

Antonio Facchiano

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

9,176
citations

159358

30
h-index

45213

90
g-index

108
all docs

108
docs citations

108
times ranked

18906
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (edition</i>	4.3	1,430
3	Beneficial Role of Phytochemicals on Oxidative Stress and Age-Related Diseases. <i>BioMed Research International</i> , 2019, 2019, 1-16.	0.9	282
4	Novel anti-inflammatory peptides from the region of highest similarity between uteroglobin and lipocortin I. <i>Nature</i> , 1988, 335, 726-730.	13.7	239
5	Multifaceted Roles of GSK-3 in Cancer and Autophagy-Related Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-14.	1.9	163
6	Skin lesion image segmentation using Delaunay Triangulation for melanoma detection. <i>Computerized Medical Imaging and Graphics</i> , 2016, 52, 89-103.	3.5	158
7	MicroRNA profiling reveals that miR-21, miR486 and miR-214 are upregulated and involved in cell survival in SÅ©zary syndrome. <i>Cell Death and Disease</i> , 2011, 2, e151-e151.	2.7	119
8	HMGB1-stimulated human primary cardiac fibroblasts exert a paracrine action on human and murine cardiac stem cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2008, 44, 683-693.	0.9	97
9	Canakinumab in adults with steroidâ€refractory pyoderma gangrenosum. <i>British Journal of Dermatology</i> , 2015, 173, 1216-1223.	1.4	95
10	The role of transglutaminase-2 and its substrates in human diseases. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 1758.	3.0	80
11	TNF-alpha and metalloproteases as key players in melanoma cells aggressiveness. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 326.	3.5	73
12	Cancer Microenvironment and Endoplasmic Reticulum Stress Response. <i>Mediators of Inflammation</i> , 2015, 2015, 1-11.	1.4	71
13	RGDS peptide induces caspase 8 and caspase 9 activation in human endothelial cells. <i>Blood</i> , 2004, 103, 4180-4187.	0.6	67
14	Flexibility plot of proteins. <i>Protein Engineering, Design and Selection</i> , 1989, 2, 497-504.	1.0	61
15	Increase of plasma IL-9 and decrease of plasma IL-5, IL-7, and IFN-Î³ in patients with chronic heart failure. <i>Journal of Translational Medicine</i> , 2011, 9, 28.	1.8	60
16	Mutant p53 gains new function in promoting inflammatory signals by repression of the secreted interleukin-1 receptor antagonist. <i>Oncogene</i> , 2015, 34, 2493-2504.	2.6	59
17	Ion channels expression and function are strongly modified in solid tumors and vascular malformations. <i>Journal of Translational Medicine</i> , 2016, 14, 285.	1.8	55
18	Platelet-derived growth factor inhibits basic fibroblast growth factor angiogenic properties in vitro and in vivo through its Î± receptor. <i>Blood</i> , 2002, 99, 2045-2053.	0.6	54

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19	Inhibition of pancreatic phospholipase A2 activity by uteroglobin and antinflammin peptides: Possible mechanism of action. <i>Life Sciences</i> , 1991, 48, 453-464.	2.0	52
20	WIPI1, BAG1, and PEX3 Autophagy-Related Genes Are Relevant Melanoma Markers. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	1.9	50
21	Comprehensive analysis of PTEN status in S�azary syndrome. <i>Blood</i> , 2013, 122, 3511-3520.	0.6	47
22	Sugar-Induced Modification of Fibroblast Growth Factor 2 Reduces Its Angiogenic Activity in Vivo. <i>American Journal of Pathology</i> , 2002, 161, 531-541.	1.9	46
23	Identification of a Novel Domain of Fibroblast Growth Factor 2 Controlling Its Angiogenic Properties. <i>Journal of Biological Chemistry</i> , 2003, 278, 8751-8760.	1.6	40
24	Heterodimerization of FGF-receptor 1 and PDGF-receptor-�: a novel mechanism underlying the inhibitory effect of PDGF-BB on FGF-2 in human cells. <i>Blood</i> , 2006, 107, 1896-1902.	0.6	40
25	Autophagy in Prostate Cancer and Androgen Suppression Therapy. <i>International Journal of Molecular Sciences</i> , 2013, 14, 12090-12106.	1.8	40
26	Homology between rabbit uteroglobin and the rat seminal vesicle sperm-binding protein: Prediction of structural features of glutamine substrates for transglutaminase. <i>The Protein Journal</i> , 1987, 6, 353.	1.1	36
27	Lipid Storage and Autophagy in Melanoma Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1271.	1.8	35
28	Modification of Job�'s method for determining the stoichiometry of protein�'protein complexes. <i>Analytical Biochemistry</i> , 2003, 313, 170-172.	1.1	34
29	An Endogenous Electron Spin Resonance (ESR) Signal Discriminates Nevi from Melanomas in Human Specimens: A Step Forward in Its Diagnostic Application. <i>PLoS ONE</i> , 2012, 7, e48849.	1.1	33
30	The murine Tc11 oncogene: embryonic and lymphoid cell expression. <i>Oncogene</i> , 1997, 15, 919-926.	2.6	32
31	Platelet-Derived Growth Factor-Receptor � Strongly Inhibits Melanoma Growth In Vitro and In Vivo. <i>Neoplasia</i> , 2009, 11, 732-737.	2.3	32
32	Inhibition of Phospholipase A2 by Uteroglobin and Antiflammin Peptides. <i>Advances in Experimental Medicine and Biology</i> , 1990, 279, 137-160.	0.8	31
33	Nicotinamide inhibits melanoma in vitro and in vivo. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 211.	3.5	30
34	The amino acid sequence of a protein from wheat kernel closely related to proteins involved in the mechanisms of plant defence. <i>The Protein Journal</i> , 1993, 12, 379-386.	1.1	29
35	Thyroid Hormone Binding to Isolated Human Apolipoproteins A-II, C-I, C-II, and C-III: Homology in Thyroxine Binding Sites. <i>Thyroid</i> , 1994, 4, 261-267.	2.4	29
36	The Role of Autophagy in Liver Epithelial Cells and Its Impact on Systemic Homeostasis. <i>Nutrients</i> , 2019, 11, 827.	1.7	29

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37	Active Sequences Collection (ASC) database: a new tool to assign functions to protein sequences. <i>Nucleic Acids Research</i> , 2003, 31, 379-382.	6.5	28
38	Platelet-derived Growth Factor-BB and Basic Fibroblast Growth Factor Directly Interact in Vitro with High Affinity. <i>Journal of Biological Chemistry</i> , 2002, 277, 1284-1291.	1.6	27
39	Intracellular targets of RGDS peptide in melanoma cells. <i>Molecular Cancer</i> , 2010, 9, 84.	7.9	27
40	Non-animal models in dermatological research. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2019, 36, 177-202.	0.9	25
41	Amino acid composition and N-terminal sequence of purified Cystine Binding Protein of <i>Escherichia coli</i> . <i>Life Sciences</i> , 1993, 52, 1209-1215.	2.0	24
42	Autophagy modulators sensitize prostate epithelial cancer cell lines to TNF-alpha-dependent apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2012, 17, 1210-1222.	2.2	24
43	Comparative Study of Cytokine Content in the Plasma and Wound Exudate from Children with Severe Burns. <i>Bulletin of Experimental Biology and Medicine</i> , 2009, 148, 771-775.	0.3	23
44	PDGFR-alpha inhibits melanoma growth via CXCL10/IP-10: a multi-omics approach. <i>Oncotarget</i> , 2016, 7, 77257-77275.	0.8	22
45	Nailfold capillaroscopic parameters and skin telangiectasia patterns in patients with systemic sclerosis. <i>Microvascular Research</i> , 2017, 111, 20-24.	1.1	21
46	Ion Channel Expression in Human Melanoma Samples: In Silico Identification and Experimental Validation of Molecular Targets. <i>Cancers</i> , 2019, 11, 446.	1.7	21
47	Homologies of the thyroid sodium-iodide symporter with bacterial and viral proteins. <i>Journal of Endocrinological Investigation</i> , 1999, 22, 535-540.	1.8	20
48	A novel RGDS-analog inhibits angiogenesis in vitro and in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2004, 321, 809-814.	1.0	20
49	Inhibition of interleukin-1 release and activity by the rat seminal vesicle protein SV-IV. <i>Journal of Leukocyte Biology</i> , 1993, 53, 214-222.	1.5	19
50	Glycated Fibroblast Growth Factor-2 Is Quickly Produced in Vitro upon Low-Millimolar Glucose Treatment and Detected in Vivo in Diabetic Mice. <i>Molecular Endocrinology</i> , 2006, 20, 2806-2818.	3.7	19
51	Oxidative Stress Induces HSP90 Upregulation on the Surface of Primary Human Endothelial Cells: Role of the Antioxidant 7,8-Dihydroxy-4-methylcoumarin in Preventing HSP90 Exposure to the Immune System. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-9.	1.9	19
52	Tissue transglutaminase activity protects from cutaneous melanoma metastatic dissemination: an in vivo study. <i>Amino Acids</i> , 2013, 44, 53-61.	1.2	16
53	Differential Denaturation of Serum Proteome Reveals a Significant Amount of Hidden Information in Complex Mixtures of Proteins. <i>PLoS ONE</i> , 2013, 8, e57104.	1.1	16
54	The FGF-2-Derived Peptide FREG Inhibits Melanoma Growth In Vitro and In Vivo. <i>Molecular Therapy</i> , 2011, 19, 266-273.	3.7	14

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55	Theophylline induces differentiation and modulates cytoskeleton dynamics and cytokines secretion in human melanoma-initiating cells. <i>Life Sciences</i> , 2019, 230, 121-131.	2.0	14
56	Cogan's syndrome as an autoimmune disease. <i>Lancet, The</i> , 2003, 361, 530-531.	6.3	13
57	Melanoma Detection Using Delaunay Triangulation. , 2015, , .		12
58	Investigating Serum and Tissue Expression Identified a Cytokine/Chemokine Signature as a Highly Effective Melanoma Marker. <i>Cancers</i> , 2020, 12, 3680.	1.7	12
59	An investigation into the molecular basis of cancer comorbidities in coronavirus infection. <i>FEBS Open Bio</i> , 2020, 10, 2363-2374.	1.0	10
60	Reply to Jakovac: About COVID-19 and vitamin D. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E838-E838.	1.8	10
61	Melanoma Cell Resistance to Vemurafenib Modifies Inter-Cellular Communication Signals. <i>Biomedicines</i> , 2021, 9, 79.	1.4	10
62	Homology of calcitonin with the amyloid-related proteins. <i>Journal of Endocrinological Investigation</i> , 1994, 17, 119-122.	1.8	9
63	<scp>BAMM</scp>: a preliminary Bibliometric Analysis on Melanoma Manuscripts. <i>Pigment Cell and Melanoma Research</i> , 2013, 26, 415-417.	1.5	9
64	Identification of Serum Regression Signs in Infantile Hemangioma. <i>PLoS ONE</i> , 2014, 9, e88545.	1.1	9
65	RAM, an RGDS Analog, Exerts Potent Anti-Melanoma Effects In Vitro and In Vivo. <i>PLoS ONE</i> , 2011, 6, e25352.	1.1	9
66	Association of Dermoscopic Profiles of Telangiectases with Nailfold Videocapillaroscopic Patterns in Patients with Systemic Sclerosis. <i>Journal of Rheumatology</i> , 2013, 40, 1630-1632.	1.0	7
67	Transglutaminase type 2 affects cell migration through post-translational modification of platelet-derived growth factor-BB. <i>Amino Acids</i> , 2017, 49, 473-481.	1.2	7
68	c-Flip KO fibroblasts display lipid accumulation associated with endoplasmic reticulum stress. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 929-936.	1.2	6
69	Deep Convolutional Pixel-wise Labeling for Skin Lesion Image Segmentation. , 2018, , .		6
70	Melanogenesis and autophagy in melanoma. <i>Melanoma Research</i> , 2020, 30, 530-531.	0.6	6
71	Targeting Melanoma-Initiating Cells by Caffeine: In Silico and In Vitro Approaches. <i>Molecules</i> , 2021, 26, 3619.	1.7	6
72	Expression of Genes Related to Lipid Handling and the Obesity Paradox in Melanoma: Database Analysis. <i>JMIR Cancer</i> , 2020, 6, e16974.	0.9	6

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73	Divergent evolution may link human immunodeficiency virus GP41 to human CD4. <i>Journal of Molecular Evolution</i> , 1993, 36, 448-457.	0.8	5
74	Internal repeats of prion protein and A β ±PP, and reciprocal similarity with the amyloid-related proteins. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 1999, 6, 250-255.	1.4	5
75	RGDS peptide inhibits activation of lymphocytes and adhesion of activated lymphocytes to human umbilical vein endothelial cells in vitro. <i>Immunology and Cell Biology</i> , 2005, 83, 25-32.	1.0	4
76	Balance of transforming growth factor- β 1 and platelet-derived growth factor-BB is associated with kidney allograft rejection. <i>Annals of Clinical Biochemistry</i> , 2008, 45, 213-214.	0.8	4
77	Thrombin-mediated impairment of fibroblast growth factor- β 2 activity. <i>FEBS Journal</i> , 2009, 276, 3277-3289.	2.2	4
78	The design of a specific ligand of HIV gp120. , 1997, 3, 383-390.		3
79	Preliminary results of a counselling programme for fertility preservation in female cancer patients: The experience of the GEMME DORMIENTI network. <i>European Journal of Cancer Care</i> , 2020, 29, e13174.	0.7	3
80	FAST (Flexible Analysis by Software Tool) and CHAMP (CHemico-physical AMinoacidic Parameter data) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.8	2
81	LETTER TO THE EDITOR. <i>Journal of Internal Medicine</i> , 1995, 237, 525-526.	2.7	2
82	Investigating hypothetical products from noncoding frames (HyPNoFs). <i>Journal of Molecular Evolution</i> , 1995, 40, 570-577.	0.8	2
83	Protein structure prediction and biomolecular recognition: From protein sequence to peptidomimetic design with the human β 3 integrin. <i>SAR and QSAR in Environmental Research</i> , 2002, 13, 473-486.	1.0	2
84	Therapeutic implications of autophagy modulation in prostate cancer. <i>Journal of Endocrinological Investigation</i> , 2012, 35, 945-945.	1.8	2
85	Editorial on Special Issue "Advances and Novel Treatment Options in Metastatic Melanoma" <i>Cancers</i> , 2022, 14, 707.	1.7	2
86	Skin Lesion Area Segmentation Using Attention Squeeze U-Net for Embedded Devices. <i>Journal of Digital Imaging</i> , 2022, 35, 1217-1230.	1.6	2
87	New graphic representation of structural parameters of proteins. <i>Bioinformatics</i> , 1988, 4, 303-305.	1.8	1
88	Coding in noncoding frames. <i>Trends in Genetics</i> , 1996, 12, 168-169.	2.9	1
89	Rational design of biologically active peptides: inhibition of T cell activation through interference with CD4 function. <i>Transplant International</i> , 2000, 13, S306-S310.	0.8	1
90	RGDS peptide inhibits activation of lymphocytes and adhesion of activated lymphocytes to human umbilical vein endothelial cells in vitro. <i>Immunology and Cell Biology</i> , 2005, 83, 25-32.	1.0	1

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91	Letter to the Editor: "œlon Channels in Brain Metastasis" Ion Channels in Cancer Set up and Metastatic Progression. International Journal of Molecular Sciences, 2017, 18, 718.	1.8	1
92	Expression of Autoimmunity-Related Genes in Melanoma. Cancers, 2022, 14, 991.	1.7	1
93	Converter: a program to convert crystallographic coordinates among different molecular graphics standards on PC-IBM platforms. Bioinformatics, 1991, 7, 395-396.	1.8	0
94	A histidine binding protein of Escherichia coli: a component of cystine binding protein of Escherichia coli. Amino Acids, 1993, 5, 39-50.	1.2	0
95	Rational design of biologically active peptides: inhibition of T cell activation through interference with CD4 function Transplant Int (2000) 13 [Suppl 1]: S306-S310. Transplant International, 2000, 13, 456-461.	0.8	0
96	Local Homologies of Menin with Tumor Suppressor Gene Products and Other Proteins. International Journal on Disability and Human Development, 2000, 1, .	0.2	0
97	Short-Term Sugar Exposure Significantly Modifies FGF-2 Structure and Angiogenic Functions: Pathophysiological Implications. Annals of the New York Academy of Sciences, 2005, 1043, 912-912.	1.8	0
98	PO-31 Thrombin cleaves in vitro FGF-2 and modulates its biological activity. Thrombosis Research, 2007, 120, S155.	0.8	0
99	AB1286...Dermoscopic images of telangiectasias and nailfold videocapillaroscopic patterns in systemic sclerosis patients. Annals of the Rheumatic Diseases, 2013, 71, 711.6-711.	0.5	0
100	FR10457...Nailfold Videocapillaroscopic Microvascular Abnormalities and Dermoscope Profiles of Telangiectases in Patients with Systemic Sclerosis. Annals of the Rheumatic Diseases, 2015, 74, 593.1-593.	0.5	0
101	The role of chemical elements in melanoma. European Journal of Molecular and Clinical Medicine, 2017, 2, 73.	0.5	0
102	Cancer prevention strategies in different countries: Qualitative and quantitative differences. European Journal of Molecular and Clinical Medicine, 2017, 2, 57.	0.5	0
103	Role of "shared epitope"™ and other citrullination-sites in rheumatoid arthritis and in melanoma. Expert Opinion on Therapeutic Targets, 2017, 21, 993-994.	1.5	0
104	INHIBITION OF T CELL ACTIVATION BY A NOVEL RATIONALLY DESIGNED PEPTIDE FROM HUMAN CD4 MOLECULE.. Transplantation, 1999, 67, S130.	0.5	0