

Amina El Ayadi

List of Publications by Year in descending order

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67
papers

911
citations

566801

15
h-index

476904

29
g-index

68
all docs

68
docs citations

68
times ranked

1574
citing authors

#	ARTICLE	IF	CITATIONS
1	shRNA targeting α -synuclein prevents neurodegeneration in a Parkinson's disease model. <i>Journal of Clinical Investigation</i> , 2015, 125, 2721-2735.	3.9	143
2	Current Approaches Targeting the Wound Healing Phases to Attenuate Fibrosis and Scarring. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1105.	1.8	117
3	Astrocyte-specific DJ-1 overexpression protects against rotenone-induced neurotoxicity in a rat model of Parkinson's disease. <i>Neurobiology of Disease</i> , 2018, 115, 101-114.	2.1	83
4	Ubiquilin-1 Is a Molecular Chaperone for the Amyloid Precursor Protein. <i>Journal of Biological Chemistry</i> , 2011, 286, 35689-35698.	1.6	80
5	Ubiquilin-1 regulates amyloid precursor protein maturation and degradation by stimulating K63-linked polyubiquitination of lysine 688. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13416-13421.	3.3	78
6	IGF-1 protects dopamine neurons against oxidative stress: association with changes in phosphokinases. <i>Experimental Brain Research</i> , 2016, 234, 1863-1873.	0.7	35
7	Ubiquilin-1 Overexpression Increases the Lifespan and Delays Accumulation of Huntingtin Aggregates in the R6/2 Mouse Model of Huntington's Disease. <i>PLoS ONE</i> , 2014, 9, e87513.	1.1	33
8	Low Concentrations of Methamphetamine Can Protect Dopaminergic Cells against a Larger Oxidative Stress Injury: Mechanistic Study. <i>PLoS ONE</i> , 2011, 6, e24722.	1.1	32
9	Reduced Postburn Hypertrophic Scarring and Improved Physical Recovery With Yearlong Administration of Oxandrolone and Propranolol. <i>Annals of Surgery</i> , 2018, 268, 431-441.	2.1	26
10	Characterization of Adipose-Derived Stem Cells Following Burn Injury. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 781-792.	5.6	23
11	Topically applied metal chelator reduces thermal injury progression in a rat model of brass comb burn. <i>Burns</i> , 2015, 41, 1775-1787.	1.1	22
12	Ubiquilin-1 and protein quality control in Alzheimer disease. <i>Prion</i> , 2013, 7, 164-169.	0.9	21
13	Adipose-derived stem cells improve grafted burn wound healing by promoting wound bed blood flow. <i>Burns and Trauma</i> , 2020, 8, tkaa009.	2.3	20
14	Role of Exosomes in Dermal Wound Healing: A Systematic Review. <i>Journal of Investigative Dermatology</i> , 2022, 142, 662-678.e8.	0.3	18
15	FAD Mutations in Amyloid Precursor Protein Do Not Directly Perturb Intracellular Calcium Homeostasis. <i>PLoS ONE</i> , 2010, 5, e11992.	1.1	17
16	Burn Trauma Acutely Increases the Respiratory Capacity and Function of Liver Mitochondria. <i>Shock</i> , 2018, 49, 466-473.	1.0	16
17	Inducible satellite cell depletion attenuates skeletal muscle regrowth following a scald burn injury. <i>Journal of Physiology</i> , 2017, 595, 6687-6701.	1.3	14
18	β -Adrenergic Receptor Trafficking, Degradation, and Cell Surface Expression Are Altered in Dermal Fibroblasts from Hypertrophic Scars. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1645-1655.	0.3	14

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19	The Calmodulin Regulator Protein, PEP-19, Sensitizes ATP-induced Ca ²⁺ Release. <i>Journal of Biological Chemistry</i> , 2013, 288, 2040-2048.	1.6	13
20	Effects of voltage-sensitive calcium channel blockers on extracellular dopamine levels in rat striatum. <i>Metabolic Brain Disease</i> , 2001, 16, 121-131.	1.4	12
21	Thermal injury initiates pervasive fibrogenesis in skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 319, C277-C287.	2.1	9
22	Buprenorphine-Sustained Release Alters Hemodynamic Parameters in a Rat Burn Model. <i>Journal of Surgical Research</i> , 2018, 232, 154-159.	0.8	8
23	Metal chelation reduces skin epithelial inflammation and rescues epithelial cells from toxicity due to thermal injury in a rat model. <i>Burns and Trauma</i> , 2020, 8, tkaa024.	2.3	8
24	Metal chelation attenuates oxidative stress, inflammation, and vertical burn progression in a porcine brass comb burn model. <i>Redox Biology</i> , 2021, 45, 102034.	3.9	8
25	The Role of Skin Substitutes in Acute Burn and Reconstructive Burn Surgery: An Updated Comprehensive Review. <i>Seminars in Plastic Surgery</i> , 2022, 36, 033-042.	0.8	8
26	The P50 Research Center in Perioperative Sciences. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 83, 532-542.	1.1	7
27	Biventricular differences in \hat{I}^2 -adrenergic receptor signaling following burn injury. <i>PLoS ONE</i> , 2017, 12, e0189527.	1.1	7
28	Biomarkers in Burn Patient Care. , 2018, , 232-235.e2.		6
29	Higher risk of acute kidney injury and death with rhabdomyolysis in severely burned patients. <i>Surgery</i> , 2022, 171, 1412-1416.	1.0	6
30	Therapeutic Strategies to Reduce Burn Wound Conversion. <i>Medicina (Lithuania)</i> , 2022, 58, 922.	0.8	5
31	Effects of the nephrlin peptide on post-burn glycemic control, renal function, fat and lean body mass, and wound healing. <i>International Journal of Burns and Trauma</i> , 2016, 6, 44-50.	0.2	4
32	Effect of N-(2-aminoethyl) ethanolamine on hypertrophic scarring changes in vitro: Finding novel anti-fibrotic therapies. <i>Toxicology and Applied Pharmacology</i> , 2019, 362, 9-19.	1.3	3
33	Positive effects of ferric iron on the systemic efficacy of nephrlin peptide in burn trauma. <i>Scars, Burns & Healing</i> , 2020, 6, 205951312092849.	0.6	3
34	Cafeteria Diet Impacts the Body Weight and Energy Expenditure of Brown Norway Rats in an Apparent Age Dependent Manner, but Has no Effect on Muscle Anabolic Sensitivity to Nutrition. <i>Frontiers in Nutrition</i> , 2021, 8, 719612.	1.6	3
35	Galunisertib Exerts Antifibrotic Effects on TGF- \hat{I}^2 -Induced Fibroproliferative Dermal Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6689.	1.8	3
36	Thermal injury induces early blood vessel occlusion in a porcine model of brass comb burn. <i>Scientific Reports</i> , 2021, 11, 12457.	1.6	2

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37	The Role of Beta-2 Adrenergic Receptors in Cardiac Bioenergetics Following Severe Burns. FASEB Journal, 2019, 33, lb281.	0.2	2
38	Early reduced bone formation following burn injury in rats is not inversely related to marrow adiposity. Osteoporosis and Sarcopenia, 2019, 5, 84-86.	0.7	1
39	4 Risk Association Between Race and Complications Following Burn. Journal of Burn Care and Research, 2022, 43, S7-S8.	0.2	1
40	Purification and Aggregation of the Amyloid Precursor Protein Intracellular Domain. Journal of Visualized Experiments, 2012, , e4204.	0.2	0
41	Oridonin Inhibits Burn Injury-Induced Activation and Inflammatory Signaling of Hepatic Stellate Cells. Journal of the American College of Surgeons, 2014, 219, S41-S42.	0.2	0
42	21 Navigating Controversial Therapies for Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis Syndrome Using Large Database Analysis. Journal of Burn Care and Research, 2021, 42, S19-S19.	0.2	0
43	597 Non-Survival Distributions in Paediatric Burn Patients; A Comparative Study of Two National Databases. Journal of Burn Care and Research, 2021, 42, S150-S150.	0.2	0
44	545 Pharmacologic and Comorbid Factors Associated with Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis Syndrome. Journal of Burn Care and Research, 2021, 42, S121-S121.	0.2	0
45	141 Mild Burns Combined with Diet Induced Demyelination Does Not Affect Skeletal Muscle Function. Journal of Burn Care and Research, 2021, 42, S94-S94.	0.2	0
46	143 Galunisertib Exerts Targeted Anti-Fibrotic Effects in In Vitro Models of Burn Wound Healing. Journal of Burn Care and Research, 2021, 42, S95-S95.	0.2	0
47	22 Acute Kidney Injury in Burn Patients Following Combination Antibiotic Therapy: A Large Database Analysis. Journal of Burn Care and Research, 2021, 42, S19-S20.	0.2	0
48	20 Chronic Cardiovascular Dysfunction Following Lower Extremity Amputation in Burn Patients. Journal of Burn Care and Research, 2021, 42, S18-S19.	0.2	0
49	516 Higher Risk of Acute Kidney Injury in Burn Patients with Rhabdomyolysis. Journal of Burn Care and Research, 2021, 42, S105-S105.	0.2	0
50	652 Burns and Incidence of Operative Treatment. Journal of Burn Care and Research, 2021, 42, S183-S184.	0.2	0
51	90 Discrepancies in Mortality Metrics Between National Datasets. Journal of Burn Care and Research, 2021, 42, S62-S63.	0.2	0
52	Nonsurvival Distributions in Pediatric Burn Patients: A Comparative Study of Two National Databases. Journal of Burn Care and Research, 2021, 42, 1087-1092.	0.2	0
53	Burn Injury Alters Brain Catecholamine Levels and β -AR Signaling. FASEB Journal, 2015, 29, 727.17.	0.2	0
54	Stem Cells and Burn. , 2019, , 109-115.		0

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55	12 The Influence of Female Sex Hormones on Outcomes After Burn Injury. Journal of Burn Care and Research, 2022, 43, S12-S13.	0.2	0
56	26 Opioid Prescription in Burns: A Large Database Analysis from 1990 to 2021. Journal of Burn Care and Research, 2022, 43, S19-S20.	0.2	0
57	115 Analyzing Temporal Trends and Outcomes Associated with High Prevalence Bacterial Infections in Burn Patients. Journal of Burn Care and Research, 2022, 43, S74-S75.	0.2	0
58	82 Early Skin Excision Decreased the Risk of Skin Infection, Sepsis and Mortality Among Burn Patients. Journal of Burn Care and Research, 2022, 43, S54-S55.	0.2	0
59	562 Influence of the COVID-19 Pandemic on Emergency Room Visits for Burn Injury. Journal of Burn Care and Research, 2022, 43, S117-S117.	0.2	0
60	741 Burn Injury Elevates the Risk of Sepsis in Pregnant Women. Journal of Burn Care and Research, 2022, 43, S176-S177.	0.2	0
61	735 Early Treatment with NSAIDs Improves Blood Clotting Function in Severely Burned Patients. Journal of Burn Care and Research, 2022, 43, S173-S174.	0.2	0
62	123 Sleep Disorder Is Associated with Neuropsychological Disturbances in Burn Survivals. Journal of Burn Care and Research, 2022, 43, S80-S81.	0.2	0
63	118 Burn Injury Vandalizes Cancer Survival with Increased Risk of Complications. Journal of Burn Care and Research, 2022, 43, S76-S77.	0.2	0
64	95 Incidence of Hypertrophic Scar Diagnosis in Burn Patients Prescribed Glucocorticoids. Journal of Burn Care and Research, 2022, 43, S62-S63.	0.2	0
65	6 Risk Factors and Comorbidities Associated with Post-burn Hypertension. Journal of Burn Care and Research, 2022, 43, S8-S9.	0.2	0
66	The Effect of Lipolysis Inhibitor Acipimox on Brown Adipose Tissue Bioenergetics and Uncoupling Protein Abundance in Severely Burned Rats. FASEB Journal, 2022, 36, .	0.2	0
67	Acipimox Induces the Hepatic Accumulation of Long-Chain Diacylglycerides and Triglycerides in Severely Burned Sprague Dawley Rats. FASEB Journal, 2022, 36, .	0.2	0