

Shai Efrati

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/250554/publications.pdf>

Version: 2024-02-01

95
papers

2,013
citations

257450

24
h-index

289244

40
g-index

101
all docs

101
docs citations

101
times ranked

2096
citing authors

#	ARTICLE	IF	CITATIONS
1	Sarcopenic Obesity Versus Nonobese Sarcopenia in Hemodialysis Patients: Differences in Nutritional Status, Quality of Life, and Clinical Outcomes. , 2023, 33, 147-156.		13
2	Effects of Hyperbaric Oxygen Therapy on Mitochondrial Respiration and Physical Performance in Middle-Aged Athletes: A Blinded, Randomized Controlled Trial. Sports Medicine - Open, 2022, 8, 22.	3.1	8
3	Hyperbaric oxygen treatment for long coronavirus disease-19: a case report. Journal of Medical Case Reports, 2022, 16, 80.	0.8	16
4	Photobiomodulation Therapy to Autologous Bone Marrow in Humans Significantly Increases the Concentration of Circulating Stem Cells and Macrophages: A Pilot Study. Photobiomodulation, Photomedicine, and Laser Surgery, 2022, 40, 178-182.	1.4	4
5	Hyperbaric oxygen therapy improves neurocognitive functions and symptoms of post-COVID condition: randomized controlled trial. Scientific Reports, 2022, 12, .	3.3	44
6	Hyperbaric Oxygen as Salvage Therapy for Neonates Suffering From Critical Ischemia of the Glans Penis After Circumcision. Urology, 2021, 149, e48-e51.	1.0	2
7	Inflammatory seborrheic keratosis resolution after hyperbaric oxygen therapy: Case presentation and pathophysiology review. Dermatology Reports, 2021, 13, 8871.	0.8	0
8	Comorbidity burden may explain adiponectin's paradox as a marker of increased mortality risk in hemodialysis patients. Scientific Reports, 2021, 11, 9087.	3.3	2
9	Prior ischemic strokes are non-inferior for predicting future ischemic strokes than CHA2DS2-VASc score in hemodialysis patients with non-valvular atrial fibrillation. BMC Nephrology, 2021, 22, 179.	1.8	2
10	Hyperbaric oxygen treatment for non-arteritic central retinal artery occlusion retrospective comparative analysis from two tertiary medical centres. Eye, 2021, , .	2.1	7
11	Early and long term antibody kinetics of asymptomatic and mild disease COVID-19 patients. Scientific Reports, 2021, 11, 13780.	3.3	10
12	Safety and humoral responses to BNT162b2 mRNA vaccination of SARS-CoV-2 previously infected and naive populations. Scientific Reports, 2021, 11, 16543.	3.3	14
13	Brain Network Integrity Changes in Subjective Cognitive Decline: A Possible Physiological Biomarker of Dementia. Frontiers in Neurology, 2021, 12, 699014.	2.4	8
14	Usual nutritional scores have acceptable sensitivity and specificity for diagnosing malnutrition compared to GLIM criteria in hemodialysis patients. Nutrition Research, 2021, 92, 129-138.	2.9	6
15	Hyperbaric oxygen therapy induces transcriptome changes in elderly: a prospective trial. Aging, 2021, 13, 24511-24523.	3.1	2
16	The effect of hyperbaric oxygen therapy on the pathophysiology of skin aging: a prospective clinical trial. Aging, 2021, 13, 24500-24510.	3.1	8
17	Imaging-based predictors for hyperbaric oxygen therapy outcome in post-stroke patients. Report 1. Medical Hypotheses, 2020, 136, 109510.	1.5	11
18	Oxygen: The Rate-Limiting Factor for Episodic Memory Performance, Even in Healthy Young Individuals. Biomolecules, 2020, 10, 1328.	4.0	3

#	ARTICLE	IF	CITATIONS
19	Evaluation of White Matter Integrity Utilizing the DELPHI (TMS-EEG) System. <i>Frontiers in Neuroscience</i> , 2020, 14, 589107.	2.8	5
20	Hyperbaric oxygen therapy for pediatric "hypospadias cripple" Evaluating the advantages regarding graft-take. <i>Journal of Pediatric Urology</i> , 2020, 16, 517-518.	1.1	1
21	The Hyperoxic-Hypoxic Paradox. <i>Biomolecules</i> , 2020, 10, 958.	4.0	105
22	Obestatin levels in response to a meal and association with subsequent appetite sensations in maintenance hemodialysis patients. <i>Clinical Nutrition</i> , 2020, 39, 3199-3205.	5.0	2
23	Hyperbaric oxygen therapy for pediatric "hypospadias cripple"evaluating the advantages regarding graft take. <i>Journal of Pediatric Urology</i> , 2020, 16, 163.e1-163.e7.	1.1	8
24	Hyperbaric oxygen therapy improves neurocognitive functions of post-stroke patients " a retrospective analysis. <i>Restorative Neurology and Neuroscience</i> , 2020, 38, 93-107.	0.7	29
25	The effect of hyperbaric oxygenation therapy on myocardial function. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 833-840.	1.5	13
26	Biological basis of lymphocyte ratios for survival prediction in hemodialysis patients: a longitudinal study. <i>International Urology and Nephrology</i> , 2020, 52, 1345-1356.	1.4	10
27	Nutritional Status and Mortality Predictability for Time-Varying Serum Alkaline Phosphatase in Hemodialysis Patients: A Longitudinal Study. , 2020, 30, 452-461.		3
28	Hyperbaric oxygen therapy increases telomere length and decreases immunosenescence in isolated blood cells : a prospective trial. <i>Aging</i> , 2020, 12, 22445-22456.	3.1	31
29	Abdominal obesity in normal weight versus overweight and obese hemodialysis patients: Associations with nutrition, inflammation, muscle strength, and quality of life. <i>Nutrition</i> , 2019, 59, 7-13.	2.4	19
30	Hyperbaric oxygen therapy effects on pulmonary functions: a prospective cohort study. <i>BMC Pulmonary Medicine</i> , 2019, 19, 148.	2.0	26
31	Introducing a Novel Approach for Evaluation and Monitoring of Brain Health Across Life Span Using Direct Non-invasive Brain Network Electrophysiology. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 248.	3.4	5
32	Serum Chromium Levels are Higher in Peritoneal Dialysis than in Hemodialysis Patients. <i>Peritoneal Dialysis International</i> , 2019, 39, 330-334.	2.3	3
33	Hyperbaric Oxygen Preconditioning Can Reduce Postabdominoplasty Complications: A Retrospective Cohort Study. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2019, 7, e2417.	0.6	7
34	Estimating of Residual Kidney Function by Multi-Frequency Bioelectrical Impedance Analysis in Hemodialysis Patients Without Urine Collection. <i>Kidney and Blood Pressure Research</i> , 2018, 43, 98-109.	2.0	2
35	Salivary Neutrophil Gelatinase-Associated Lipocalin Sampling Feasibility in Acute Renal Colic. <i>Journal of Endourology</i> , 2018, 32, 566-571.	2.1	6
36	Immersion-enhanced fluid redistribution can prevent intradialytic hypotension: A prospective, randomized, crossover clinical trial. <i>Hemodialysis International</i> , 2018, 22, 377-382.	0.9	0

#	ARTICLE	IF	CITATIONS
37	Age modifies the association between serum obestatin, appetite and nutritional status in maintenance hemodialysis patients. <i>European Journal of Clinical Nutrition</i> , 2018, 72, 1007-1018.	2.9	5
38	Serum Obestatin: A Biomarker of Cardiovascular and All-Cause Mortality in Hemodialysis Patients. <i>American Journal of Nephrology</i> , 2018, 47, 254-265.	3.1	4
39	A single center, openâ€label, randomized, parallel group study assessing the relationship between asymptomatic bacteriuria and inflammation in maintenance hemodialysis patients. <i>Hemodialysis International</i> , 2018, 22, 110-118.	0.9	0
40	Hyperbaric oxygen therapy ameliorates pathophysiology of 3xTg-AD mouse model by attenuating neuroinflammation. <i>Neurobiology of Aging</i> , 2018, 62, 105-119.	3.1	61
41	Brain and Mind Integration: Childhood Sexual Abuse Survivors Experiencing Hyperbaric Oxygen Treatment and Psychotherapy Concurrently. <i>Frontiers in Psychology</i> , 2018, 9, 2535.	2.1	5
42	Hyperbaric Oxygen Therapy Can Induce Neuroplasticity and Significant Clinical Improvement in Patients Suffering From Fibromyalgia With a History of Childhood Sexual Abuseâ€Randomized Controlled Trial. <i>Frontiers in Psychology</i> , 2018, 9, 2495.	2.1	35
43	Effect of hyperbaric oxygen therapy on chronic neurocognitive deficits of post-traumatic brain injury patients: retrospective analysis. <i>BMJ Open</i> , 2018, 8, e023387.	1.9	26
44	Response from Authors. <i>Intensive and Critical Care Nursing</i> , 2018, 48, 93-94.	2.9	0
45	Hyperbaric oxygen can induce angiogenesis and recover erectile function. <i>International Journal of Impotence Research</i> , 2018, 30, 292-299.	1.8	21
46	Carbon monoxide poisoning in a young, healthy patient: A case study of heart failure recovery after Hyperbaric Oxygenation Treatment. <i>Intensive and Critical Care Nursing</i> , 2018, 47, 85-88.	2.9	6
47	Recovery of Repressed Memories in Fibromyalgia Patients Treated With Hyperbaric Oxygen â€ Case Series Presentation and Suggested Bio-Psycho-Social Mechanism. <i>Frontiers in Psychology</i> , 2018, 9, 848.	2.1	14
48	Hyperbaric oxygen therapy as a new treatment approach for Alzheimerâ€™s disease. <i>Neural Regeneration Research</i> , 2018, 13, 817.	3.0	15
49	Phosphate binders, appetite and nutritional status in maintenance hemodialysis patients. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2018, 27, 1207-1215.	0.4	1
50	Reversibility of retinal ischemia due to central retinal artery occlusion by hyperbaric oxygen. <i>Clinical Ophthalmology</i> , 2017, Volume 11, 115-125.	1.8	41
51	Optimization of Endotracheal Tube Cuff Pressure by Monitoring CO2 Levels in the Subglottic Space in Mechanically Ventilated Patients. <i>Anesthesia and Analgesia</i> , 2017, 125, 1309-1315.	2.2	7
52	Interaction between acyl-ghrelin and BMI predicts clinical outcomes in hemodialysis patients. <i>BMC Nephrology</i> , 2017, 18, 29.	1.8	5
53	Hyperbaric Oxygen Therapy Can Induce Angiogenesis and Regeneration of Nerve Fibers in Traumatic Brain Injury Patients. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 508.	2.0	67
54	Hyperbaric Oxygen Environment Can Enhance Brain Activity and Multitasking Performance. <i>Frontiers in Integrative Neuroscience</i> , 2017, 11, 25.	2.1	16

#	ARTICLE	IF	CITATIONS
55	Effect of hemodialysis access blood flow on cardiac events after coronary artery bypass grafting using an internal thoracic artery. <i>Journal of Vascular Access</i> , 2017, 18, 301-306.	0.9	7
56	Effect of Peripheral Electrical Stimulation (PES) on Nocturnal Blood Glucose in Type 2 Diabetes: A Randomized Crossover Pilot Study. <i>PLoS ONE</i> , 2016, 11, e0168805.	2.5	5
57	Geriatric nutritional risk index, muscle function, quality of life and clinical outcome in hemodialysis patients. <i>Clinical Nutrition</i> , 2016, 35, 1522-1529.	5.0	43
58	Amlodipine treatment of hypertension associates with a decreased dementia risk. <i>Clinical and Experimental Hypertension</i> , 2016, 38, 545-549.	1.3	17
59	Treatment of persistent post-concussion syndrome due to mild traumatic brain injury: current status and future directions. <i>Expert Review of Neurotherapeutics</i> , 2016, 16, 875-887.	2.8	55
60	Difficulty in Distinguishing Posterior Reversible Encephalopathy Syndrome, Hypoxic-Ischemic Insult, and Acute Toxic Leukoencephalopathy in Children. <i>Neuropediatrics</i> , 2016, 47, 033-038.	0.6	7
61	The efficacy and safety of hyperbaric oxygen therapy in traumatic brain injury. <i>Expert Review of Neurotherapeutics</i> , 2016, 16, 359-360.	2.8	9
62	Low-Level Laser Therapy to the Bone Marrow Reduces Scarring and Improves Heart Function Post-Acute Myocardial Infarction in the Pig. <i>Photomedicine and Laser Surgery</i> , 2016, 34, 516-524.	2.0	31
63	Building up the pressure on chronic pain. <i>Clinical and Experimental Rheumatology</i> , 2016, 34, S3-5.	0.8	18
64	Lactic acidosis and severe septic shock in metformin users: a cohort study. <i>Critical Care</i> , 2015, 20, 10.	5.8	47
65	Delayed Recompression for Decompression Sickness: Retrospective Analysis. <i>PLoS ONE</i> , 2015, 10, e0124919.	2.5	25
66	Hyperbaric oxygen may induce angiogenesis in patients suffering from prolonged post-concussion syndrome due to traumatic brain injury. <i>Restorative Neurology and Neuroscience</i> , 2015, 33, 943-951.	0.7	39
67	Oxygen - a limiting factor for brain recovery. <i>Critical Care</i> , 2015, 19, 307.	5.8	15
68	Arterial Wall Function is Associated with Cognitive Performance Primarily in Elderly with Type 2 Diabetes. <i>Journal of Alzheimer's Disease</i> , 2015, 44, 687-693.	2.6	1
69	Detection of endobronchial intubation by monitoring the CO2 level above the endotracheal cuff. <i>Journal of Clinical Monitoring and Computing</i> , 2015, 29, 19-23.	1.6	9
70	Hyperbaric Oxygen Therapy Can Diminish Fibromyalgia Syndrome - Prospective Clinical Trial. <i>PLoS ONE</i> , 2015, 10, e0127012.	2.5	68
71	Delayed blood-brain barrier disruption after shallow-water diving demonstrated by magnetic resonance imaging. <i>Diving and Hyperbaric Medicine</i> , 2015, 45, 116-20.	0.5	1
72	Lifestyle modifications in an adolescent dormitory: a clinical trial. <i>Korean Journal of Pediatrics</i> , 2014, 57, 520.	1.9	4

#	ARTICLE	IF	CITATIONS
73	Reflections on the neurotherapeutic effects of hyperbaric oxygen. Expert Review of Neurotherapeutics, 2014, 14, 233-236.	2.8	65
74	Hyperbaric Oxygen Induces Late Neuroplasticity in Post Stroke Patients - Randomized, Prospective Trial. PLoS ONE, 2013, 8, e53716.	2.5	128
75	Effect of N-Acetylcysteine on Residual Renal Function in Chronic Haemodialysis Patients Treated with High-Flux Synthetic Dialysis Membranes: A Pilot Study. ISRN Nephrology, 2013, 2013, 1-4.	1.2	1
76	Effects of hyperbaric oxygen on blood glucose levels in patients with diabetes mellitus, stroke or traumatic brain injury and healthy volunteers: a prospective, crossover, controlled trial. Diving and Hyperbaric Medicine, 2013, 43, 218-21.	0.5	14
77	Effect of captopril treatment on recuperation from ischemia/reperfusion-induced acute renal injury. Nephrology Dialysis Transplantation, 2012, 27, 136-145.	0.7	54
78	Hyperglycaemia, inflammation, RAS activation: Three culprits to blame for acute kidney injury emerging in healthy rats during general anaesthesia. Nephrology, 2012, 17, 591-602.	1.6	18
79	Hyperglycaemia emerging during general anaesthesia induces rat acute kidney injury via impaired microcirculation, augmented apoptosis and inhibited cell proliferation. Nephrology, 2012, 17, 111-122.	1.6	10
80	Endotracheal tube cuff-small important part of a big issue. Journal of Clinical Monitoring and Computing, 2012, 26, 53-60.	1.6	15
81	Tracheal pressure and endotracheal tube obstruction can be detected by continuous cuff pressure monitoring: in vitro pilot study. Intensive Care Medicine, 2010, 36, 984-990.	8.2	6
82	Ventilator-associated pneumonia: current status and future recommendations. Journal of Clinical Monitoring and Computing, 2010, 24, 161-168.	1.6	49
83	Hemopexin Is Protective Against Intravascular Hemolysis-Induced Vascular Damage. Blood, 2010, 116, 3207-3207.	1.4	1
84	Differential Effects of N-Acetylcysteine, Theophylline or Bicarbonate on Contrast-Induced Rat Renal Vasoconstriction. American Journal of Nephrology, 2009, 29, 181-191.	3.1	29
85	Rosiglitazone treatment attenuates renal tissue inflammation generated by urinary tract obstruction. Nephrology, 2009, 14, 189-197.	1.6	9
86	Hyperglycemia alters renal cell responsiveness to pressure in a model of malignant hypertension. Journal of Hypertension, 2009, 27, 365-375.	0.5	7
87	Rosiglitazone Treatment Attenuates Expression of Inflammatory Hallmarks in the Remaining Kidney following Contralateral Nephrectomy. American Journal of Nephrology, 2008, 28, 238-245.	3.1	9
88	Application of normobaric hyperoxia therapy for amelioration of haemorrhagic shock-induced acute renal failure. Nephrology Dialysis Transplantation, 2008, 23, 2213-2222.	0.7	23
89	N-acetylcysteine attenuates NSAID-induced rat renal failure by restoring intrarenal prostaglandin synthesis. Nephrology Dialysis Transplantation, 2007, 22, 1873-1881.	0.7	23
90	PPAR- δ Activation Inhibits Angiotensin II Synthesis, Apoptosis, and Proliferation of Mesangial Cells from Spontaneously Hypertensive Rats. Nephron Experimental Nephrology, 2007, 106, e107-e112.	2.2	27

#	ARTICLE	IF	CITATIONS
91	Enhanced angiotensin II production by renal mesangium is responsible for apoptosis/proliferation of endothelial and epithelial cells in a model of malignant hypertension. <i>Journal of Hypertension</i> , 2007, 25, 1041-1052.	0.5	20
92	Optimization of Endotracheal Tube Cuff Filling by Continuous Upper Airway Carbon Dioxide Monitoring. <i>Anesthesia and Analgesia</i> , 2005, 101, 1081-1088.	2.2	24
93	N-Acetylcysteine ameliorates lithium-induced renal failure in rats. <i>Nephrology Dialysis Transplantation</i> , 2005, 20, 65-70.	0.7	40
94	The effect of N-acetylcysteine on renal function, nitric oxide, and oxidative stress after angiography. <i>Kidney International</i> , 2003, 64, 2182-2187.	5.2	92
95	ACE inhibitors and survival of hemodialysis patients. <i>American Journal of Kidney Diseases</i> , 2002, 40, 1023-1029.	1.9	182