

# Martin Komarc

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

10,559  
citations

393982

19  
h-index

155451

55  
g-index

71  
all docs

71  
docs citations

71  
times ranked

14411  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma Hsp90 levels in patients with systemic sclerosis and relation to lung and skin involvement: a cross-sectional and longitudinal study. <i>Scientific Reports</i> , 2021, 11, 1.	1.6	9,439
2	Czech mass methanol outbreak 2012: Epidemiology, challenges and clinical features. <i>Clinical Toxicology</i> , 2014, 52, 1013-1024.	0.8	108
3	Long-term visual damage after acute methanol poisonings: Longitudinal cross-sectional study in 50 patients. <i>Clinical Toxicology</i> , 2015, 53, 884-892.	0.8	78
4	Markers of oxidative damage of nucleic acids and proteins among workers exposed to TiO <sub>2</sub> (nano) particles. <i>Occupational and Environmental Medicine</i> , 2016, 73, 110-118.	1.3	76
5	Fomepizole versus ethanol in the treatment of acute methanol poisoning: Comparison of clinical effectiveness in a mass poisoning outbreak. <i>Clinical Toxicology</i> , 2015, 53, 797-806.	0.8	63
6	Serum calprotectin (S100A8/9): an independent predictor of ultrasound synovitis in patients with rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2015, 17, 252.	1.6	60
7	Oxidative stress markers are elevated in exhaled breath condensate of workers exposed to nanoparticles during iron oxide pigment production. <i>Journal of Breath Research</i> , 2016, 10, 016004.	1.5	59
8	Markers of lipid oxidative damage in the exhaled breath condensate of nano TiO <sub>2</sub> production workers. <i>Nanotoxicology</i> , 2017, 11, 52-63.	1.6	51
9	Raman microspectroscopy of exhaled breath condensate and urine in workers exposed to fine and nano TiO <sub>2</sub> particles: a cross-sectional study. <i>Journal of Breath Research</i> , 2015, 9, 036008.	1.5	50
10	Is the Measurement of Serum Formate Concentration Useful in the Diagnostics of Acute Methanol Poisoning? A Prospective Study of 38 Patients. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015, 116, 445-451.	1.2	48
11	Use of Out-of-Hospital Ethanol Administration to Improve Outcome in Mass Methanol Outbreaks. <i>Annals of Emergency Medicine</i> , 2016, 68, 52-61.	0.3	34
12	28-day post-operative persisted hypercoagulability after surgery for benign diseases: a prospective cohort study. <i>BMC Surgery</i> , 2016, 16, 16.	0.6	32
13	Relationship between serum calprotectin (S100A8/9) and clinical, laboratory and ultrasound parameters of disease activity in rheumatoid arthritis: A large cohort study. <i>PLoS ONE</i> , 2017, 12, e0183420.	1.1	32
14	Leukotrienes in exhaled breath condensate and fractional exhaled nitric oxide in workers exposed to TiO <sub>2</sub> nanoparticles. <i>Journal of Breath Research</i> , 2016, 10, 036004.	1.5	31
15	Progressive Chronic Retinal Axonal Loss Following Acute Methanol-induced Optic Neuropathy: Four-Year Prospective Cohort Study. <i>American Journal of Ophthalmology</i> , 2018, 191, 100-115.	1.7	30
16	Markers of lipid oxidative damage among office workers exposed intermittently to air pollutants including nanoTiO <sub>2</sub> particles. <i>Reviews on Environmental Health</i> , 2017, 32, 193-200.	1.1	26
17	Deep Airway Inflammation and Respiratory Disorders in Nanocomposite Workers. <i>Nanomaterials</i> , 2018, 8, 731.	1.9	25
18	Serum calprotectin may reflect inflammatory activity in patients with active rheumatoid arthritis despite normal to low C-reactive protein. <i>Clinical Rheumatology</i> , 2018, 37, 2055-2062.	1.0	23

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19	Markers of Oxidative Stress in the Exhaled Breath Condensate of Workers Handling Nanocomposites. <i>Nanomaterials</i> , 2018, 8, 611.	1.9	23
20	Clinical and genetic determinants of chronic visual pathway changes after methanol - induced optic neuropathy: four-year follow-up study. <i>Clinical Toxicology</i> , 2019, 57, 387-397.	0.8	20
21	Intermittent versus continuous renal replacement therapy in acute methanol poisoning: comparison of clinical effectiveness in mass poisoning outbreaks. <i>Annals of Intensive Care</i> , 2017, 7, 77.	2.2	19
22	Three-Year Study of Markers of Oxidative Stress in Exhaled Breath Condensate in Workers Producing Nanocomposites, Extended by Plasma and Urine Analysis in Last Two Years. <i>Nanomaterials</i> , 2020, 10, 2440.	1.9	18
23	Vertigo Perception and Quality of Life in Patients after Surgical Treatment of Vestibular Schwannoma with Pretreatment Prehabilitation by Chemical Vestibular Ablation. <i>BioMed Research International</i> , 2016, 2016, 1-6.	0.9	17
24	Prevalence and distribution of cartilage damage at the metacarpal head level in rheumatoid arthritis and osteoarthritis: an ultrasound study. <i>Rheumatology</i> , 2019, 58, 1206-1213.	0.9	17
25	Moderate sensorineural hearing loss is typical for DFNB16 caused by various types of mutations affecting the STRC gene. <i>European Archives of Oto-Rhino-Laryngology</i> , 2019, 276, 3353-3358.	0.8	15
26	Serum Calprotectin Discriminates Subclinical Disease Activity from Ultrasound-Defined Remission in Patients with Rheumatoid Arthritis in Clinical Remission. <i>PLoS ONE</i> , 2016, 11, e0165498.	1.1	14
27	The impact of co-morbidities on a 6-year survival after methanol mass poisoning outbreak: possible role of metabolic formaldehyde. <i>Clinical Toxicology</i> , 2020, 58, 241-253.	0.8	12
28	IL-40: A New B Cell-Associated Cytokine Up-Regulated in Rheumatoid Arthritis Decreases Following the Rituximab Therapy and Correlates With Disease Activity, Autoantibodies, and NETosis. <i>Frontiers in Immunology</i> , 2021, 12, 745523.	2.2	11
29	The repeated cytogenetic analysis of subjects occupationally exposed to nanoparticles: a pilot study. <i>Mutagenesis</i> , 2019, 34, 253-263.	1.0	10
30	The effect of a 24-week training focused on activities of daily living, muscle strengthening, and stability in idiopathic inflammatory myopathies: a monocentric controlled study with follow-up. <i>Arthritis Research and Therapy</i> , 2021, 23, 173.	1.6	8
31	What is the current clinical practice in pituitary adenoma surgery in Europe? European Pituitary Adenoma Surgery Survey (EU-PASS) resultsâ€”technical part. <i>Neurosurgical Review</i> , 2022, 45, 831-841.	1.2	8
32	Markers of nucleic acids and proteins oxidation among office workers exposed to air pollutants including (nano)TiO2 particles. <i>Neuroendocrinology Letters</i> , 2016, 37, 13-16.	0.2	8
33	Endocrinological aspects of pituitary adenoma surgery in Europe. <i>Scientific Reports</i> , 2022, 12, 6529.	1.6	8
34	The genotoxic effects in the leukocytes of workers handling nanocomposite materials. <i>Mutagenesis</i> , 2020, 35, 331-340.	1.0	7
35	The Periphery of Salivary Gland Carcinoma Tumors Reveals a PD-L1/PD-1 Biomarker Niche for the Evaluation of Disease Severity and Tumorâ€™Immune System Interplay. <i>Biomedicines</i> , 2021, 9, 97.	1.4	7
36	Fas-Fas Ligand Interplay in the Periphery of Salivary Gland Carcinomas as a New Checkpoint Predictor for Disease Severity and Immunotherapy Response. <i>Biomedicines</i> , 2021, 9, 402.	1.4	6

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37	Sexual function in patients with idiopathic inflammatory myopathies: a cross-sectional study. <i>Rheumatology</i> , 2021, 60, 5060-5072.	0.9	6
38	Are E-cigarette Users a Unique Group of Smokers? Latent Class Analysis of the National Youth Tobacco Survey. <i>Journal of Drug Education</i> , 2020, 49, 87-114.	0.1	6
39	Isolated low initial differential renal function in patients with primary non-refluxing megaureter should not be considered an indication for early surgery: A multicentric study. <i>Journal of Pediatric Urology</i> , 2016, 12, 231.e1-231.e4.	0.6	5
40	Assessment of visual sensation, psychiatric profile and quality of life following vestibular schwannoma surgery in patients prehabituated by chemical vestibular ablation. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2020, 164, 444-453.	0.2	5
41	Psychometric validation of Czech version of the Sport Motivation Scale. <i>PLoS ONE</i> , 2020, 15, e0227277.	1.1	4
42	The dysregulation of monocyte subpopulations in individuals at risk of developing rheumatoid arthritis. <i>Rheumatology</i> , 2021, 60, 1823-1831.	0.9	4
43	Myopic Correction with Iris-Fixated Phakic Intraocular Lenses: Twelve-Year Results. <i>Journal of Ophthalmology</i> , 2021, 2021, 1-10.	0.6	4
44	Pituitary Adenoma Surgery Survey: Neurosurgical Centers and Pituitary Adenomas. <i>International Journal of Endocrinology</i> , 2022, 2022, 1-7.	0.6	4
45	Comparison of Bioelectrical Impedance Analysis and Air Displacement Plethysmography. <i>International Journal of Morphology</i> , 2019, 37, 985-990.	0.1	3
46	Does a linear position transducer placed on a stick and belt provide sufficient validity and reliability of countermovement jump performance outcomes?. <i>Biology of Sport</i> , 2022, 39, 341-348.	1.7	3
47	Adolescent Transitions in Self-Management Strategies and Young Adult Alcohol Use. <i>Evaluation and the Health Professions</i> , 2021, 44, 25-41.	0.9	3
48	Plasma heat shock protein 90 levels in patients with spondyloarthritis and their relation to structural changes: a cross-sectional study. <i>Biomarkers in Medicine</i> , 2021, 15, 5-13.	0.6	3
49	Female Sexual Dysfunction and Pelvic Floor Muscle Function Associated with Systemic Sclerosis: A Cross-Sectional Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 612.	1.2	3
50	Tumor control and radiobiological fingerprint after Gamma Knife radiosurgery for posterior fossa meningiomas: A series of 46 consecutive cases. <i>Journal of Clinical Neuroscience</i> , 2022, 100, 196-203.	0.8	3
51	Efficiency of <sup>123</sup> I-ioflupane SPECT as the marker of basal ganglia damage in acute methanol poisoning: 6-year prospective study. <i>Clinical Toxicology</i> , 2021, 59, 235-245.	0.8	2
52	Hsp90 Levels in Idiopathic Inflammatory Myopathies and Their Association With Muscle Involvement and Disease Activity: A Cross-Sectional and Longitudinal Study. <i>Frontiers in Immunology</i> , 2022, 13, 811045.	2.2	2
53	A3.16â€¦Serum S100A4 correlates with skin fibrosis, lung involvement and disease activity in systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, A48.1-A48.	0.5	1
54	AB0203â€¦S100A4 Serum Levels Correlate with Disease Activity, Skin Fibrosis and Lung Involvement in Systemic Sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 871.1-871.	0.5	1

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55	The impact of hereditary thrombophilia on the incidence of postoperative venous thromboembolism in colorectal cancer patients: a prospective cohort study. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2019, 51, 5-12.	0.3	1
56	Psychometric validation of the Sexual Knowledge and Attitudes Test "Adolescents (SKAT-A) in an Iranian sample. <i>Cogent Psychology</i> , 2019, 6, 1585505.	0.6	1
57	Associations Between Student Engagement and Drug Use: Age and Gender Comparisons Using the California Healthy Kids Survey. <i>Contemporary School Psychology</i> , 2022, 26, 209-223.	0.9	1
58	The effect of a 24-week physiotherapy and occupational therapy program in systemic sclerosis: a monocentric controlled study with follow-up. <i>Clinical and Experimental Rheumatology</i> , 0, , .	0.4	1
59	SAT0205...Potential of US 7 Score in Evaluating of Disease Activity of Patients with Rheumatoid Arthritis in the State of Remission. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 664.1-664.	0.5	0
60	SAT0188...Serum Calprotectin (S100A8/9) Correlates with Clinical and Ultrasound Outcomes in Patients with Early Rheumatoid Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 658.1-658.	0.5	0
61	FRI0592...Serum Calprotectin is Associated with Ultrasound-Determined Active Synovitis in Patients with Rheumatoid Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 642.2-642.	0.5	0
62	AB0952...Serum Visfatin and Resistin, but Not Adiponectin or Leptin, Are Associated with Ultrasound Synovitis in Patients with Rheumatoid Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 1227.1-1227.	0.5	0
63	FRI0544...Impact of Education in Musculoskeletal Ultrasonography: Good To Excellent Reliability Results in Modified US7 Scoring System after One Year of Continuing Education since Basic or Intermediate Level of Training. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 637.1-637.	0.5	0
64	Distal urethral plate adhesions: New anatomical perspective in hypospadias. <i>Journal of Pediatric Urology</i> , 2018, 14, 164.e1-164.e5.	0.6	0
65	Reply. <i>American Journal of Ophthalmology</i> , 2018, 195, 247-248.	1.7	0
66	Elevated markers of lipid oxidative damage among workers exposed to engineered TiO <sub>2</sub> nanoparticles. , 2016, , .		0
67	Markers of inflammation among workers exposed to engineered TiO <sub>2</sub> nanoparticles. , 2016, , .		0
68	The effect of a 24-week physiotherapy and occupational therapy program in systemic sclerosis: a monocentric controlled study with follow-up.. <i>Clinical and Experimental Rheumatology</i> , 2022, , .	0.4	0