

# Carolina Constantin

## List of Publications by Year in descending order

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Version: 2024-02-01

115  
papers

2,868  
citations

159358

30  
h-index

197535

49  
g-index

120  
all docs

120  
docs citations

120  
times ranked

3797  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Matrix Metalloproteinases in the Epithelial-Mesenchymal Transition of Hepatocellular Carcinoma. <i>Analytical Cellular Pathology</i> , 2019, 2019, 1-10.	0.7	209
2	Protein bio-corona: critical issue in immune nanotoxicology. <i>Archives of Toxicology</i> , 2017, 91, 1031-1048.	1.9	182
3	Inflammation and Metabolism in Cancer Cellâ€™s Mitochondria Key Player. <i>Frontiers in Oncology</i> , 2019, 9, 348.	1.3	115
4	Chemically induced skin carcinogenesis: Updates in experimental models (Review). <i>Oncology Reports</i> , 2016, 35, 2516-2528.	1.2	96
5	Human papilloma virus: Apprehending the link with carcinogenesis and unveiling new research avenues (Review). <i>International Journal of Oncology</i> , 2018, 52, 637-655.	1.4	90
6	Advances in Understanding the Immunological Pathways in Psoriasis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 739.	1.8	89
7	Inflammation: A key process in skin tumorigenesis (Review). <i>Oncology Letters</i> , 2018, 17, 4068-4084.	0.8	77
8	Critical assessment and integration of separate lines of evidence for risk assessment of chemical mixtures. <i>Archives of Toxicology</i> , 2019, 93, 2741-2757.	1.9	77
9	Epitranscriptomic Signatures in lncRNAs and Their Possible Roles in Cancer. <i>Genes</i> , 2019, 10, 52.	1.0	74
10	Genotoxic, cytotoxic, and cytopathological effects in rats exposed for 18 months to a mixture of 13 chemicals in doses below NOAEL levels. <i>Toxicology Letters</i> , 2019, 316, 154-170.	0.4	71
11	miRNAs in the Diagnosis and Prognosis of Skin Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 71.	1.8	68
12	Variations in the expression of TIMP1, TIMP2 and TIMP3 in cutaneous melanoma with regression and their possible function as prognostic predictors. <i>Oncology Letters</i> , 2016, 11, 3354-3360.	0.8	67
13	Markers of Oral Lichen Planus Malignant Transformation. <i>Disease Markers</i> , 2018, 2018, 1-13.	0.6	65
14	Cannabinoids in the Pathophysiology of Skin Inflammation. <i>Molecules</i> , 2020, 25, 652.	1.7	60
15	Neuroendocrine factors: The missing link in non-melanoma skin cancer. <i>Oncology Reports</i> , 2017, 38, 1327-1340.	1.2	55
16	Photodynamic therapy: A hot topic in dermato-oncology (Review). <i>Oncology Letters</i> , 2019, 17, 4085-4093.	0.8	55
17	Fullereneâ€™porphyrin nanostructures in photodynamic therapy. <i>Nanomedicine</i> , 2010, 5, 307-317.	1.7	53
18	Capsaicin: Physicochemical properties, cutaneous reactions and potential applications in painful and inflammatory conditions (Review). <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 916-925.	0.8	52

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19	Capsaicin: Friend or Foe in Skin Cancer and Other Related Malignancies?. <i>Nutrients</i> , 2017, 9, 1365.	1.7	47
20	Current and future applications of confocal laser scanning microscopy imaging in skin oncology (Review). <i>Oncology Letters</i> , 2019, 17, 4102-4111.	0.8	47
21	Immune-related biomarkers for diagnosis/prognosis and therapy monitoring of cutaneous melanoma. <i>Expert Review of Molecular Diagnostics</i> , 2010, 10, 897-919.	1.5	46
22	Neuroendocrine Factors and Head and Neck Squamous Cell Carcinoma: An Affair to Remember. <i>Disease Markers</i> , 2018, 2018, 1-12.	0.6	45
23	Proteomics focusing on immune markers in psoriatic arthritis. <i>Biomarkers in Medicine</i> , 2015, 9, 513-528.	0.6	44
24	Tumour Microenvironment in Skin Carcinogenesis. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1226, 123-142.	0.8	41
25	Immune Parameters in The Prognosis and Therapy Monitoring of Cutaneous Melanoma Patients: Experience, Role, and Limitations. <i>BioMed Research International</i> , 2013, 2013, 1-13.	0.9	40
26	In vivo confocal laser scanning microscopy imaging of skin inflammation: Clinical applications and research directions (Review). <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 1004-1011.	0.8	38
27	HPV strain distribution in patients with genital warts in a female population sample. <i>Oncology Letters</i> , 2016, 12, 1779-1782.	0.8	37
28	Chemokines in the Melanoma Metastasis Biomarkers Portrait. <i>Journal of Immunoassay and Immunochemistry</i> , 2015, 36, 559-566.	0.5	36
29	Back to basics in COVID-19: Antigens and antibodies—Completing the puzzle. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 4523-4533.	1.6	35
30	Protein microarray for complex apoptosis monitoring of dysplastic oral keratinocytes in experimental photodynamic therapy. <i>Biological Research</i> , 2014, 47, 33.	1.5	33
31	Inflammatory Cytokine Pattern Is Sex-Dependent in Mouse Cutaneous Melanoma Experimental Model. <i>Journal of Immunology Research</i> , 2017, 2017, 1-10.	0.9	33
32	COVID-19 vaccination and IgG and IgA antibody dynamics in healthcare workers. <i>Molecular Medicine Reports</i> , 2021, 24, .	1.1	33
33	Toxicological and efficacy assessment of post-transition metal (Indium) phthalocyanine for photodynamic therapy in neuroblastoma. <i>Oncotarget</i> , 2016, 7, 69718-69732.	0.8	31
34	IgY—Turning the page toward passive immunization in COVID-19 infection (Review). <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 151-158.	0.8	31
35	Immunomics in Skin Cancer - Improvement in Diagnosis, Prognosis and Therapy Monitoring. <i>Current Proteomics</i> , 2013, 10, 202-217.	0.1	30
36	Capsaicin: Effects on the Pathogenesis of Hepatocellular Carcinoma. <i>Molecules</i> , 2019, 24, 2350.	1.7	29

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37	Biomarkers of metastatic melanoma. <i>Biomarkers in Medicine</i> , 2009, 3, 71-89.	0.6	27
38	Inflammation markers in cutaneous melanoma - edgy biomarkers for prognosis. <i>Discoveries</i> , 2015, 3, e38.	1.5	25
39	Current Perspectives on the Role of Matrix Metalloproteinases in the Pathogenesis of Basal Cell Carcinoma. <i>Biomolecules</i> , 2021, 11, 903.	1.8	24
40	Safety and efficacy assessment of aerogels for biomedical applications. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112356.	2.5	24
41	Computational Models Using Multiple Machine Learning Algorithms for Predicting Drug Hepatotoxicity with the DILIrank Dataset. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2114.	1.8	23
42	The Effects of Capsaicin on Gastrointestinal Cancers. <i>Molecules</i> , 2021, 26, 94.	1.7	23
43	Microwave Synthesis, Basic Spectral and Biological Evaluation of Some Copper (II) Mesoporphyrinic Complexes. <i>Molecules</i> , 2010, 15, 3731-3743.	1.7	22
44	<i>Rosmarinus</i> plants: Key farm concepts towards food applications. <i>Phytotherapy Research</i> , 2020, 34, 1474-1518.	2.8	22
45	Synthesis, photophysical and cytotoxicity evaluation of A3B type mesoporphyrinic compounds. <i>Dyes and Pigments</i> , 2012, 95, 296-303.	2.0	21
46	Catecholamines Increase in Vitro Proliferation of Murine B16F10 Melanoma Cells. <i>Acta Endocrinologica</i> , 2014, 10, 545-558.	0.1	20
47	Synthetic porphyrins in experimental photodynamic therapy induce a different antitumoral effect. <i>Journal of Porphyrins and Phthalocyanines</i> , 2007, 11, 58-65.	0.4	16
48	The Role of Estrogens and Estrogen Receptors in Melanoma Development and Progression. <i>Acta Endocrinologica</i> , 2016, 12, 234-241.	0.1	16
49	Patented Biomarker Panels in Early Detection of Cancer. <i>Recent Patents on Biomarkers</i> , 2011, 1, 10-24.	0.3	15
50	Real-Time Investigation of Skin Blood Flow Changes Induced by Topical Capsaicin. <i>Acta Dermatovenerologica Croatica</i> , 2017, 25, 223-227.	0.1	15
51	Neuroendocrine Factors in Melanoma Pathogenesis. <i>Cancers</i> , 2021, 13, 2277.	1.7	14
52	Cisplatin effect on head and neck squamous cell carcinoma cells is modulated by ERK1/2 protein kinases. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 5041-5051.	0.8	14
53	Recent Advances in Signaling Pathways Comprehension as Carcinogenesis Triggers in Basal Cell Carcinoma. <i>Journal of Clinical Medicine</i> , 2020, 9, 3010.	1.0	13
54	Oxidative Stress: A Possible Trigger for Pelvic Organ Prolapse. <i>Journal of Immunology Research</i> , 2020, 2020, 1-11.	0.9	13

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55	Adverse outcome pathway in immunotoxicity of perfluoroalkyls. <i>Current Opinion in Toxicology</i> , 2021, 25, 23-29.	2.6	13
56	Alveolar blood clots and platelet-rich fibrin induce in vitro fibroblast proliferation and migration. <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 982-989.	0.8	12
57	Phenotypic changes of lymphocyte populations in psoriasiform dermatitis animal model. <i>Experimental and Therapeutic Medicine</i> , 2018, 17, 1030-1038.	0.8	12
58	Comparative effects of capsaicin in chronic obstructive pulmonary disease and asthma (Review). <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 917.	0.8	12
59	Physicochemical Characterization and Use of Heat Pretreated Commercial Instant Dry Baker's Yeast as a Potential Biosorbent for Cu(II) Removal. <i>Clean - Soil, Air, Water</i> , 2014, 42, 1632-1641.	0.7	11
60	Interrogating Epigenome toward Personalized Approach in Cutaneous Melanoma. <i>Journal of Personalized Medicine</i> , 2021, 11, 901.	1.1	11
61	Porphyrin (TPP)–Polyvinylpyrrolidone (PVP)–Fullerene (C <sub>60</sub> ) Triad as Novel Sensitizer in Photodynamic Therapy. <i>Science of Advanced Materials</i> , 2010, 2, 223-229.	0.1	11
62	Protein microarray technology: Assisting personalized medicine in oncology (Review). <i>World Academy of Sciences Journal</i> , 0, , .	0.4	11
63	Effectiveness of Platelet-Rich Plasma Therapy in Androgenic Alopecia—A Meta-Analysis. <i>Journal of Personalized Medicine</i> , 2022, 12, 342.	1.1	11
64	Natural killer cell monitoring in cutaneous melanoma - new dynamic biomarker. <i>Oncology Letters</i> , 2019, 17, 4197-4206.	0.8	10
65	Proteomic Technology –Lens–for Epithelial-Mesenchymal Transition Process Identification in Oncology. <i>Analytical Cellular Pathology</i> , 2019, 2019, 1-17.	0.7	10
66	Assessment of Immune Cell Populations in Tumor Tissue and Peripheral Blood Samples from Head and Neck Squamous Cell Carcinoma Patients. <i>Analytical Cellular Pathology</i> , 2021, 2021, 1-7.	0.7	10
67	Imbalance of peripheral B lymphocytes and NK cells in rheumatoid arthritis. <i>Journal of Cellular and Molecular Medicine</i> , 2003, 7, 79-88.	1.6	9
68	Nano-carriers of COVID-19 vaccines: the main pillars of efficacy. <i>Nanomedicine</i> , 2021, 16, 2377-2387.	1.7	8
69	Testing Antigens, Antibodies, and Immune Cells in COVID-19 as a Public Health Topic—Experience and Outlines. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 13173.	1.2	8
70	Persistent Changes of Peripheral Blood Lymphocyte Subsets in Patients with Oral Squamous Cell Carcinoma. <i>Healthcare (Switzerland)</i> , 2022, 10, 342.	1.0	8
71	Spectrum of morphologic alterations of regression in cutaneous melanoma—potential for improving disease prognosis. <i>Romanian Journal of Internal Medicine</i> , 2012, 50, 145-53.	0.4	7
72	Matrix Effectors in the Pathogenesis of Keratinocyte-Derived Carcinomas. <i>Frontiers in Medicine</i> , 2022, 9, 879500.	1.2	7

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73	Unveiling Ga(III) phthalocyanine as a different photosensitizer in neuroblastoma cellular model. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 1086-1094.	1.6	6
74	Biomarkers Insights in Psoriasis - Regulatory Cytokines. <i>Current Biomarkers</i> , 2018, 7, 3-11.	0.3	6
75	Skin Cancer Research Goes Digital: Looking for Biomarkers within the Droplets. <i>Journal of Personalized Medicine</i> , 2022, 12, 1136.	1.1	6
76	Preliminary study on the immunologic background of good clinical outcome in rheumatoid arthritis patients after one month therapy with leflunomide. <i>Rheumatology International</i> , 2009, 29, 937-946.	1.5	5
77	Sensitizer localization and immune response in photodynamic therapy of B16 cells. <i>Laser Physics</i> , 2011, 21, 576-581.	0.6	5
78	Peripheral immune cell markers in children with recurrent respiratory infections in the absence of primary immunodeficiency. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 1693-1700.	0.8	5
79	Unconventional Therapy with IgY in a Psoriatic Mouse Model Targeting Gut Microbiome. <i>Journal of Personalized Medicine</i> , 2021, 11, 841.	1.1	5
80	Nanomedicine in Melanoma: Current Trends and Future Perspectives. , 0, , 143-159.		5
81	Reinforcing involvement of NK cells in psoriasiform dermatitis animal model. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 4956-4966.	0.8	5
82	Whole Body Microwave Irradiation for Improved Dacarbazine Therapeutical Action in Cutaneous Melanoma Mouse Model. <i>Radiology Research and Practice</i> , 2013, 2013, 1-10.	0.6	4
83	Aggregation Behavior of Some Asymmetric Porphyrins versus Basic Biological Tests Response. <i>International Journal of Photoenergy</i> , 2015, 2015, 1-11.	1.4	4
84	AFM imaging, fractal analysis and in vitro cytotoxicity evaluation of Zn(II) vs. Cu(II) porphyrins. <i>Chaos, Solitons and Fractals</i> , 2015, 77, 304-309.	2.5	4
85	Innovative array-based assay for omics pattern in melanoma. <i>Journal of Immunoassay and Immunochemistry</i> , 2017, 38, 343-354.	0.5	4
86	Immunoassay Techniques Highlighting Biomarkers in Immunogenetic Diseases. , 0, , .		4
87	Signal Transduction in Immune Cells and Protein Kinases. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1275, 133-149.	0.8	4
88	The effect of laser activation of 5,10,15,20-tetra-sulphophenyl-porphyrin loaded in K562 cells and human normal mononuclear cells. <i>Roumanian Archives of Microbiology and Immunology</i> , 2004, 63, 159-68.	0.1	4
89	Plasma membrane potential interferes with the respiratory burst of peripheral granulocytes. <i>Journal of Cellular and Molecular Medicine</i> , 2003, 7, 73-78.	1.6	3
90	Preliminary Insights in Oxytocin Association with the Onset of Diabetic Neuropathy. <i>Acta Endocrinologica</i> , 2017, 13, 249-253.	0.1	3

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91	Statistical correlations between peripheral blood lymphocyte subpopulations and tumor inflammatory infiltrate in stage I of skin melanoma. <i>Romanian Journal of Morphology and Embryology</i> , 2010, 51, 693-9.	0.4	3
92	Patented Biomarker Panels in Early Detection of Cancer. <i>Recent Patents on Biomarkers</i> , 2011, 1, 10-24.	0.3	2
93	New Insights in Cutaneous Melanoma Immune-Therapy – Tackling Immune-Suppression and Specific Anti-Tumoral Response. , 0, , .		2
94	Squamous Cell Carcinoma: Biomarkers and Potential Therapeutic Targets. , 2018, , .		2
95	Surface-Enhanced Laser Desorption/Ionization Mass Spectrometry for Biomarker Discovery in Cutaneous Melanoma. <i>Current Proteomics</i> , 2017, 14, 100-111.	0.1	2
96	Fluorescent Porphyrin with an Increased Uptake in Peripheral Blood Cell Subpopulations from Colon Cancer Patients. <i>Medicinal Chemistry</i> , 2015, 11, 354-363.	0.7	2
97	Serum markers in skin melanoma–preliminary study. <i>Roumanian Archives of Microbiology and Immunology</i> , 2009, 68, 125-35.	0.1	2
98	Mechanisms in photodynamic therapy: photosensitizers and cellular localization on K562 cells. , 2007, , .		1
99	<title>Laser effect in photodynamic therapy of tumors</title>. , 2007, , .		1
100	Immunotoxicology of mycotoxins produced by <i>Fusarium fungi</i> – Low concentrations of deoxynivalenol interfere with nucleotide metabolism. <i>Toxicology Letters</i> , 2007, 172, S49.	0.4	1
101	Potential intracellular tracker capacity of novel synthetic metalloporphyrins. <i>Toxicology Letters</i> , 2011, 205, S61.	0.4	1
102	Atomic force microscopy and dark-toxicity pattern of unsymmetrical metallated porphyrins M(II)P-type as theranostics agents. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019, 245, 85-94.	1.7	1
103	Snapshot – changing melanocyte identity in melanoma developing route. , 2020, 1, 33-47.		1
104	Syncytial virus respiratory infections in children – immunological aspects. <i>Reviews in Biological and Biomedical Sciences</i> , 2019, 2, 29-39.	0.1	1
105	Schwann Cell Plasticity in Peripheral Nerve Regeneration after Injury. , 0, , .		1
106	Patterns of peripheral cellular immune disorders in severe rheumatoid arthritis. <i>Roumanian Archives of Microbiology and Immunology</i> , 2005, 64, 17-26.	0.1	1
107	Biomarkers discovery in cancer–up-dates in methodology. <i>Roumanian Archives of Microbiology and Immunology</i> , 2010, 69, 48-55.	0.1	1
108	The effect of novel nucleoside analogues on normal and neoplastic immune cells. <i>Toxicology Letters</i> , 2007, 172, S150.	0.4	0

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109	Nano-engineered materials based on fullerenes: synthesis and biomedical applications. , 2010, , .		0
110	Highlights from the field of biomarkers in melanoma. Biomarkers in Medicine, 2014, 8, 617-619.	0.6	0
111	Photosensitizers Imprinting Intracellular Signaling Pathways in Dermato-Oncology Therapy. , 2017, , .		0
112	Updates on current biomarkers in toxicology. , 2021, , 191-204.		0
113	Unstable angina is accompanied by immune cells dysfunction. Roumanian Archives of Microbiology and Immunology, 2004, 63, 169-80.	0.1	0
114	Biochemical changes in rat testis induced in vitro by reactive oxygen species. Roumanian Archives of Microbiology and Immunology, 2006, 65, 135-40.	0.1	0
115	Immune Markers in Psoriasis. , 0, , .		0