

# Marek Samec

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

2,320  
citations

201385

27  
h-index

233125

45  
g-index

54  
all docs

54  
docs citations

54  
times ranked

2219  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systemic Effects Reflected in Specific Biomarker Patterns Are Instrumental for the Paradigm Change in Prostate Cancer Management: A Strategic Paper. <i>Cancers</i> , 2022, 14, 675.	1.7	10
2	Interaction of cervical microbiome with epigenome of epithelial cells: Significance of inflammation to primary healthcare. <i>Biomolecular Concepts</i> , 2022, 13, 61-80.	1.0	6
3	Anti-breast cancer effects of phytochemicals: primary, secondary, and tertiary care. <i>EPMA Journal</i> , 2022, 13, 315-334.	3.3	34
4	Mitochondrial health quality control: measurements and interpretation in the framework of predictive, preventive, and personalized medicine. <i>EPMA Journal</i> , 2022, 13, 177-193.	3.3	35
5	Anti-prostate cancer protection and therapy in the framework of predictive, preventive and personalised medicine – comprehensive effects of phytochemicals in primary, secondary and tertiary care. <i>EPMA Journal</i> , 2022, 13, 461-486.	3.3	15
6	Flavonoids exert potential in the management of hypertensive disorders in pregnancy. <i>Pregnancy Hypertension</i> , 2022, 29, 72-85.	0.6	9
7	Flavonoids Targeting HIF-1: Implications on Cancer Metabolism. <i>Cancers</i> , 2021, 13, 130.	1.7	57
8	Mitochondriopathies as a Clue to Systemic Disorders – Analytical Tools and Mitigating Measures in Context of Predictive, Preventive, and Personalized (3P) Medicine. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2007.	1.8	29
9	Mitochondrial impairments in aetiopathology of multifactorial diseases: common origin but individual outcomes in context of 3P medicine. <i>EPMA Journal</i> , 2021, 12, 27-40.	3.3	44
10	Flavonoids as an effective sensitizer for anti-cancer therapy: insights into multi-faceted mechanisms and applicability towards individualized patient profiles. <i>EPMA Journal</i> , 2021, 12, 155-176.	3.3	71
11	Tamoxifen and oxidative stress: an overlooked connection. <i>Discover Oncology</i> , 2021, 12, 17.	0.8	16
12	The interplay between the vaginal microbiome and innate immunity in the focus of predictive, preventive, and personalized medical approach to combat HPV-induced cervical cancer. <i>EPMA Journal</i> , 2021, 12, 199-220.	3.3	16
13	Nrf2 signaling pathway in cisplatin chemotherapy: Potential involvement in organ protection and chemoresistance. <i>Pharmacological Research</i> , 2021, 167, 105575.	3.1	84
14	Flavonoids against the SARS-CoV-2 induced inflammatory storm. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111430.	2.5	102
15	Metabolic Anti-Cancer Effects of Melatonin: Clinically Relevant Prospects. <i>Cancers</i> , 2021, 13, 3018.	1.7	14
16	Comparison of SARS-CoV-2 Detection by Rapid Antigen and by Three Commercial RT-qPCR Tests: A Study from Martin University Hospital in Slovakia. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7037.	1.2	11
17	High-grade serous ovarian carcinoma and detection of inactivated BRCA genes from biopsy material of Slovak patients. <i>Neoplasma</i> , 2021, 68, 1107-1112.	0.7	1
18	Protective Effects of Flavonoids Against Mitochondriopathies and Associated Pathologies: Focus on the Predictive Approach and Personalized Prevention. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8649.	1.8	18

#	ARTICLE	IF	CITATIONS
19	Targeting phytoprotection in the COVID-19-induced lung damage and associated systemic effects—the evidence-based 3PM proposition to mitigate individual risks. EPMA Journal, 2021, 12, 325-347.	3.3	9
20	Endothelin-1 axes in the framework of predictive, preventive and personalised (3P) medicine. EPMA Journal, 2021, 12, 265-305.	3.3	46
21	Caution, “normal” BMI: health risks associated with potentially masked individual underweight—EPMA Position Paper 2021. EPMA Journal, 2021, 12, 243-264.	3.3	70
22	Multitargeting Effects of Calebin A on Malignancy of CRC Cells in Multicellular Tumor Microenvironment. Frontiers in Oncology, 2021, 11, 650603.	1.3	16
23	Rhus coriaria L. (Sumac) Demonstrates Oncostatic Activity in the Therapeutic and Preventive Model of Breast Carcinoma. International Journal of Molecular Sciences, 2021, 22, 183.	1.8	30
24	Circulating miRNA expression over the course of colorectal cancer treatment. Oncology Letters, 2021, 23, 18.	0.8	6
25	Homocysteine metabolism as the target for predictive medical approach, disease prevention, prognosis, and treatments tailored to the person. EPMA Journal, 2021, 12, 477-505.	3.3	58
26	Flavonoids against non-physiologic inflammation attributed to cancer initiation, development, and progression—3PM pathways. EPMA Journal, 2021, 12, 559-587.	3.3	47
27	Anticancer Potential of Lichens™ Secondary Metabolites. Biomolecules, 2020, 10, 87.	1.8	74
28	The role of plant-derived natural substances as immunomodulatory agents in carcinogenesis. Journal of Cancer Research and Clinical Oncology, 2020, 146, 3137-3154.	1.2	20
29	Pathway Analysis of Selected Circulating miRNAs in Plasma of Breast Cancer Patients: A Preliminary Study. International Journal of Molecular Sciences, 2020, 21, 7288.	1.8	14
30	Flavonoids against the Warburg phenotype—concepts of predictive, preventive and personalised medicine to cut the Gordian knot of cancer cell metabolism. EPMA Journal, 2020, 11, 377-398.	3.3	88
31	miRNA Expression Profiles in Luminal A Breast Cancer—Implications in Biology, Prognosis, and Prediction of Response to Hormonal Treatment. International Journal of Molecular Sciences, 2020, 21, 7691.	1.8	25
32	Carotenoids in Cancer Apoptosis—The Road from Bench to Bedside and Back. Cancers, 2020, 12, 2425.	1.7	65
33	Liquid Biopsy is Instrumental for 3PM Dimensional Solutions in Cancer Management. Journal of Clinical Medicine, 2020, 9, 2749.	1.0	26
34	Implications of flavonoids as potential modulators of cancer neovascularity. Journal of Cancer Research and Clinical Oncology, 2020, 146, 3079-3096.	1.2	31
35	Targeting Glucose Metabolism to Overcome Resistance to Anticancer Chemotherapy in Breast Cancer. Cancers, 2020, 12, 2252.	1.7	111
36	Carotenoids in Cancer Metastasis—Status Quo and Outlook. Biomolecules, 2020, 10, 1653.	1.8	32

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37	Cold Atmospheric Pressure Plasma (CAP) as a New Tool for the Management of Vulva Cancer and Vulvar Premalignant Lesions in Gynaecological Oncology. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7988.	1.8	15
38	Cell-free nucleic acid patterns in disease prediction and monitoring—hype or hope?. <i>EPMA Journal</i> , 2020, 11, 603-627.	3.3	58
39	Genoprotective activities of plant natural substances in cancer and chemopreventive strategies in the context of 3P medicine. <i>EPMA Journal</i> , 2020, 11, 261-287.	3.3	56
40	Flavonoids in Cancer Metastasis. <i>Cancers</i> , 2020, 12, 1498.	1.7	108
41	Chemopreventive and Therapeutic Efficacy of <i>Cinnamomum zeylanicum</i> L. Bark in Experimental Breast Carcinoma: Mechanistic In Vivo and In Vitro Analyses. <i>Molecules</i> , 2020, 25, 1399.	1.7	40
42	Dietary phytochemicals as the potential protectors against carcinogenesis and their role in cancer chemoprevention. <i>Clinical and Experimental Medicine</i> , 2020, 20, 173-190.	1.9	27
43	Rho GTPases in Gynecologic Cancers: In-Depth Analysis toward the Paradigm Change from Reactive to Predictive, Preventive, and Personalized Medical Approach Benefiting the Patient and Healthcare. <i>Cancers</i> , 2020, 12, 1292.	1.7	10
44	DNA Methylation Status in Cancer Disease: Modulations by Plant-Derived Natural Compounds and Dietary Interventions. <i>Biomolecules</i> , 2019, 9, 289.	1.8	41
45	Single nucleotide polymorphisms in MAP3K1, FGF10 and FGFR2 genes as breast cancer predictors. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2019, 234, e32.	0.5	0
46	The role of dietary phytochemicals in the carcinogenesis via the modulation of miRNA expression. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 1665-1679.	1.2	39
47	Why the Gold Standard Approach by Mammography Demands Extension by Multiomics? Application of Liquid Biopsy miRNA Profiles to Breast Cancer Disease Management. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2878.	1.8	53
48	Dietary Phytochemicals Targeting Cancer Stem Cells. <i>Molecules</i> , 2019, 24, 899.	1.7	72
49	Anticancer Activities of <i>Thymus vulgaris</i> L. in Experimental Breast Carcinoma in Vivo and in Vitro. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1749.	1.8	62
50	Breast Cancer in Young Women: Status Quo and Advanced Disease Management by a Predictive, Preventive, and Personalized Approach. <i>Cancers</i> , 2019, 11, 1791.	1.7	35
51	Fluctuations of Histone Chemical Modifications in Breast, Prostate, and Colorectal Cancer: An Implication of Phytochemicals as Defenders of Chromatin Equilibrium. <i>Biomolecules</i> , 2019, 9, 829.	1.8	19
52	Paclitaxel's Mechanistic and Clinical Effects on Breast Cancer. <i>Biomolecules</i> , 2019, 9, 789.	1.8	277
53	Plant natural modulators in breast cancer prevention: status quo and future perspectives reinforced by predictive, preventive, and personalized medical approach. <i>EPMA Journal</i> , 2018, 9, 403-419.	3.3	40
54	miRNA in a multiomic context for diagnosis, treatment monitoring and personalized management of metastatic breast cancer. <i>Future Oncology</i> , 2018, 14, 1847-1867.	1.1	28