

# Christina Karatzaferi

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

1,661  
citations

304743

22  
h-index

289244

40  
g-index

63  
all docs

63  
docs citations

63  
times ranked

1874  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ca <sup>2+</sup> -regulated structural changes in troponin. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5038-5043.	7.1	287
2	Effect of exercise training and dopamine agonists in patients with uremic restless legs syndrome: a six-month randomized, partially double-blind, placebo-controlled comparative study. BMC Nephrology, 2013, 14, 194.	1.8	111
3	A single-blind randomized controlled trial to evaluate the effect of 6 months of progressive aerobic exercise training in patients with uraemic restless legs syndrome. Nephrology Dialysis Transplantation, 2013, 28, 2834-2840.	0.7	101
4	Changes in muscle morphology in dialysis patients after 6 months of aerobic exercise training. Nephrology Dialysis Transplantation, 2003, 18, 1854-1861.	0.7	98
5	Intradialytic Aerobic Exercise Training Ameliorates Symptoms of Restless Legs Syndrome and Improves Functional Capacity in Patients on Hemodialysis. ASAIO Journal, 2008, 54, 185-190.	1.6	97
6	Epidemiology, impact, and treatment options of restless legs syndrome in end-stage renal disease patients: an evidence-based review. Kidney International, 2014, 85, 1275-1282.	5.2	66
7	Systemic Redox Imbalance in Chronic Kidney Disease: A Systematic Review. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-19.	4.0	64
8	Inhibition of shortening velocity of skinned skeletal muscle fibers in conditions that mimic fatigue. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R948-R955.	1.8	61
9	The Force Exerted by a Muscle Cross-Bridge Depends Directly on the Strength of the Actomyosin Bond. Biophysical Journal, 2004, 87, 2532-2544.	0.5	55
10	Evidence of Increased Muscle Atrophy and Impaired Quality of Life Parameters in Patients with Uremic Restless Legs Syndrome. PLoS ONE, 2011, 6, e25180.	2.5	48
11	Monitoring Exercise-Induced Muscle Fatigue and Adaptations: Making Sense of Popular or Emerging Indices and Biomarkers. Sports, 2018, 6, 153.	1.7	46
12	Current trends in the management of uremic restless legs syndrome: A systematic review on aspects related to quality of life, cardiovascular mortality and survival. Sleep Medicine Reviews, 2015, 21, 39-49.	8.5	43
13	Sleep Abnormalities in Multiple Sclerosis. Current Treatment Options in Neurology, 2019, 21, 4.	1.8	42
14	The Effect of Prolonged Intradialytic Exercise in Hemodialysis Efficiency Indices. ASAIO Journal, 2011, 57, 213-218.	1.6	40
15	Periodic Limb Movements in Sleep Contribute to Further Cardiac Structure Abnormalities in Hemodialysis Patients with Restless Legs Syndrome. Journal of Clinical Sleep Medicine, 2013, 09, 147-153.	2.6	37
16	Uniform and prolonged changes in blood oxidative stress after muscle-damaging exercise. In Vivo, 2007, 21, 877-83.	1.3	36
17	Uremic myopathy: is oxidative stress implicated in muscle dysfunction in uremia?. Frontiers in Physiology, 2015, 6, 102.	2.8	35
18	Non-Pharmacological Management of Periodic Limb Movements During Hemodialysis Session in Patients With Uremic Restless Legs Syndrome. ASAIO Journal, 2010, 56, 538-542.	1.6	30

#	ARTICLE	IF	CITATIONS
19	Effect of an ADP analog on isometric force and ATPase activity of active muscle fibers. <i>American Journal of Physiology - Cell Physiology</i> , 2003, 284, C816-C825.	4.6	27
20	Haemodialysis patients with sleep apnoea syndrome experience increased central adiposity and altered muscular composition and functionality. <i>Nephrology Dialysis Transplantation</i> , 2007, 23, 336-344.	0.7	27
21	Hemodialysis Fatigue: Just "Simple" Fatigue or a Syndrome on Its Own Right?. <i>Frontiers in Physiology</i> , 2012, 3, 306.	2.8	27
22	Combination of Exercise Training and Dopamine Agonists in Patients with RLS on Dialysis. <i>ASAIO Journal</i> , 2015, 61, 738-741.	1.6	26
23	Exercise Training and Depression in ESRD: A Review. <i>Seminars in Dialysis</i> , 2013, 26, 604-613.	1.3	23
24	Liver fat, visceral adiposity, and sleep disturbances contribute to the development of insulin resistance and glucose intolerance in nondiabetic dialysis patients. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R1721-R1729.	1.8	22
25	Effects of walking on heart rate recovery, endothelium modulators and quality of life in patients with heart failure. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2011, 18, 594-600.	2.8	19
26	Uremic Versus Idiopathic Restless Legs Syndrome. <i>ASAIO Journal</i> , 2012, 58, 607-611.	1.6	18
27	Long-term intradialytic hybrid exercise training on fatigue symptoms in patients receiving hemodialysis therapy. <i>International Urology and Nephrology</i> , 2021, 53, 771-784.	1.4	13
28	Modulators of actin-myosin dissociation: basis for muscle type functional differences during fatigue. <i>American Journal of Physiology - Cell Physiology</i> , 2017, 313, C644-C654.	4.6	12
29	Pharmacological and non-pharmacological treatment options for depression and depressive symptoms in hemodialysis patients. <i>Health Psychology Research</i> , 2015, 3, 1811.	1.4	10
30	Periodic Limb Movements in Sleep and Cardiovascular Disease: Time to Act. <i>Frontiers in Neurology</i> , 2013, 4, 97.	2.4	9
31	Cognitive function and exercise training for chronic renal disease patients: A literature review. <i>Journal of Bodywork and Movement Therapies</i> , 2015, 19, 509-515.	1.2	9
32	Antioxidant responses following active and passive smoking of tobacco and electronic cigarettes. <i>Toxicology Mechanisms and Methods</i> , 2016, 26, 446-452.	2.7	9
33	Cold dialysis and its impact on renal patients' health: An evidence-based mini review. <i>World Journal of Nephrology</i> , 2017, 6, 119.	2.0	9
34	Muscle fatigue and muscle weakness: what we know and what we wish we did. <i>Frontiers in Physiology</i> , 2013, 4, 125.	2.8	8
35	Higher insulin sensitivity in EDL muscle of rats fed a low-protein, high-carbohydrate diet inhibits the caspase-3 and ubiquitin-proteasome proteolytic systems but does not increase protein synthesis. <i>Journal of Nutritional Biochemistry</i> , 2016, 34, 89-98.	4.2	8
36	Phosphorus nutritional knowledge among dialysis health care providers and patients: A multicenter observational study. <i>Clinical Nutrition ESPEN</i> , 2019, 31, 33-37.	1.2	7

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37	How Can Physical Activity Referral Rates for Breast Cancer Patients be Increased?. <i>Frontiers in Oncology</i> , 2016, 6, 198.	2.8	6
38	Developing and testing an instrument to assess aquaticity in humans. <i>Journal of Bodywork and Movement Therapies</i> , 2016, 20, 497-503.	1.2	6
39	The Effect of Cold Dialysis in Motor and Sensory Symptoms of RLS/WED Occurring During Hemodialysis: A Double-Blind Study. <i>ASAIO Journal</i> , 2018, 64, 110-114.	1.6	6
40	Evidence of functional deficits at the single muscle fiber level in experimentally-induced renal insufficiency. <i>Journal of Biomechanics</i> , 2019, 82, 259-265.	2.1	6
41	Intra-Renal Hemodynamic Changes After Habitual Physical Activity in Patients with Chronic Kidney Disease. <i>Current Pharmaceutical Design</i> , 2016, 22, 3700-3714.	1.9	6
42	POLYSOMNOGRAPHIC EVIDENCE OF SLEEP APNOEA DISORDERS IN LEAN AND OVERWEIGHT HAEMODIALYSIS PATIENTS. <i>Journal of Renal Care</i> , 2007, 33, 159-164.	1.2	5
43	Aquaticity: A discussion of the term and of how it applies to humans. <i>Journal of Bodywork and Movement Therapies</i> , 2016, 20, 219-223.	1.2	5
44	Meeting report: IUPS and ADInstruments 2017 Teaching Workshop. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2018, 42, 334-339.	1.6	5
45	Cardiac autonomic function during intradialytic exercise training. <i>Postgraduate Medicine</i> , 2019, 131, 539-545.	2.0	5
46	Effects of 12 months of detraining on health-related quality of life in patients receiving hemodialysis therapy. <i>International Urology and Nephrology</i> , 2020, 52, 1771-1778.	1.4	4
47	Fatigue profile: a numerical method to examine fatigue in cycle ergometry. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1999, 80, 508-510.	1.2	3
48	Sleep quality and dialysis efficacy affect functional capacity in patients receiving haemodialysis therapy. <i>Nephrology Dialysis Transplantation</i> , 2008, 23, 2703-2704.	0.7	3
49	Quality of life score is primarily affected by the mental rather than the physical component in patients with restless legs syndrome. <i>Movement Disorders</i> , 2010, 25, 135-136.	3.9	3
50	Restless legs syndrome/Willis-Ekbom disease prevalence in beta thalassemia patients. <i>Sleep and Breathing</i> , 2018, 22, 175-179.	1.7	3
51	Evidence of Blood and Muscle Redox Status Imbalance in Experimentally Induced Renal Insufficiency in a Rabbit Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	4.0	3
52	The vicious circle between physical, psychological, and physiological characteristics of shift work in nurses: a multidimensional approach. <i>Sleep and Breathing</i> , 2021, , 1.	1.7	3
53	Separate and combined effects of cold dialysis and intradialytic exercise on the thermoregulatory responses of hemodialysis patients: a randomized-cross-over study. <i>BMC Nephrology</i> , 2020, 21, 524.	1.8	2
54	The effects of training with high-speed interval running on muscle performance are modulated by slope. <i>Physiological Reports</i> , 2021, 9, e14656.	1.7	2

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55	A single bout of hybrid intradialytic exercise did not affect left-ventricular function in exercise-naïve dialysis patients: a randomized, cross-over trial. <i>International Urology and Nephrology</i> , 2022, 54, 201-208.	1.4	2
56	SP456AUTONOMIC NERVOUS SYSTEM ACTIVITY ASSESSMENT USING PUPILLOMETRY AND HEART RATE VARIABILITY DURING INTRADIALYTIC EXERCISE TRAINING IN HEMODIALYSIS PATIENTS. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, iii529-iii530.	0.7	1
57	Effects of Redox Disturbances on Motility, Contractility and Muscle Tissue Pathogenesis. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-2.	4.0	1
58	The effect of a 9-month hybrid intradialytic exercise training program on nerve conduction velocity parameters in patients receiving hemodialysis therapy. <i>International Urology and Nephrology</i> , 2022, 54, 3271-3281.	1.4	1
59	SP447INTRADIALYTIC EXERCISE AND MYOCARDIAL STUNNING IN PATIENTS RECEIVING HEMODIALYSIS THERAPY. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, iii527-iii527.	0.7	0
60	SP451EFFECT OF ACIDOSIS ON MAXIMAL ISOMETRIC TENSION OF UREMIC PERMEABILIZED FIBRES. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, iii528-iii528.	0.7	0
61	SP434SKELETAL MUSCLE AND BLOOD OXIDATIVE STRESS IN A CHRONIC KIDNEY DISEASE ANIMAL MODEL. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, iii521-iii521.	0.7	0
62	Nocturnal Activity Is Not Affected by a Long-Duration, Low-Intensity Single Exercise Bout. <i>Sports</i> , 2019, 7, 56.	1.7	0