Beta Receptors. <i>Shock</i> , 2020 , 53, 476-484	3.4	6
167	Adipose Tissue Metabolic Function and Dysfunction: Impact of Burn Injury. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 599576	5.7	4
166	Activation of ER stress signalling increases mortality after a major trauma. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 9764-9773	5.6	6
165	NLRP3 inflammasome mediates white adipose tissue browning after burn. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 317, E751-E759	6	13
164	Metformin prevents the pathological browning of subcutaneous white adipose tissue. <i>Molecular Metabolism</i> , 2019 , 29, 12-23	8.8	21
163	The effect of diabetes on burn patients: a retrospective cohort study. <i>Critical Care</i> , 2019 , 23, 28	10.8	5
162	Acute Phase Response in Critically Ill Elderly Burn Patients. <i>Critical Care Medicine</i> , 2019 , 47, 201-209	1.4	9
161	The Impact of Introducing a Physical Medicine and Rehabilitation Consultation Service to an Academic Burn Center. <i>Journal of Burn Care and Research</i> , 2019 , 40, 648-651	0.8	0
160	Acute and long-term clinical, neuropsychological and return-to-work sequelae following electrical injury: a retrospective cohort study. <i>BMJ Open</i> , 2019 , 9, e025990	3	7
159	Current State of Selected Wound Regeneration Templates and Temporary Covers. <i>Current Trauma Reports</i> , 2019 , 5, 79-89	0.5	1
158	Dermal regenerative matrix use in burn patients: A systematic review. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2019 , 72, 1741-1751	1.7	8
157	Management and prevention of drug resistant infections in burn patients. <i>Expert Review of Anti-Infective Therapy</i> , 2019 , 17, 607-619	5.5	11
156	Aggregated and Hyperstable Damage-Associated Molecular Patterns Are Released During ER Stress to Modulate Immune Function. <i>Frontiers in Cell and Developmental Biology</i> , 2019 , 7, 198	5.7	7
155	Examining the contribution of surrounding intact skin during cutaneous healing. <i>Journal of Anatomy</i> , 2019 , 234, 523-531	2.9	3
154	Browning of white adipose tissue after a burn injury promotes hepatic steatosis and dysfunction. <i>Cell Death and Disease</i> , 2019 , 10, 870	9.8	22

153	Genome-wide comparisons of gene expression in adult versus elderly burn patients. <i>PLoS ONE</i> , 2019 , 14, e0226425	3.7	2
152	Allogeneic mesenchymal stem cells for treatment of severe burn injury. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 337	8.3	16
151	The Shock Society 2019-2021 Strategic Plan. <i>Shock</i> , 2019 , 52, 557-565	3.4	
150	Burn injury and multiple sclerosis: A retrospective case-control study. <i>Burns</i> , 2019 , 45, 247-252	2.3	
149	Properties of an ideal burn dressing: A survey of burn survivors and front-line burn healthcare providers. <i>Burns</i> , 2019 , 45, 364-368	2.3	8
148	Alternatively Activated Macrophages Drive Browning of White Adipose Tissue in Burns. <i>Annals of Surgery</i> , 2019 , 269, 554-563	7.8	20
147	The Cost of Burn Transfers: A Retrospective Review of 7 Years of Admissions to a Regional Burn Center. <i>Journal of Burn Care and Research</i> , 2018 , 39, 229-234	0.8	6
146	Patient With Scald Burn of the Esophagus. <i>Journal of Burn Care and Research</i> , 2018 , 39, 468-470	0.8	1
145	Metformin adapts its cellular effects to bioenergetic status in a model of metabolic dysfunction. <i>Scientific Reports</i> , 2018 , 8, 5646	4.9	12
144	Handheld skin printer: in situ formation of planar biomaterials and tissues. <i>Lab on A Chip</i> , 2018 , 18, 1440-1451	7.451	118
143	Nutrition support in burn injury 2018 , 351-357		
142	Are we headed for a shortage of burn care providers in Canada?. <i>Burns</i> , 2018 , 44, 1000-1004	2.3	8
141	Biomaterials for Skin Substitutes. <i>Advanced Healthcare Materials</i> , 2018 , 7, 1700897	10.1	88
140	Status and Challenges of Predicting and Diagnosing Sepsis in Burn Patients. <i>Surgical Infections</i> , 2018 , 19, 168-175	2	24
139	Pathophysiological Response to Burn Injury in Adults. <i>Annals of Surgery</i> , 2018 , 267, 576-584	7.8	55
138	Scar management in burn injuries using drug delivery and molecular signaling: Current treatments and future directions. <i>Advanced Drug Delivery Reviews</i> , 2018 , 123, 135-154	18.5	54
137	Severe Physical Complications among Survivors of Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis. <i>Drug Safety</i> , 2018 , 41, 277-284	5.1	26
136	Sepsis criteria versus clinical diagnosis of sepsis in burn patients: A validation of current sepsis scores. <i>Surgery</i> , 2018 , 164, 1241-1245	3.6	29

135	The Role of Serotonin during Skin Healing in Post-Thermal Injury. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	27
134	Exosomes from acellular Wharton's jelly of the human umbilical cord promotes skin wound healing. <i>Stem Cell Research and Therapy</i> , 2018 , 9, 193	8.3	38
133	The development of a treatment pathway for dermal regenerative matrix (DRM). <i>Burns</i> , 2018 , 44, 1767-1774	1	
132	Hepatic steatosis associated with decreased oxidation and mitochondrial function contributes to cell damage in obese mice after thermal injury. <i>Cell Death and Disease</i> , 2018 , 9, 530	9.8	14
131	Contributors to the length-of-stay trajectory in burn-injured patients. <i>Burns</i> , 2018 , 44, 2011-2017	2.3	12
130	Antioxidant and Trace Element Supplementation Reduce the Inflammatory Response in Critically Ill Burn Patients. <i>Journal of Burn Care and Research</i> , 2018 , 39, 1-9	0.8	16
129	Toxic Epidermal Necrolysis Spectrum Management at Sunnybrook Health Sciences Centre: Our Multidisciplinary Approach After Review of the Current Evidence. <i>Journal of Cutaneous Medicine and Surgery</i> , 2018 , 22, 213-219	1.6	4
128	Wound Coverage Technologies in Burn Care: Established Techniques. <i>Journal of Burn Care and Research</i> , 2018 , 39, 313-318	0.8	11
127	Septic predictor index: A novel platform to identify thermally injured patients susceptible to sepsis. <i>Surgery</i> , 2018 , 163, 409-414	3.6	12
126	Stem cells derived from burned skin - The future of burn care. <i>EBioMedicine</i> , 2018 , 37, 509-520	8.8	29
125	5-HT1A Receptor Function Makes Wound Healing a Happier Process. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1406	5.6	11
124	NLRP3 Inflammasome Modulates Post-Burn Lipolysis and Hepatic Fat Infiltration via Fatty Acid Synthase. <i>Scientific Reports</i> , 2018 , 8, 15197	4.9	16
123	Re: Concerns about the study of Septic Predictor Index as a novel tool in detecting thermally injured patients susceptible to sepsis. <i>Surgery</i> , 2018 , 164, 1126-1134	3.6	
122	The accuracy of burn diagnosis codes in health administrative data: A validation study. <i>Burns</i> , 2017 , 43, 258-264	2.3	13
121	The biochemical alterations underlying post-burn hypermetabolism. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 2633-2644	6.9	50
120	A Surgical Device to Study the Efficacy of Bioengineered Skin Substitutes in Mice Wound Healing Models. <i>Tissue Engineering - Part C: Methods</i> , 2017 , 23, 237-242	2.9	15
119	The influence of substance misuse on clinical outcomes following burn. <i>Burns</i> , 2017 , 43, 1493-1498	2.3	11
118	Modeling Acute ER Stress in Vivo and in Vitro. <i>Shock</i> , 2017 , 47, 506-513	3.4	43

117	Burn Care of the Elderly. <i>Journal of Burn Care and Research</i> , 2017 , 38, e625-e628	0.8	18
116	A prospective study evaluating tobramycin pharmacokinetics and optimal once daily dosing in burn patients. <i>Burns</i> , 2017 , 43, 1766-1774	2.3	9
115	IL-6 Signal From the Bone Marrow is Required for the Browning of White Adipose Tissue Post Burn Injury. <i>Shock</i> , 2017 , 47, 33-39	3.4	35
114	Review of Adult Electrical Burn Injury Outcomes Worldwide: An Analysis of Low-Voltage vs High-Voltage Electrical Injury. <i>Journal of Burn Care and Research</i> , 2017 , 38, e293-e298	0.8	47
113	The response of muscle progenitor cells to cutaneous thermal injury. <i>Stem Cell Research and Therapy</i> , 2017 , 8, 234	8.3	7
112	Hepatic mitochondrial bioenergetics in aged C57BL/6 mice exhibit delayed recovery from severe burn injury. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 2705-2714	6.9	13
111	Burn center care reduces acute health care utilization after discharge: A population-based analysis of 1,895 survivors of major burn injury. <i>Surgery</i> , 2017 , 162, 891-900	3.6	10
110	Association Between Burn Injury and Mental Illness among Burn Survivors: A Population-Based, Self-Matched, Longitudinal Cohort Study. <i>Journal of the American College of Surgeons</i> , 2017 , 225, 516-524	4.4	23
109	"Hold the Pendulum: Rates of Acute Kidney Injury Are Increased in Patients Who Receive Resuscitation Volumes Less Than Predicted by the Parkland Equation". <i>Annals of Surgery</i> , 2017 , 266, e108	7.8	3
108	A RandomizEd trial of ENtERal Glutamine to minimIZe thermal injury (The RE-ENERGIZE Trial): a clinical trial protocol. <i>Scars, Burns & Healing</i> , 2017 , 3, 2059513117745241	2.2	11
107	Taming the Flames: Targeting White Adipose Tissue Browning in Hypermetabolic Conditions. <i>Endocrine Reviews</i> , 2017 , 38, 538-549	27.2	28
106	Acellular Gelatinous Material of Human Umbilical Cord Enhances Wound Healing: A Candidate Remedy for Deficient Wound Healing. <i>Frontiers in Physiology</i> , 2017 , 8, 200	4.6	16
105	Unusual Relationship: Do Organs Talk to Each Other?. <i>Critical Care Medicine</i> , 2016 , 44, 1950-1	1.4	1
104	Infection in Burns. <i>Surgical Infections</i> , 2016 , 17, 250-5	2	126
103	Hold the Pendulum: Rates of Acute Kidney Injury are Increased in Patients Who Receive Resuscitation Volumes Less than Predicted by the Parkland Equation. <i>Annals of Surgery</i> , 2016 , 264, 1142-1147	7.8	33
102	Palmitate differentially regulates the polarization of differentiating and differentiated macrophages. <i>Immunology</i> , 2016 , 147, 82-96	7.8	27
101	Threshold age and burn size associated with poor outcomes in the elderly after burn injury. <i>Burns</i> , 2016 , 42, 276-81	2.3	50
100	Alternative Mechanism for White Adipose Tissue Lipolysis after Thermal Injury. <i>Molecular Medicine</i> , 2016 , 21, 959-968	6.2	16

99	Advances in Liver Regeneration: Revisiting Hepatic Stem/Progenitor Cells and Their Origin. <i>Stem Cells International</i> , 2016 , 2016, 7920897	5	21
98	Impaired Immune Response in Elderly Burn Patients: New Insights Into the Immune-senescence Phenotype. <i>Annals of Surgery</i> , 2016 , 264, 195-202	7.8	40
97	Major psychological complications and decreased health-related quality of life among survivors of Stevens-Johnson syndrome and toxic epidermal necrolysis. <i>British Journal of Dermatology</i> , 2016 , 175, 422-4	4	47
96	Burned Adults Develop Profound Glucose Intolerance. <i>Critical Care Medicine</i> , 2016 , 44, 1059-66	1.4	15
95	Fibrin biomatrix-conjugated platelet-derived growth factor AB accelerates wound healing in severe thermal injury. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016 , 10, E275-85	4.4	18
94	White Adipose Tissue Browning: A Double-edged Sword. <i>Trends in Endocrinology and Metabolism</i> , 2016 , 27, 542-552	8.8	62
93	Glucose Control in Severely Burned Patients Using Metformin: An Interim Safety and Efficacy Analysis of a Phase II Randomized Controlled Trial. <i>Annals of Surgery</i> , 2016 , 264, 518-27	7.8	39
92	Morbidity and mortality in severely burned children with Clostridium difficile-associated diarrhea. <i>Surgery</i> , 2016 , 159, 1631-1637	3.6	6
91	Methodologies in creating skin substitutes. <i>Cellular and Molecular Life Sciences</i> , 2016 , 73, 3453-72	10.3	70
90	Cellularized Bilayer Pullulan-Gelatin Hydrogel for Skin Regeneration. <i>Tissue Engineering - Part A</i> , 2016 , 22, 754-64	3.9	38
89	Postburn Hypermetabolism: Past, Present, and Future. <i>Journal of Burn Care and Research</i> , 2016 , 37, 86-96.8		44
88	Hypertrophic scarring: the greatest unmet challenge after burn injury. <i>Lancet, The</i> , 2016 , 388, 1427-1436.40		246
87	Endoplasmic reticulum stress in adipose tissue augments lipolysis. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 82-91	5.6	29
86	A comparison of Biobrane and cadaveric allograft for temporizing the acute burn wound: Cost and procedural time. <i>Burns</i> , 2015 , 41, 749-53	2.3	27
85	Morbidity and survival probability in burn patients in modern burn care. <i>Critical Care Medicine</i> , 2015 , 43, 808-15	1.4	107
84	Treatment of toxic epidermal necrolysis in North America. <i>Journal of the American Academy of Dermatology</i> , 2015 , 73, 876-7.e2	4.5	12
83	An Ounce of Prevention Saves Tons of Lives: Infection in Burns. <i>Surgical Infections</i> , 2015 , 16, 380-7	2	17
82	Burn Induces Browning of the Subcutaneous White Adipose Tissue in Mice and Humans. <i>Cell Reports</i> , 2015 , 13, 1538-44	10.6	113

81	Therapeutic Approaches to Combatting Hypermetabolism in Severe Burn Injuries. <i>Journal of Intensive and Critical Care</i> , 2015 , 01,	3	6
80	Reliable scar scoring system to assess photographs of burn patients. <i>Journal of Surgical Research</i> , 2015 , 199, 688-97	2.5	14
79	Pathophysiologic Response to Burns in the Elderly. <i>EBioMedicine</i> , 2015 , 2, 1536-48	8.8	75
78	Burns in children: standard and new treatments. <i>Lancet, The</i> , 2014 , 383, 1168-78	40	67
77	Differences between murine and human sepsis. <i>Surgical Clinics of North America</i> , 2014 , 94, 1135-49	4	16
76	The use of dermal substitutes in burn surgery: acute phase. <i>Wound Repair and Regeneration</i> , 2014 , 22, 14-22	3.6	120
75	IDH1 regulates phospholipid metabolism in developing astrocytes. <i>Neuroscience Letters</i> , 2014 , 582, 87-93	3.3	6
74	New molecular medicine-based scar management strategies. <i>Burns</i> , 2014 , 40, 539-51	2.3	33
73	Bacterial respiratory tract infections are promoted by systemic hyperglycemia after severe burn injury in pediatric patients. <i>Burns</i> , 2014 , 40, 428-35	2.3	16
72	Survivors versus nonsurvivors postburn: differences in inflammatory and hypermetabolic trajectories. <i>Annals of Surgery</i> , 2014 , 259, 814-23	7.8	87
71	Occurrence of multiorgan dysfunction in pediatric burn patients: incidence and clinical outcome. <i>Annals of Surgery</i> , 2014 , 259, 381-7	7.8	42
70	Hypoglycemia is associated with increased postburn morbidity and mortality in pediatric patients. <i>Critical Care Medicine</i> , 2014 , 42, 1221-31	1.4	25
69	Stress hyperglycemia, insulin treatment, and innate immune cells. <i>International Journal of Endocrinology</i> , 2014 , 2014, 486403	2.7	65
68	Human Wharton's jelly mesenchymal stem cells promote skin wound healing through paracrine signaling. <i>Stem Cell Research and Therapy</i> , 2014 , 5, 28	8.3	109
67	Leukocyte infiltration and activation of the NLRP3 inflammasome in white adipose tissue following thermal injury. <i>Critical Care Medicine</i> , 2014 , 42, 1357-64	1.4	40
66	Burn plus lipopolysaccharide augments endoplasmic reticulum stress and NLRP3 inflammasome activation and reduces PGC-1 α in liver. <i>Shock</i> , 2014 , 41, 138-44	3.4	31
65	Up-to-date approach to manage keloids and hypertrophic scars: a useful guide. <i>Burns</i> , 2014 , 40, 1255-66	2.3	187
64	Clinical review: Glucose control in severely burned patients - current best practice. <i>Critical Care</i> , 2013 , 17, 232	10.8	33

63	Fenofibrate does not affect burn-induced hepatic endoplasmic reticulum stress. <i>Journal of Surgical Research</i> , 2013 , 185, 733-9	2.5	
62	Mild obesity is protective after severe burn injury. <i>Annals of Surgery</i> , 2013 , 258, 1119-29	7.8	34
61	Wound coverage technologies in burn care: novel techniques. <i>Journal of Burn Care and Research</i> , 2013 , 34, 612-20	0.8	33
60	Perturbed mononuclear phagocyte system in severely burned and septic patients. <i>Shock</i> , 2013 , 40, 81-8	3.4	33
59	Effects of metformin on burn-induced hepatic endoplasmic reticulum stress in male rats. <i>Molecular Medicine</i> , 2013 , 19, 1-6	6.2	12
58	XBP-1s is linked to suppressed gluconeogenesis in the Ebb phase of burn injury. <i>Molecular Medicine</i> , 2013 , 19, 72-8	6.2	7
57	Can we use C-reactive protein levels to predict severe infection or sepsis in severely burned patients?. <i>International Journal of Burns and Trauma</i> , 2013 , 3, 137-43	0.4	26
56	Hepatic apoptosis postburn is mediated by c-Jun N-terminal kinase 2. <i>Shock</i> , 2013 , 39, 183-8	3.4	10
55	Endoplasmic reticulum stress and insulin resistance post-trauma: similarities to type 2 diabetes. <i>Journal of Cellular and Molecular Medicine</i> , 2012 , 16, 437-44	5.6	19
54	Burn size and survival probability in paediatric patients in modern burn care: a prospective observational cohort study. <i>Lancet, The</i> , 2012 , 379, 1013-21	4.0	124
53	The properties of an "ideal" burn wound dressing--what do we need in daily clinical practice? Results of a worldwide online survey among burn care specialists. <i>Burns</i> , 2012 , 38, 960-6	2.3	95
52	The effect of ketoconazole on post-burn inflammation, hypermetabolism and clinical outcomes. <i>PLoS ONE</i> , 2012 , 7, e35465	3.7	23
51	Propranolol improves impaired hepatic phosphatidylinositol 3-kinase/akt signaling after burn injury. <i>Molecular Medicine</i> , 2012 , 18, 707-11	6.2	26
50	Severe injury is associated with insulin resistance, endoplasmic reticulum stress response, and unfolded protein response. <i>Annals of Surgery</i> , 2012 , 255, 370-8	7.8	76
49	Enteral nutrition support in burn care: a review of current recommendations as instituted in the Ross Tilley Burn Centre. <i>Nutrients</i> , 2012 , 4, 1554-65	6.7	43
48	Salt-inducible kinase 1 links p300 phosphorylation to CREB regulated gluconeogenesis post burn. <i>FASEB Journal</i> , 2012 , 26, 758.7	0.9	
47	Insulin protects against hepatic damage postburn. <i>Molecular Medicine</i> , 2011 , 17, 516-22	6.2	37
46	Stem Cell Therapy: A New Treatment for Burns?. <i>Pharmaceuticals</i> , 2011 , 4, 1355-1380	5.2	48

45	Long-term persistence of the pathophysiologic response to severe burn injury. <i>PLoS ONE</i> , 2011 , 6, e212457	3.7	360
44	Is there a difference in clinical outcomes, inflammation, and hypermetabolism between scald and flame burn?. <i>Pediatric Critical Care Medicine</i> , 2011 , 12, e275-81	3	19
43	Burns: where are we standing with propranolol, oxandrolone, recombinant human growth hormone, and the new incretin analogs?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2011 , 14, 176-81	3.8	50
42	Hypertrophic scarring and keloids: pathomechanisms and current and emerging treatment strategies. <i>Molecular Medicine</i> , 2011 , 17, 113-25	6.2	797
41	Long-term oxandrolone treatment increases muscle protein net deposition via improving amino acid utilization in pediatric patients 6 months after burn injury. <i>Surgery</i> , 2011 , 149, 645-53	3.6	33
40	Nutrition in burns: Galveston contributions. <i>Journal of Parenteral and Enteral Nutrition</i> , 2011 , 35, 704-14	4.2	82
39	Isolation and characterization of mesenchymal stem cells from the sub-amniotic human umbilical cord lining membrane. <i>Stem Cells and Development</i> , 2010 , 19, 491-502	4.4	139
38	Intensive insulin therapy in severely burned pediatric patients: a prospective randomized trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 351-9	10.2	156
37	Glucose control in severely thermally injured pediatric patients: what glucose range should be the target?. <i>Annals of Surgery</i> , 2010 , 252, 521-7; discussion 527-8	7.8	47
36	Post-burn hepatic insulin resistance is associated with endoplasmic reticulum (ER) stress. <i>Shock</i> , 2010 , 33, 299-305	3.4	46
35	Severe burn-induced endoplasmic reticulum stress and hepatic damage in mice. <i>Molecular Medicine</i> , 2009 , 15, 316-20	6.2	47
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26	A porcine model of full-thickness burn, excision and skin autografting. <i>Burns</i> , 2008 , 34, 1119-27	2.3	85
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24	Pathophysiologic response to severe burn injury. <i>Annals of Surgery</i> , 2008 , 248, 387-401	7.8	407
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22	Characterization of the inflammatory response during acute and post-acute phases after severe burn. <i>Shock</i> , 2008 , 30, 503-7	3.4	96
21	Temporal cytokine profiles in severely burned patients: a comparison of adults and children. <i>Molecular Medicine</i> , 2008 , 14, 553-60	6.2	137
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18	Gut mucosal homeostasis and cellular mediators after severe thermal trauma and the effect of insulin-like growth factor-I in combination with insulin-like growth factor binding protein-3. <i>Endocrinology</i> , 2007 , 148, 354-62	4.8	30
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15	Blood transfusions are associated with increased risk for development of sepsis in severely burned pediatric patients. <i>Critical Care Medicine</i> , 2007 , 35, 579-83	1.4	99
14	Propranolol does not increase inflammation, sepsis, or infectious episodes in severely burned children. <i>Journal of Trauma</i> , 2007 , 62, 676-81		57
13	Changes in liver function and size after a severe thermal injury. <i>Shock</i> , 2007 , 28, 172-7	3.4	88
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