

# Konstantina Dipla

## List of Publications by Year in descending order

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Version: 2024-02-01

111  
papers

2,506  
citations

249298

26  
h-index

232693

48  
g-index

114  
all docs

114  
docs citations

114  
times ranked

3320  
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of Cerebral Oxygenation During Exercise With Target Organ Damage in Middle-Aged Hypertensive and Normotensive Individuals. <i>American Journal of Hypertension</i> , 2022, 35, 664-671.	1.0	2
2	Brain oxygenation during multiple sets of isometric and dynamic resistance exercise of equivalent workloads: Association with systemic haemodynamics. <i>Journal of Sports Sciences</i> , 2022, , 1-11.	1.0	1
3	Skin microvascular function, as assessed with laser speckle contrast imaging, is impaired in untreated essential and masked hypertension. <i>Hypertension Research</i> , 2022, 45, 445-454.	1.5	13
4	Blunted cerebral oxygenation during exercise in systemic lupus erythematosus patients.. <i>Clinical and Experimental Rheumatology</i> , 2022, , .	0.4	0
5	MO685: Brain Oxygenation Assessed by Near-Infrared Spectroscopy During a Mental Task and a Mild Physical Stress in Hemodialysis and Peritoneal Dialysis. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, .	0.4	0
6	FC085: Cerebral Oxygenation During Exercise Across Different Stages of Chronic Kidney Disease. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, .	0.4	0
7	Ranolazine depresses conduction of rapid atrial depolarizations in a beating rabbit heart model. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021, 62, 153-159.	0.6	1
8	Relative energy deficiency in sports (RED-S): elucidation of endocrine changes affecting the health of males and females. <i>Hormones</i> , 2021, 20, 35-47.	0.9	50
9	Contribution of single office aortic systolic blood pressure measurements to the detection of masked hypertension: data from two separate cohorts. <i>Hypertension Research</i> , 2021, 44, 215-224.	1.5	6
10	Exercise as a Therapeutic Intervention in Gestational Diabetes Mellitus. <i>Endocrines</i> , 2021, 2, 65-78.	0.4	17
11	Effects of Ranolazine and its Combination with Amiodarone on Rapid Pacing-induced Reentrant Atrial Tachycardia in Rabbits. <i>Journal of Innovations in Cardiac Rhythm Management</i> , 2021, 12, 4421-4427.	0.2	1
12	MASKED HYPERTENSIVES AS ASSESSED WITH LASER SPECKLE CONTRAST IMAGING EXHIBIT IMPAIRED SKIN MICROVASCULAR REACTIVITY SIMILAR TO ESSENTIAL HYPERTENSIVE INDIVIDUALS. <i>Journal of Hypertension</i> , 2021, 39, e326-e327.	0.3	1
13	Îndothelial and microvascular function in CKD: Evaluation methods and associations with outcomes. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13557.	1.7	6
14	Vascular endothelial damage in COPD: current functional assessment methods and future perspectives. <i>Expert Review of Respiratory Medicine</i> , 2021, 15, 1121-1133.	1.0	5
15	POS0738â€¦.BLUNTED CEREBRAL OXYGENATION DURING EXERCISE IN NON-NEUROPSYCHIATRIC SYSTEMIC LUPUS ERYTHEMATOSUS. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 620-620.	0.5	0
16	The effect of muscle blood flow restriction on hemodynamics, cerebral oxygenation and activation at rest. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 1216-1224.	0.9	3
17	Effects of oxygen supplementation in autonomic nervous system function during exercise in patients with idiopathic pulmonary fibrosis and exertional desaturation. <i>Clinical Respiratory Journal</i> , 2021, 15, 1088-1096.	0.6	1
18	Differences in cerebral oxygenation during exercise in patients with idiopathic pulmonary fibrosis with and without exertional hypoxemia: does exercise intensity matter?. <i>Pulmonology</i> , 2021, , .	1.0	0

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19	Impaired vagal adaptation to an exercise task in women with gestational diabetes mellitus versus women with uncomplicated pregnancies. <i>Hormones</i> , 2021, 20, 753-760.	0.9	0
20	Cardiorespiratory fitness in kidney transplant recipients compared to patients with kidney failure: a systematic review and meta-analysis. <i>Transplant International</i> , 2021, 34, 1801-1811.	0.8	2
21	A randomized placebo-control trial of the acute effects of oxygen supplementation on exercise hemodynamics, autonomic modulation, and brain oxygenation in patients with pulmonary hypertension. <i>Respiratory Physiology and Neurobiology</i> , 2021, 290, 103677.	0.7	3
22	Muscle Oxygenation, Neural, and Cardiovascular Responses to Isometric and Workload-matched Dynamic Resistance Exercise. <i>International Journal of Sports Medicine</i> , 2021, , .	0.8	1
23	Exertional Desaturation in Idiopathic Pulmonary Fibrosis: The Role of Oxygen Supplementation in Modifying Cerebral-Skeletal Muscle Oxygenation and Systemic Hemodynamics. <i>Respiration</i> , 2021, 100, 463-475.	1.2	8
24	Skin microvascular dysfunction in systemic lupus erythematosus patients with and without cardiovascular risk factors. <i>Rheumatology</i> , 2021, 60, 2834-2841.	0.9	15
25	Nocturnal dipping profile in chronic kidney disease: Searching for underlying mechanisms in order to prevent adverse events. <i>Physiological Reports</i> , 2021, 8, e14665.	0.7	0
26	Dose-Dependent Effects of Ranolazine on Reentrant Ventricular Arrhythmias Induced After Subacute Myocardial Infarction in Rabbits. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2020, 25, 65-71.	1.0	4
27	Hyponatremia accompanying volatile hypertension caused by baroreflex failure after neck surgery: case report and literature review. <i>Journal of Hypertension</i> , 2020, 38, 1617-1624.	0.3	3
28	Measurement and Changes in Cerebral Oxygenation and Blood Flow at Rest and During Exercise in Normotensive and Hypertensive Individuals. <i>Current Hypertension Reports</i> , 2020, 22, 71.	1.5	7
29	Cardiopulmonary exercise testing in chronic obstructive pulmonary disease: An update on its clinical value and applications. <i>Clinical Physiology and Functional Imaging</i> , 2020, 40, 197-206.	0.5	16
30	Are Blood Pressure and Cardiovascular Stress Greater in Isometric or in Dynamic Resistance Exercise?. <i>Sports</i> , 2020, 8, 41.	0.7	7
31	Metabolic Syndrome, Hormones, and Exercise. <i>Contemporary Endocrinology</i> , 2020, , 519-534.	0.3	1
32	Effects of oxygen supplementation during exercise on hemodynamic responses in patients with pulmonary arterial hypertension. , 2020, , .		0
33	Noninvasive Assessment of Myocardial Perfusion in Different Blood Pressure Phenotypes and Its Association With Arterial Stiffness Indices. <i>American Journal of Hypertension</i> , 2019, 32, 557-563.	1.0	15
34	BLUNTED CEREBRAL OXYGENATION DURING EXERCISE IN MASKED HYPERTENSIVES AS AN INDEX OF IMPAIRMENT IN MICROCIRCULATION. <i>Journal of Hypertension</i> , 2019, 37, e71-e72.	0.3	0
35	NON-INVASIVE ASSESSMENT OF MYOCARDIAL PERFUSION IN MASKED AND WHITE-COAT HYPERTENSION. <i>Journal of Hypertension</i> , 2019, 37, e114.	0.3	0
36	BLOOD PRESSURE RESPONSE TO ISOMETRIC HANDGRIP EXERCISE IN DIABETIC PATIENTS WITHOUT ESTABLISHED CVD. <i>Journal of Hypertension</i> , 2019, 37, e141.	0.3	0

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37	A brief submaximal isometric exercise test "unmasks"™ systolic and diastolic masked hypertension. <i>Journal of Hypertension</i> , 2019, 37, 710-719.	0.3	20
38	Dietary nitrate improves muscle microvascular reactivity and lowers blood pressure at rest and during isometric exercise in untreated hypertensives. <i>Microcirculation</i> , 2019, 26, e12525.	1.0	16
39	Pregnancy and post-partum muscle and cerebral oxygenation during intermittent exercise in gestational diabetes: A pilot study. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2019, 232, 54-59.	0.5	8
40	Acute effects of oxygen supplementation during exercise in patients with pulmonary arterial hypertension. , 2019, , .		1
41	Effectiveness of a low intensity exercise program during pulmonary rehabilitation in patients with ILD. , 2019, , .		0
42	P82 Impaired Skin Microvascular Function in Systemic Lupus Erythematosus. <i>Artery Research</i> , 2019, 25, S125-S125.	0.3	0
43	P150 Study of Hemodynamic and Macrocirculation Indices Between Uncontrolled Na <sup>+</sup> -ve Hypertensives and Well Controlled Diabetic Patients. <i>Artery Research</i> , 2019, 25, S187.	0.3	0
44	P119 Carotid Stiffness is Strongly Associated with Skin Microvascular Dysfunction in Normotensives and Newly-diagnosed Hypertensives. <i>Artery Research</i> , 2019, 25, S159-S159.	0.3	0
45	Blunted cerebral oxygenation during exercise in women with gestational diabetes mellitus: associations with macrovascular function and cardiovascular risk factors. <i>Metabolism: Clinical and Experimental</i> , 2018, 83, 25-30.	1.5	15
46	Asymmetric dimethylarginine levels are associated with augmentation index across na <sup>+</sup> -ve untreated patients with different hypertension phenotypes. <i>Journal of Clinical Hypertension</i> , 2018, 20, 680-685.	1.0	21
47	Beetroot Increases Muscle Performance and Oxygenation During Sustained Isometric Exercise, but Does Not Alter Muscle Oxidative Efficiency and Microvascular Reactivity at Rest. <i>Journal of the American College of Nutrition</i> , 2018, 37, 361-372.	1.1	24
48	Adaptations to endurance training depend on exercise-induced oxidative stress: exploiting redox interindividual variability. <i>Acta Physiologica</i> , 2018, 222, e12898.	1.8	84
49	SYSTOLIC BLOOD PRESSURE PHENOTYPING BASED ON BOTH AORTIC AND BRACHIAL MEASUREMENTS AND ITS RELATIONSHIP WITH INTERMEDIATE HYPERTENSION PHENOTYPES AND ARTERIAL STIFFNESS. <i>Journal of Hypertension</i> , 2018, 36, e180.	0.3	0
50	ASSOCIATION OF ENDOTHELIAL DYSFUNCTION IN MICROCIRCULATION USING LASER SPECKLE CONTRAST ANALYSIS WITH MARKERS OF ARTERIAL STIFFNESS. <i>Journal of Hypertension</i> , 2018, 36, e99-e100.	0.3	2
51	P86 BLUNTED CEREBRAL MICROCIRCULATION OXYGENATION DURING EXERCISE IN NEWLY DIAGNOSED HYPERTENSIVE PATIENTS: LINKS WITH INDICES OF MACROCIRCULATION AND ARTERIAL STIFFNESS. <i>Artery Research</i> , 2018, 24, 103.	0.3	0
52	Amiodarone plus Ranolazine for Conversion of Post-Cardiac Surgery Atrial Fibrillation: Enhanced Effectiveness in Reduced Versus Preserved Ejection Fraction Patients. <i>Cardiovascular Drugs and Therapy</i> , 2018, 32, 559-565.	1.3	17
53	REAL TIME ASSESSMENT OF MICROCIRCULATION IN HYPERTENSION USING LASER SPECKLE CONTRAST ANALYSIS. <i>Journal of Hypertension</i> , 2018, 36, e283-e284.	0.3	1
54	Smoking before isometric exercise amplifies myocardial stress and dysregulates baroreceptor sensitivity and cerebral oxygenation. <i>Journal of the American Society of Hypertension</i> , 2017, 11, 376-384.	2.3	12

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55	Impaired Muscle Oxygenation and Elevated Exercise Blood Pressure in Hypertensive Patients. <i>Hypertension</i> , 2017, 70, 444-451.	1.3	54
56	[OP.7B.01] MASKED HYPERTENSIVES EXHIBIT AN EXAGGERATED BLOOD PRESSURE RESPONSE DURING HANDGRIP EXERCISE SIMILAR TO THAT IN HYPERTENSIVE INDIVIDUALS. <i>Journal of Hypertension</i> , 2017, 35, e67.	0.3	0
57	[OP.8C.04] UNTREATED INDIVIDUALS WITH HYPERTENSION EXHIBIT IMPAIRMENTS IN SKELETAL MUSCLE OXYGENATION AND BLUNTED MICROVASCULAR REACTIVITY. <i>Journal of Hypertension</i> , 2017, 35, e90-e91.	0.3	0
58	[BP.07.06] ACUTE ADMINISTRATION (SINGLE DOSE) OF BEETROOT JUICE ATTENUATES BLOOD PRESSURE DURING ISOMETRIC EXERCISE IN UNTREATED HYPERTENSIVE PATIENTS. <i>Journal of Hypertension</i> , 2017, 35, e265.	0.3	0
59	Impairments in microvascular function and skeletal muscle oxygenation in women with gestational diabetes mellitus: links to cardiovascular disease risk factors. <i>Diabetologia</i> , 2017, 60, 192-201.	2.9	45
60	The FITT Principle in Individuals with Type 2 Diabetes: From Cellular Adaptations to Individualized Exercise Prescription. <i>Journal of Advances in Medicine and Medical Research</i> , 2017, 22, 1-18.	0.1	5
61	Hemodynamic Responses and the Sustainability of Force during Submaximal Isometric Handgrip Exercise: Are There Sex Differences?. <i>Journal of Advances in Medicine and Medical Research</i> , 2017, 23, 1-11.	0.1	2
62	Plasma from exercised rats administered to sedentary rats induces systemic and tissue inflammation. <i>Physiological Reports</i> , 2016, 4, e13087.	0.7	8
63	Experimental verification of regression to the mean in redox biology: differential responses to exercise. <i>Free Radical Research</i> , 2016, 50, 1237-1244.	1.5	15
64	Exaggerated haemodynamic and neural responses to involuntary contractions induced by whole-body vibration in normotensive obese versus lean women. <i>Experimental Physiology</i> , 2016, 101, 717-730.	0.9	22
65	Global Metabolic Stress of Isoeffort Continuous and High Intensity Interval Aerobic Exercise: A Comparative <sup>1</sup> H NMR Metabonomic Study. <i>Journal of Proteome Research</i> , 2016, 15, 4452-4463.	1.8	33
66	[OP.4B.07] EXAGGERATED BLOOD PRESSURE RESPONSE DURING HANDGRIP EXERCISE IN MASKED HYPERTENSIVE. <i>Journal of Hypertension</i> , 2016, 34, e45-e46.	0.3	0
67	[OP.5D.05] IMPAIRED SKELETAL MUSCLE OXYGENATION AND ENDOTHELIAL FUNCTION IN WOMEN WITH GESTATIONAL DIABETES MELLITUS ASSESSED BY NEAR- INFRARED SPECTROSCOPY. <i>Journal of Hypertension</i> , 2016, 34, e64.	0.3	0
68	[PP.17.04] BLUNTED CEREBRAL CORTICAL ACTIVATION DURING EXERCISE IN HYPERTENSIVE PATIENTS. <i>Journal of Hypertension</i> , 2016, 34, e223.	0.3	0
69	[PP.20.04] EFFECT OF ANTECEDENT CIGARETTE SMOKING ON CARDIOVASCULAR FUNCTION DURING ISOMETRIC HANDGRIP EXERCISE. <i>Journal of Hypertension</i> , 2016, 34, e240.	0.3	0
70	Low vitamin C values are linked with decreased physical performance and increased oxidative stress: reversal by vitamin C supplementation. <i>European Journal of Nutrition</i> , 2016, 55, 45-53.	1.8	97
71	The rat closely mimics oxidative stress and inflammation in humans after exercise but not after exercise combined with vitamin C administration. <i>European Journal of Applied Physiology</i> , 2016, 116, 791-804.	1.2	19
72	Whole-body vibration training in middle-aged females: improving muscle flexibility and the power of lower limbs. <i>Sport Sciences for Health</i> , 2015, 11, 287-294.	0.4	4

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73	Blood reflects tissue oxidative stress: a systematic review. <i>Biomarkers</i> , 2015, 20, 97-108.	0.9	83
74	The rat adequately reflects human responses to exercise in blood biochemical profile: a comparative study. <i>Physiological Reports</i> , 2015, 3, e12293.	0.7	44
75	Oxygen Delivery and Muscle Deoxygenation during Continuous, Long- and Short-Interval Exercise. <i>International Journal of Sports Medicine</i> , 2015, 36, 872-880.	0.8	27
76	Circulating angiogenic biomolecules at rest and in response to upper-limb exercise in individuals with spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2014, 37, 226-232.	0.7	10
77	Reductive stress after exercise: The issue of redox individuality. <i>Redox Biology</i> , 2014, 2, 520-528.	3.9	69
78	Determinants of muscle metaboreflex and involvement of baroreflex in boys and young men. <i>European Journal of Applied Physiology</i> , 2013, 113, 827-838.	1.2	16
79	Aging is not a barrier to muscle and redox adaptations: Applying the repeated eccentric exercise model. <i>Experimental Gerontology</i> , 2013, 48, 734-743.	1.2	16
80	Reduced metaboreflex control of blood pressure during exercise in individuals with intellectual disability: A possible contributor to exercise intolerance. <i>Research in Developmental Disabilities</i> , 2013, 34, 335-343.	1.2	12
81	Whole-body vibration training improves flexibility, strength profile of knee flexors, and hamstrings-to-quadriceps strength ratio in females. <i>Journal of Science and Medicine in Sport</i> , 2013, 16, 477-481.	0.6	32
82	An oxidant stimulus may induce both oxidative and reductive stress: the issue of redox individuality. <i>Free Radical Biology and Medicine</i> , 2013, 65, S37.	1.3	0
83	Age-Related Differences in Peak Handgrip Strength Between Wrestlers and Nonathletes During the Developmental Years. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 616-623.	1.0	23
84	Exercise as a model to study redox homeostasis in blood: the effect of protocol and sampling point. <i>Biomarkers</i> , 2012, 17, 28-35.	0.9	30
85	Muscle perfusion of posterior trunk and lower-limb muscles at rest and during upper-limb exercise in spinal cord-injured and able-bodied individuals. <i>Spinal Cord</i> , 2012, 50, 822-826.	0.9	3
86	Effect of a hippotherapy intervention program on static balance and strength in adolescents with intellectual disabilities. <i>Research in Developmental Disabilities</i> , 2012, 33, 2265-2270.	1.2	70
87	Low-Frequency Fatigue as an Indicator of Eccentric Exercise-Induced Muscle Injury: The Role of Vitamin E. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-9.	1.9	3
88	Blood Pressure Control at Rest and during Exercise in Obese Children and Adults. <i>Journal of Obesity</i> , 2012, 2012, 1-10.	1.1	20
89	Role of cardiorespiratory fitness and obesity on hemodynamic responses in children. <i>Journal of Sports Medicine and Physical Fitness</i> , 2012, 52, 311-8.	0.4	4
90	The extent of aerobic system activation during continuous and interval exercise protocols in young adolescents and men. <i>Applied Physiology, Nutrition and Metabolism</i> , 2011, 36, 128-136.	0.9	8

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91	Prediction of Peak Oxygen Uptake From a Maximal Treadmill Test in 12- to 18-Year-Old Active Male Adolescents. <i>Pediatric Exercise Science</i> , 2010, 22, 624-637.	0.5	9
92	The effects of heavy continuous versus long and short intermittent aerobic exercise protocols on oxygen consumption, heart rate, and lactate responses in adolescents. <i>European Journal of Applied Physiology</i> , 2010, 110, 17-26.	1.2	18
93	Altered hemodynamic regulation and reflex control during exercise and recovery in obese boys. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H2090-H2096.	1.5	45
94	Muscle fatigue during intermittent exercise in individuals with mental retardation. <i>Research in Developmental Disabilities</i> , 2010, 31, 388-396.	1.2	22
95	Fatigue resistance during high-intensity intermittent exercise from childhood to adulthood in males and females. <i>European Journal of Applied Physiology</i> , 2009, 106, 645-653.	1.2	56
96	An isoenergetic high-protein, moderate-fat diet does not compromise strength and fatigue during resistance exercise in women. <i>British Journal of Nutrition</i> , 2008, 100, 283-286.	1.2	12
97	The Contribution of Stretch-Shortening Cycle and Arm-Swing to Vertical Jumping Performance in Children, Adolescents, and Adult Basketball Players. <i>Pediatric Exercise Science</i> , 2008, 20, 379-389.	0.5	58
98	Effects of low- and high-volume resistance exercise on postprandial lipaemia. <i>British Journal of Nutrition</i> , 2007, 97, 471-477.	1.2	37
99	The Effects of a Twenty-Fourâ€“Week Aquatic Training Program on Muscular Strength Performance in Healthy Elderly Women. <i>Journal of Strength and Conditioning Research</i> , 2006, 20, 811.	1.0	128
100	Recovery during High-Intensity Intermittent Anaerobic Exercise in Boys, Teens, and Men. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 505-512.	0.2	82
101	The effects of resisted sled-pulling sprint training on acceleration and maximum speed performance. <i>Journal of Sports Medicine and Physical Fitness</i> , 2005, 45, 284-90.	0.4	25
102	Gender differences in post-infarction hypertrophy in end-stage failing hearts. <i>Journal of the American College of Cardiology</i> , 2003, 41, 300-306.	1.2	85
103	Preserved contractile function despite atrophic remodeling in unloaded rat hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 281, H1131-H1136.	1.5	33
104	Voltageâ€“dependent Ca <sup>2+</sup> release from the SR of feline ventricular myocytes is explained by Ca <sup>2+</sup> -induced Ca <sup>2+</sup> release. <i>Journal of Physiology</i> , 2000, 523, 533-548.	1.3	40
105	The effects of chronic exercise on anesthesia induced hepatotoxicity. <i>Medicine and Science in Sports and Exercise</i> , 2000, 32, 2024-2028.	0.2	4
106	Sodium/calcium exchange contributes to contraction and relaxation in failed human ventricular myocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999, 277, H714-H724.	1.5	49
107	The Sarcoplasmic Reticulum and the Na <sup>+</sup> /Ca <sup>2+</sup> Exchanger Both Contribute to the Ca <sup>2+</sup> Transient of Failing Human Ventricular Myocytes. <i>Circulation Research</i> , 1999, 84, 435-444.	2.0	153
108	Myocyte Recovery After Mechanical Circulatory Support in Humans With End-Stage Heart Failure. <i>Circulation</i> , 1998, 97, 2316-2322.	1.6	399

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109	Cellular Hypertrophy in Pacing-induced Cardiomyopathy. Journal of the American College of Cardiology, 1998, 31, 243A-244A.	1.2	0
110	Cellular Basis of Contractile Derangements of Hypertrophied Feline Ventricular Myocytes. Journal of Molecular and Cellular Cardiology, 1997, 29, 1823-1835.	0.9	67
111	Blunted cerebral oxygenation during exercise in systemic lupus erythematosus patients. Clinical and Experimental Rheumatology, 0, , .	0.4	0