

Iwona Rotter

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

1,526
citations

394421

19
h-index

377865

34
g-index

99
all docs

99
docs citations

99
times ranked

2407
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19: The Potential Treatment of Pulmonary Fibrosis Associated with SARS-CoV-2 Infection. <i>Journal of Clinical Medicine</i> , 2020, 9, 1917.	2.4	137
2	The Effects of Calcium, Magnesium, Phosphorus, Fluoride, and Lead on Bone Tissue. <i>Biomolecules</i> , 2021, 11, 506.	4.0	123
3	Early delirium after cardiac surgery: an analysis of incidence and risk factors in elderly (≥65) Tj ETQq1 1 0.784314 rgBT /Overlo 1061-1070.	2.9	114
4	Relationship between the Concentrations of Heavy Metals and Bioelements in Aging Men with Metabolic Syndrome. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 3944-3961.	2.6	101
5	Assessment of Mental Health Factors among Health Professionals Depending on Their Contact with COVID-19 Patients. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5849.	2.6	80
6	The effectiveness of virtual reality training in reducing the risk of falls among elderly people. <i>Clinical Interventions in Aging</i> , 2018, Volume 13, 2329-2338.	2.9	60
7	COVID-19: Pain Management in Patients with SARS-CoV-2 Infectionâ€”Molecular Mechanisms, Challenges, and Perspectives. <i>Brain Sciences</i> , 2020, 10, 465.	2.3	52
8	Serum Adiponectin and Leptin Concentrations in Relation to Body Fat Distribution, Hematological Indices and Lipid Profile in Humans. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 11528-11548.	2.6	46
9	Analysis of the relationship between the blood concentration of several metals, macro- and micronutrients and endocrine disorders associated with male aging. <i>Environmental Geochemistry and Health</i> , 2016, 38, 749-761.	3.4	40
10	Could Neutrophil-to-Lymphocyte Ratio (NLR) Serve as a Potential Marker for Delirium Prediction in Patients with Acute Ischemic Stroke? A Prospective Observational Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 1075.	2.4	40
11	<p>Diabetes and elevated preoperative HbA1c level as risk factors for postoperative delirium after cardiac surgery: an observational cohort study</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 511-521.	2.2	38
12	Interactions between 14 Elements in the Human Placenta, Fetal Membrane and Umbilical Cord. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1615.	2.6	33
13	The Effect of Pelvic Floor Muscles Exercise on Quality of Life in Women with Stress Urinary Incontinence and Its Relationship with Vaginal Deliveries: A Randomized Trial. <i>BioMed Research International</i> , 2019, 2019, 1-7.	1.9	28
14	Quality of Life in Women with Stage 1 Stress Urinary Incontinence after Application of Conservative Treatmentâ€”A Randomized Trial. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 577.	2.6	27
15	<p>Characteristics, Risk Factors And Outcome Of Early-Onset Delirium In Elderly Patients With First Ever Acute Ischemic Stroke - A Prospective Observational Cohort Study</p>. <i>Clinical Interventions in Aging</i> , 2019, Volume 14, 1771-1782.	2.9	27
16	The Impact of the COVID-19 Pandemic on Psychological Health and Insomnia among People with Chronic Diseases. <i>Journal of Clinical Medicine</i> , 2021, 10, 1206.	2.4	27
17	Evaluation of Mental Health Factors among People with Systemic Lupus Erythematosus during the SARS-CoV-2 Pandemic. <i>Journal of Clinical Medicine</i> , 2020, 9, 2872.	2.4	26
18	Effects of Socio-Demographic, Personality and Medical Factors on Quality of Life of Postmenopausal Women. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 6692-6708.	2.6	25

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19	Molecular Analysis of HLA-G in Women with High-Risk Pregnancy and Their Partners with Regard to Possible Complications. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 982.	2.6	23
20	Lipid Accumulation Product (LAP) as an Index of Metabolic and Hormonal Disorders in Aging Men. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2017, 125, 176-182.	1.2	22
21	Metabolic syndrome and benign prostatic hyperplasia: association or coincidence?. <i>Diabetology and Metabolic Syndrome</i> , 2015, 7, 94.	2.7	19
22	Articulation disorders and duration, severity and l-dopa dosage in idiopathic Parkinson's disease. <i>Neurologia I Neurochirurgia Polska</i> , 2015, 49, 302-306.	1.2	19
23	Balancing intubation time with postoperative risk in cardiac surgery patients – a retrospective cohort analysis. <i>Therapeutics and Clinical Risk Management</i> , 2018, Volume 14, 2203-2212.	2.0	19
24	Insomnia, Anxiety, and Depression Symptoms during the COVID-19 Pandemic May Depend on the Pre-Existent Health Status Rather than the Profession. <i>Brain Sciences</i> , 2021, 11, 1001.	2.3	17
25	The inflammatory effect of infection with <i>Hymenolepis diminuta</i> via the increased expression and activity of COX-1 and COX-2 in the rat jejunum and colon. <i>Experimental Parasitology</i> , 2016, 169, 69-76.	1.2	16
26	Relationship between serum magnesium concentration and metabolic and hormonal disorders in middle-aged and older men. <i>Magnesium Research</i> , 2015, 28, 99-107.	0.5	15
27	Molecular Analysis of the SRD5A1 and SRD5A2 Genes in Patients with Benign Prostatic Hyperplasia with Regard to Metabolic Parameters and Selected Hormone Levels. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1318.	2.6	15
28	Cross-Sectional Inverse Associations of Obesity and Fat Accumulation Indicators with Testosterone in Non-Diabetic Aging Men. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1207.	2.6	14
29	The Effects of Swimming Training in Cold Water on Antioxidant Enzyme Activity and Lipid Peroxidation in Erythrocytes of Male and Female Aged Rats. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 647.	2.6	14
30	Ischemic Stroke Risk Factors in Patients with Atrial Fibrillation Treated with New Oral Anticoagulants. <i>Journal of Clinical Medicine</i> , 2021, 10, 1223.	2.4	14
31	Immunoexpression of aromatase cytochrome P450 and 17 β -hydroxysteroid dehydrogenase in women's ovaries after menopause. <i>Journal of Ovarian Research</i> , 2014, 7, 52.	3.0	13
32	Relationships between FTO, $MC4R$, and $PPAR\gamma$ polymorphisms and the occurrence of selected metabolic and hormonal disorders in middle-aged and elderly men – a preliminary study. <i>Clinical Interventions in Aging</i> , 2016, Volume 11, 1723-1732.	2.9	13
33	Bone Health in Aging Men: Does Zinc and Cuprum Level Matter?. <i>Biomolecules</i> , 2021, 11, 237.	4.0	13
34	Pre-Stroke Statin Therapy Improves In-Hospital Prognosis Following Acute Ischemic Stroke Associated with Well-Controlled Nonvalvular Atrial Fibrillation. <i>Journal of Clinical Medicine</i> , 2021, 10, 3036.	2.4	13
35	Endometriosis"A Multifaceted Problem of a Modern Woman. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8177.	2.6	12
36	Differences between Subjective and Objective Assessment of Speech Deficiency in Parkinson Disease. <i>Journal of Voice</i> , 2018, 32, 715-722.	1.5	11

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37	The Efficacy of Inpatient vs. Home-Based Physiotherapy Following Coronary Artery Bypass Grafting. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2572.	2.6	11
38	Hormone concentration, metabolic disorders and immunoexpression of androgen and estrogen-alpha receptors in men with benign prostatic hyperplasia and testosterone deficiency syndrome. <i>Folia Histochemica Et Cytobiologica</i> , 2015, 53, 227-235.	1.5	11
39	Postoperative Delirium in Patients with Chronic Obstructive Pulmonary Disease after Coronary Artery Bypass Grafting. <i>Medicina (Lithuania)</i> , 2020, 56, 342.	2.0	10
40	The Impact of Acute Kidney Injury in the Perioperative Period on the Incidence of Postoperative Delirium in Patients Undergoing Coronary Artery Bypass Grafting—Observational Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1440.	2.6	10
41	Cardiac Delirium Index for Predicting the Occurrence of Postoperative Delirium in Adult Patients After Coronary Artery Bypass Grafting. <i>Clinical Interventions in Aging</i> , 2021, Volume 16, 487-495.	2.9	10
42	The Relationship between Diabetes Mellitus and Respiratory Function in Patients Eligible for Coronary Artery Bypass Grafting. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 907.	2.6	8
43	Deep Electromagnetic Stimulation and Radial Shock Wave Therapy in Back Pain. <i>Ortopedia Traumatologia Rehabilitacja</i> , 2018, 20, 189-195.	0.3	8
44	Can Metabolic Disorders in Aging Men Contribute to Prostatic Hyperplasia Eligible for Transurethral Resection of the Prostate (TURP)? <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 3327-3342.	2.6	7
45	Analysis of relationships between the concentrations of total testosterone and dehydroepiandrosterone sulfate and the occurrence of selected metabolic disorders in aging men. <i>Aging Male</i> , 2015, 18, 249-255.	1.9	7
46	Comparative assessment and monitoring of deterioration of articular organs using subjective and objective tools among patients with amyotrophic lateral sclerosis. <i>BMC Neurology</i> , 2019, 19, 241.	1.8	7
47	Acute and Chronic Pain Learning and Teaching in Medical School—An Observational Cross-Sectional Study Regarding Preparation and Self-Confidence of Clinical and Pre-Clinical Medical Students. <i>Medicina (Lithuania)</i> , 2019, 55, 533.	2.0	7
48	The Relationship between the HLA-G Polymorphism and sHLA-G Levels in Parental Pairs with High-Risk Pregnancy. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1546.	2.6	7
49	ASSESSMENT OF PSYCHOSOCIAL WORK CONDITIONS OF NURSES AT SELECTED HOSPITAL WARDS. <i>Medycyna Pracy</i> , 2014, , .	0.8	7
50	Post-Stroke Outcomes of Patients with Chronic Obstructive Pulmonary Disease. <i>Brain Sciences</i> , 2022, 12, 106.	2.3	7
51	Phosphorus Concentration in Knee Joint Structures of Patients Following Replacement Surgery. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 525.	2.6	6
52	Searching for Factors Influencing the Severity of the Symptoms of Long COVID. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8013.	2.6	6
53	Comparison between selected hormone and protein levels in serum and prostate tissue homogenates in men with benign prostatic hyperplasia and metabolic disorders. <i>Clinical Interventions in Aging</i> , 2018, Volume 13, 1375-1382.	2.9	5
54	The burden of chronic obstructive pulmonary disease in open heart surgery—a retrospective cohort analysis of postoperative complications. <i>Medicine (United States)</i> , 2020, 99, e19675.	1.0	5

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55	Effects of an immunosuppressive treatment on the rat prostate. Drug Design, Development and Therapy, 2016, Volume 10, 2899-2915.	4.3	4
56	Analysis of the Relationship between Estradiol and Follicle-Stimulating Hormone Concentrations and Polymorphisms of Apolipoprotein E and Leptin Genes in Women Post-Menopause. International Journal of Environmental Research and Public Health, 2016, 13, 543.	2.6	4
57	Changes in the bioelectric activity of the trapezius muscle following the thermal effect of red light and infrared radiation. Journal of Back and Musculoskeletal Rehabilitation, 2018, 31, 645-656.	1.1	4
58	Influence of Lineage-Negative Stem Cell Therapy on Articular Functions in ALS Patients. Stem Cells International, 2019, 2019, 1-11.	2.5	4
59	The Relationship between Eicosanoid Levels and Serum Levels of Metabolic and Hormonal Parameters Depending on the Presence of Metabolic Syndrome in Patients with Benign Prostatic Hyperplasia. International Journal of Environmental Research and Public Health, 2019, 16, 1006.	2.6	4
60	Articulation recovery in ALS patients after lineage-negative adjuvant cell therapy - preliminary report. International Journal of Medical Sciences, 2020, 17, 1927-1935.	2.5	4
61	Concentration of Selected Elements in the Infrapatellar Fat Pad of Patients with a History of Total Knee Arthroplasty. International Journal of Environmental Research and Public Health, 2019, 16, 1734.	2.6	3
62	Assessment of Sclerostin and Interleukin 6 Levels and Selected Anthropometric Parameters in Patients Receiving Hemodialysis Replacement Therapy – Pilot Study. Medicina (Lithuania), 2019, 55, 784.	2.0	3
63	The Relationship between Selected Bioelements and Depressiveness Associated with Testosterone Deficiency Syndrome in Aging Men. Medicina (Lithuania), 2020, 56, 125.	2.0	3
64	Assessment of the Relationship between Selected Factors and Stress-Coping Strategies in Handcyclists – A Preliminary Study. Medicina (Lithuania), 2020, 56, 211.	2.0	3
65	Assessment of Selected Anthropometric Parameters Influence on Balance Parameters in Children. Medicina (Lithuania), 2020, 56, 176.	2.0	3
66	Influence of metabolic syndrome on the relationship between fatty acids and the selected parameters in men with benign prostatic hyperplasia. Aging, 2019, 11, 1524-1536.	3.1	3
67	Influence of RehaCom Therapy on the Improvement of Manual Skills in Multiple Sclerosis Subjects. Annals of Rehabilitation Medicine, 2020, 44, 142-150.	1.6	3
68	Leg Length Discrepancy Treatment with Subtrochanteric Shortening Osteotomy and Blade Plate Fixation. Ortopedia Traumatologia Rehabilitacja, 2014, 16, 371-380.	0.3	3
69	Apoptosis and proliferation of the prostate cells in men with benign prostatic hyperplasia and concomitant metabolic disorders. Histology and Histopathology, 2018, 33, 389-397.	0.7	3
70	Seeking emotional support in primary care physicians by seniors. Family Medicine and Primary Care Review, 2015, 3, 185-188.	0.2	2
71	The impact of muscle tone on the development of auditory perception – research orientation. Family Medicine and Primary Care Review, 2017, 19, 382-386.	0.2	2
72	The parameters of carotid plaques – calcifications and clinical nature of the lesions in the context of revascularization treatment. The enlargement of calcifications is still the most important. Folia Neuropathologica, 2019, 57, 63-71.	1.2	2

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73	<p>>Physical Activity versus Sclerostin and Interleukin 6 Concentration in Patients Receiving Renal Replacement Therapy by Hemodialysis</p>>. Risk Management and Healthcare Policy, 2020, Volume 13, 1467-1475.	2.5	2
74	The Relationship between Selected Demographic Factors and Speech Organ Dysfunction in Sporadic ALS Patients. Medicina (Lithuania), 2020, 56, 390.	2.0	2
75	Humoral Influence of Repeated Lineage-Negative Stem/Progenitor Cell Administration on Articular Functions in ALS Patients. Stem Cells International, 2020, 2020, 1-13.	2.5	2
76	Relationship between concentrations of elements and geographic location in Poland. Annals of Agricultural and Environmental Medicine, 2021, 28, 283-290.	1.0	2
77	Complex interplay among fat, lean tissue, bone mineral density and bone turnover markers in older men. Aging, 2020, 12, 19539-19545.	3.1	2
78	The Impact of Major and Trace Elements in Serum and Bone on Dual-Energy X-Ray Absorptiometry-Derived Hip Strength. Calcified Tissue International, 2022, 110, 674-684.	3.1	2
79	Assessment of morphological changes and steroid receptors in the uteri of postmenopausal women. Histology and Histopathology, 2019, 34, 631-644.	0.7	2
80	The influence of immunosuppressants on the morphology, proliferating cell nuclear antigen (PCNA) and apoptosis in the rat ventral prostate. Histology and Histopathology, 2015, 30, 1089-100.	0.7	2
81	Influence of selected demographic factors on traumas in persons over 65 years of age reporting to the Hospital Medical Ward. Family Medicine and Primary Care Review, 2016, 1, 49-53.	0.2	1
82	Analysis of the influence of respiratory disorders observed in preoperative spirometry on the dynamics of early inflammatory response in patients undergoing isolated coronary artery bypass grafting. Clinical Interventions in Aging, 2017, Volume 12, 1123-1129.	2.9	1
83	The analysis of relationship between selected sociodemographic factors and disorders of speech organs in Parkinson's patients. BMC Neurology, 2017, 17, 221.	1.8	1
84	Analysis of the Relationship between the Levels of Androgens and Biochemical Bone Markers in Men Aged 60&ac822675 Years. International Journal of Environmental Research and Public Health, 2020, 17, 106.	2.6	1
85	The Effect of Selected Exercise Programs on the Quality of Life in Women with Grade 1 Stress Urinary Incontinence and Its Relationship with Various Body Mass Indices: A Randomized Trial. BioMed Research International, 2020, 2020, 1-7.	1.9	1
86	Ground-glass opacity on chest computed tomography in a young, athletic man with COVID-19-related pneumonia without hypoxemia. Polish Archives of Internal Medicine, 2020, 130, 548-549.	0.4	1
87	Therapeutic effect of a cleft lip teat on infants with respiratory and feeding disorders. Medicine (United States), 2018, 97, e11467.	1.0	0
88	The Relationship between the Concentration of Magnesium and the Presence of Depressive Symptoms and Selected Metabolic Disorders among Men over 50 Years of Age. Life, 2021, 11, 196.	2.4	0
89	THE EFFECT OF ELEVATED LEVELS OF GLYCOSYLATED HEMOGLOBIN ON PHYSICAL PERFORMANCE IN CARDIAC SURGERY PATIENTS. Issue of Rehabilitation, Orthopaedy, Neurophysiology and Sport Promotion-IRONS, 2021, 35, 7-15.	0.0	0
90	Sclerostin - a potential new marker of exercise influence on vascular calcification and mineral and bone disorder in hemodialysed adults. Journal of Education, Health and Sport, 2019, 9, 67.	0.1	0

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91	Physical activity amongst hemodialysed patients – why lack of motivation to exercise is present?. Pedagogy and Psychology of Sport, 2020, 6, 11.	0.2	0
92	Evaluation of effort tolerance in diabetic and non-diabetic patients undergoing cardiac rehabilitation after cardiac surgery. Journal of Education, Health and Sport, 2020, 10, 383.	0.1	0
93	Sarcopenia – risk factors, pathogenesis, diagnostic criteria. Pediatria I Medycyna Rodzinna, 2020, 16, 349-354.	0.1	0
94	THE IMPACT OF REGULAR FOOTBALL TRAINING ON BONE TURNOVER MARKERS. Issue of Rehabilitation, Orthopaedy, Neurophysiology and Sport Promotion-IRONS, 2020, 33, 31-40.	0.0	0
95	Assessment of the muscular strength of the global handgrip and physical activity in patients treated with renal replacement therapy (RRT) by hemodialysis. Pedagogy and Psychology of Sport, 2020, 6, 55.	0.2	0
96	Effectiveness of craniosacral therapy in musculoskeletal pain disorders. Journal of Education, Health and Sport, 2020, 10, 915-926.	0.1	0