

Giuliano Elia

List of Publications by Year in descending order

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83
papers

8,474
citations

94415

37
h-index

66906

78
g-index

85
all docs

85
docs citations

85
times ranked

12896
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticle size and surface properties determine the protein corona with possible implications for biological impacts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14265-14270.	7.1	2,583
2	Physical and Chemical Aspects of Protein Corona: Relevance to <i>in Vitro</i> and <i>in Vivo</i> Biological Impacts of Nanoparticles. <i>Journal of the American Chemical Society</i> , 2011, 133, 2525-2534.	13.7	1,577
3	The Evolution of the Protein Corona around Nanoparticles: A Test Study. <i>ACS Nano</i> , 2011, 5, 7503-7509.	14.6	698
4	A HUPO test sample study reveals common problems in mass spectrometry-based proteomics. <i>Nature Methods</i> , 2009, 6, 423-430.	19.0	316
5	Inhibition of nuclear factor κ B by prostaglandin A1: An effect associated with heat shock transcription factor activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 746-750.	7.1	189
6	Biotinylation reagents for the study of cell surface proteins. <i>Proteomics</i> , 2008, 8, 4012-4024.	2.2	167
7	TLQP-21, a VGF-derived peptide, increases energy expenditure and prevents the early phase of diet-induced obesity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14584-14589.	7.1	150
8	In vivo protein biotinylation for identification of organ-specific antigens accessible from the vasculature. <i>Nature Methods</i> , 2005, 2, 291-298.	19.0	141
9	Minimal analytical characterization of engineered nanomaterials needed for hazard assessment in biological matrices. <i>Nanotoxicology</i> , 2011, 5, 1-11.	3.0	141
10	Intralesional administration of L19-IL2/L19-TNF in stage III or stage IVM1a melanoma patients: results of a phase II study. <i>Cancer Immunology, Immunotherapy</i> , 2015, 64, 999-1009.	4.2	138
11	Purification of biotinylated proteins on streptavidin resin: A protocol for quantitative elution. <i>Proteomics</i> , 2004, 4, 2296-2299.	2.2	107
12	Modulation of gene expression by hypoxia in human umbilical cord vein endothelial cells: A transcriptomic and proteomic study. <i>Proteomics</i> , 2004, 4, 1737-1760.	2.2	104
13	Centrifugal drip is an accessible source for protein indicators of pork ageing and water-holding capacity. <i>Meat Science</i> , 2011, 88, 261-270.	5.5	88
14	2-Cyclopenten-1-one, a New Inducer of Heat Shock Protein 70 with Antiviral Activity. <i>Journal of Biological Chemistry</i> , 1996, 271, 32192-32196.	3.4	82
15	Intralesional Treatment of Stage III Metastatic Melanoma Patients with L19-IL2 Results in Sustained Clinical and Systemic Immunologic Responses. <i>Cancer Immunology Research</i> , 2014, 2, 668-678.	3.4	81
16	Identification and relative quantification of membrane proteins by surface biotinylation and two-dimensional peptide mapping. <i>Proteomics</i> , 2005, 5, 2718-2728.	2.2	79
17	A Chemical Proteomics Approach for the Identification of Accessible Antigens Expressed in Human Kidney Cancer. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 2083-2091.	3.8	79
18	Regulation of heat shock protein synthesis by quercetin in human erythroleukaemia cells. <i>Biochemical Journal</i> , 1994, 300, 201-209.	3.7	77

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19	Activation of the Heat Shock Factor 1 by Serine Protease Inhibitors. Journal of Biological Chemistry, 1998, 273, 16446-16452.	3.4	69
20	Exploring the Glycosylation of Serum CA125. International Journal of Molecular Sciences, 2013, 14, 15636-15654.	4.1	67
21	2D DIGE proteomic analysis of early post mortem muscle exudate highlights the importance of the stress response for improved water holding capacity of fresh pork meat. Proteomics, 2013, 13, 1528-1544.	2.2	64
22	Stress Proteins in Inflammation. Annals of the New York Academy of Sciences, 1998, 851, 75-85.	3.8	63
23	Radretumab Radioimmunotherapy in Patients with Brain Metastasis: A 124I-L19SIP Dosimetric PET Study. Cancer Immunology Research, 2013, 1, 134-143.	3.4	63
24	Nucleolar Protein Trafficking in Response to HIV-1 Tat: Rewiring the Nucleolus. PLoS ONE, 2012, 7, e48702.	2.5	56
25	Proteomic Characterization of Histotroph during the Preimplantation Phase of the Estrous Cycle in Cattle. Journal of Proteome Research, 2012, 11, 3004-3018.	3.7	56
26	Regulator of G-protein signaling 18 integrates activating and inhibitory signaling in platelets. Blood, 2012, 119, 3799-3807.	1.4	54
27	The protein corona of dendrimers: PAMAM binds and activates complement proteins in human plasma in a generation dependent manner. RSC Advances, 2012, 2, 11245.	3.6	53
28	The tumor-targeting immunocytokine F16-IL2 in combination with doxorubicin: dose escalation in patients with advanced solid tumors and expansion into patients with metastatic breast cancer. Cell Adhesion and Migration, 2015, 9, 14-21.	2.7	51
29	Inhibition of Virus Protein Glycosylation as the Mechanism of the Antiviral Action of Prostaglandin A in Sendai Virus-infected Cells. Journal of General Virology, 1989, 70, 789-800.	2.9	50
30	Preclinical evaluation of IL2-based immunocytokines supports their use in combination with dacarbazine, paclitaxel and TNF-based immunotherapy. Cancer Immunology, Immunotherapy, 2014, 63, 901-910.	4.2	48
31	Proteomic profiling of the human T-cell nucleolus. Molecular Immunology, 2011, 49, 441-452.	2.2	47
32	Induction of ferritin and heat shock proteins by prostaglandin A1 in human monocytes . Evidence for transcriptional and post-transcriptional regulation. FEBS Journal, 1999, 264, 736-745.	0.2	46
33	A comparison of different biotinylation reagents, tryptic digestion procedures, and mass spectrometric techniques for 2-D peptide mapping of membrane proteins. Proteomics, 2005, 5, 3035-3039.	2.2	46
34	Diagnostic and Therapeutic Applications of Recombinant Antibodies: Targeting the Extra-Domain B of Fibronectin, A Marker of Tumor Angiogenesis. Current Pharmaceutical Design, 2004, 10, 1537-1549.	1.9	44
35	The Germinal centre derived lymphomas seen through their cellular microenvironment. British Journal of Haematology, 2009, 145, 468-480.	2.5	44
36	Modulation of gene expression by extracellular pH variations in human fibroblasts: A transcriptomic and proteomic study. Proteomics, 2003, 3, 675-688.	2.2	42

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37	A comparison of the bovine uterine and plasma proteome using iTRAQ proteomics. <i>Proteomics</i> , 2012, 12, 2014-2023.	2.2	41
38	Composition of the bovine uterine proteome is associated with stage of cycle and concentration of systemic progesterone. <i>Proteomics</i> , 2013, 13, 3333-3353.	2.2	41
39	Characterization of human melanoma cell lines and melanocytes by proteome analysis. <i>Cell Cycle</i> , 2011, 10, 2924-2936.	2.6	34
40	Intralesional treatment of metastatic melanoma: a review of therapeutic options. <i>Cancer Immunology, Immunotherapy</i> , 2017, 66, 647-656.	4.2	34
41	Comparative Proteomic Profiling of Divergent Phenotypes for Water Holding Capacity across the Post Mortem Ageing Period in Porcine Muscle Exudate. <i>PLoS ONE</i> , 2016, 11, e0150605.	2.5	34
42	Monitoring post mortem changes in porcine muscle through 2-D DIGE proteome analysis of Longissimus muscle exudate. <i>Proteome Science</i> , 2013, 11, 9.	1.7	32
43	A phase II study of the L19IL2 immunocytokine in combination with dacarbazine in advanced metastatic melanoma patients. <i>Cancer Immunology, Immunotherapy</i> , 2019, 68, 1547-1559.	4.2	32
44	Affinity-capture reagents for protein arrays. <i>Trends in Biotechnology</i> , 2002, 20, s19-s22.	9.3	30
45	Stereotactic ablative body radiotherapy (SABR) combined with immunotherapy (L19-IL2) versus standard of care in stage IV NSCLC patients, ImmunoSABR: a multicentre, randomised controlled open-label phase II trial. <i>BMC Cancer</i> , 2020, 20, 557.	2.6	29
46	Armed antibodies for cancer treatment: a promising tool in a changing era. <i>Cancer Immunology, Immunotherapy</i> , 2015, 64, 113-121.	4.2	28
47	Inhibition of HSP70 Expression by Calcium Ionophore A23187 in Human Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 16111-16118.	3.4	27
48	Predicting response to vascular endothelial growth factor inhibitor and chemotherapy in metastatic colorectal cancer. <i>BMC Cancer</i> , 2014, 14, 887.	2.6	26
49	Blood biocompatibility of surface-bound multi-walled carbon nanotubes. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 39-46.	3.3	24
50	Immunodepletion of albumin and immunoglobulin G from bovine plasma. <i>Proteomics</i> , 2011, 11, 2329-2335.	2.2	22
51	Prostaglandin A1 induces the synthesis of a new protein in cultured AGMK cells. <i>Biochemical and Biophysical Research Communications</i> , 1982, 107, 1179-1184.	2.1	20
52	Recombinant antibodies for the depletion of abundant proteins from human serum. <i>Proteomics</i> , 2006, 6, 4496-4505.	2.2	19
53	Cell Surface Protein Biotinylation for SDS-PAGE Analysis. <i>Methods in Molecular Biology</i> , 2012, 869, 361-372.	0.9	19
54	Two-dimensional mass spectrometric mapping. <i>Current Opinion in Chemical Biology</i> , 2006, 10, 35-41.	6.1	18

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55	The Presence of Outer Arm Fucose Residues on the <i>N</i> -Glycans of Tissue Inhibitor of Metalloproteinases-1 Reduces Its Activity. <i>Journal of Proteome Research</i> , 2013, 12, 3547-3560.	3.7	17
56	Hyposialylation of high-molecular-weight membrane glycoproteins parallels the loss of metastatic potential in wheat-germ agglutinin-resistant friend leukemia cells. <i>International Journal of Cancer</i> , 1989, 43, 126-133.	5.1	16
57	Differentiating germinal center-derived lymphomas through their cellular microenvironment. <i>American Journal of Hematology</i> , 2009, 84, 435-438.	4.1	16
58	SV40 immortalization of adult human mesenchymal cells from neuroretina. Biological, functional and molecular characterization. <i>International Journal of Cancer</i> , 1984, 33, 319-329.	5.1	15
59	Global proteomic characterization of uterine histotroph recovered from beef heifers yielding good quality and degenerate day 7 embryos. <i>Domestic Animal Endocrinology</i> , 2014, 46, 49-57.	1.6	15
60	Mechanisms regulating c-met overexpression in liver-metastatic B16-LS9 melanoma cells. <i>Journal of Cellular Biochemistry</i> , 2001, 81, 477-487.	2.6	14
61	Potentiating the activity of rituximab against mantle cell lymphoma in mice by targeting interleukin-2 to the neovasculature. <i>Leukemia Research</i> , 2015, 39, 739-748.	0.8	14
62	Identification of a CD21 receptor-deficient, non-Ig-secreting peripheral B lymphocyte subset in HIV-seropositive drug abusers. <i>Clinical Immunology and Immunopathology</i> , 1992, 62, 139-147.	2.0	12
63	Crystallin distribution patterns in concentric layers from toad eye lenses. <i>Proteomics</i> , 2009, 9, 5340-5349.	2.2	11
64	Quantitative Recovery of Biotinylated Proteins from Streptavidin-Based Affinity Chromatography Resins. , 2008, 418, 89-100.		10
65	Wheat germ agglutinin-binding protein changes in highly malignant Friend leukemia cells metastasizing to the liver. <i>Clinical and Experimental Metastasis</i> , 1988, 6, 347-362.	3.3	9
66	Acquisition of sensitivity to exogenous fibronectin by friend leukemia cells correlates with reduction of their tumorigenic potential. <i>International Journal of Cancer</i> , 1982, 30, 663-667.	5.1	7
67	From target discovery to clinical trials with armed antibody products. <i>Journal of Proteomics</i> , 2014, 107, 50-55.	2.4	7
68	Protein Biotinylation. <i>Current Protocols in Protein Science</i> , 2010, 60, Unit 3.6.	2.8	6
69	Limited efficacy of intratumoral IL-2 applied to large melanoma metastases. <i>Cancer Immunology, Immunotherapy</i> , 2014, 63, 1231-1232.	4.2	5
70	Human Plasma Protein Adsorption onto Alumina Nanoparticles Relevant to Orthopedic Wear. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2015, 13, 145-155.	1.6	5
71	A phase II study of intratumoral application of L19IL2/L19TNF in melanoma patients in clinical stage III or stage IV M1a with presence of injectable cutaneous and/or subcutaneous lesions.. <i>Journal of Clinical Oncology</i> , 2014, 32, TPS9103-TPS9103.	1.6	4
72	Crystallin distribution patterns in <i>Litoria infrarenata</i> and <i>Ptychocheilichthys argenteus</i> lenses. <i>Proteomics</i> , 2012, 12, 1830-1843.	2.2	3

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73	DIGE Analysis of Animal Tissues. <i>Methods in Molecular Biology</i> , 2018, 1664, 137-152.	0.9	3
74	Cell Surface Protein Biotinylation for SDS-PAGE Analysis. <i>Methods in Molecular Biology</i> , 2019, 1855, 449-459.	0.9	3
75	Effect of Quercetin on Prostaglandin A1-Induced Heat Shock Response in Human Cells. <i>Annals of the New York Academy of Sciences</i> , 1994, 744, 323-325.	3.8	2
76	Intralesional treatment of stage III metastatic melanoma patients with L19-IL2: Clinical and systemic immunological responses.. <i>Journal of Clinical Oncology</i> , 2014, 32, 9041-9041.	1.6	2
77	Induction and maintenance of flattened morphology in highly adhesive friend leukemia clones depends on the time- and space-specific assembly of microtubular networks. <i>International Journal of Cancer</i> , 1985, 36, 591-599.	5.1	1
78	Characterization of serum proteome in patients with metastatic colorectal cancer responsive and nonresponsive to bevacizumab using 2 d-DIGE.. <i>Journal of Clinical Oncology</i> , 2012, 30, 484-484.	1.6	1
79	Sendai virus replication in Friend erythroleukemia cells. I. Acutely and persistently infected cells become resistant to virus-induced lysis. <i>Virus Research</i> , 1986, 4, 117-132.	2.2	0
80	Reduced maturation of friend virus in adhesive mutants of friend leukemia cells. <i>Archives of Virology</i> , 1987, 92, 151-164.	2.1	0
81	144 In vivo and ex-vivo proteomics for target discovery in cancer. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2009, 51, .	2.1	0
82	1135 POSTER Proteomic Anlysis of Differentially Expressed Proteins in Patients With Metastatic Colorectal Cancer Responding to Bevacizumab. <i>European Journal of Cancer</i> , 2011, 47, S134.	2.8	0
83	Quantitative Recovery of Biotinylated Proteins from Streptavidin-Based Affinity Chromatography Resins. , 0, , 89-100.		0