Gianni Cuda

List of Publications by Year
in descending order

174 papers	5,822 citations	101384 36 h-index	95083 68 g-index
180 all docs	180 docs citations	180 times ranked	8566 citing authors

#	Article	IF	Citations
1	Breaking the diffusion limit with super-hydrophobic delivery of molecules to plasmonic nanofocusing SERS structures. Nature Photonics, 2011, 5, 682-687.	15.6	638
2	Nanotechnologies for biomolecular detection and medical diagnostics. Current Opinion in Chemical Biology, 2006, 10, 11-19.	2.8	448
3	Skeletal muscle expression and abnormal function of beta-myosin in hypertrophic cardiomyopathy.. Journal of Clinical Investigation, 1993, 91, 2861-2865.	3.9	229
4	Nano-patterned SERS substrate: Application for protein analysis vs. temperature. Biosensors and Bioelectronics, 2009, 24, 1693-1699.	5.3	220
5	Evidence of a founder mutation of BRCA1 in a highly homogeneous population from southern Italy with breast/ovarian cancer. Human Mutation, 2001, 18, 163-164.	1.1	215
6	Microfluidic platforms for cell cultures and investigations. Microelectronic Engineering, 2019, 208, 14-28.	1.1	139
7	The in vitro motility activity of beta-cardiac myosin depends on the nature of the beta-myosin heavy chain gene mutation in hypertrophic cardiomyopathy. Journal of Muscle Research and Cell Motility, 1997, 18, 275-283.	0.9	125
8	In vitro actin filament sliding velocities produced by mixtures of different types of myosin. Biophysical Journal, 1997, 72, 1767-1779.	0.2	109
9	Mitogen-activated protein kinases and asthma. Journal of Cellular Physiology, 2005, 202, 642-653.	2.0	92
10	Protection of Human Endothelial Cells From Oxidative Stress. Circulation, 2002, 105, 968-974.	1.6	89
11	Molecular mechanisms of corticosteroid actions in chronic inflammatory airway diseases. Life Sciences, 2003, 72, 1549-1561.	2.0	88
12	Selective binding and enrichment for low-molecular weight biomarker molecules in human plasma after exposure to nanoporous silica particles. Proteomics, 2006, 6, 3243-3250.	1.3	84
13	Carbonic Anhydrase Activation Is Associated With Worsened Pathological Remodeling in Human Ischemic Diabetic Cardiomyopathy. Journal of the American Heart Association, 2014, 3, e000434.	1.6	79
14	Development of 3D PVA scaffolds for cardiac tissue engineering and cell screening applications. RSC Advances, 2019, 9, 4246-4257.	1.7	76
15	Chapter 2 Myosin-Specific Adaptations of the Motility Assay. Methods in Cell Biology, 1993, 39, 23-49.	0.5	75
16	Nanoporous Surfaces as Harvesting Agents for Mass Spectrometric Analysis of Peptides in Human Plasma. Journal of Proteome Research, 2006, 5, 1261-1266.	1.8	71
17	Interplay of cellâ€“cell contacts and RhoA/ <scp>MRTF</scp> â€A signaling regulates cardiomyocyte identity. EMBO Journal, 2018, 37, .	3.5	66
18	Opposing functions of Ki- and Ha-Ras genes in the regulation of redox signals. Current Biology, 2001, 11, 614-619.	1.8	63

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19	Ferritin heavy chain is a negative regulator of ovarian cancer stem cell expansion and epithelial to mesenchymal transition. Oncotarget, 2016, 7, 62019-62033.	0.8	62
20	Direct mass spectrometry investigation on Pentacene thin film oxidation upon exposure to air. Chemical Physics Letters, 2009, 468, 193-196.	1.2	61
21	Inhibition of neutrophil apoptosis after coronary bypass operation with cardiopulmonary bypass. Annals of Thoracic Surgery, 2002, 73, 123-129.	0.7	60
22	Detection of single amino acid mutation in human breast cancer by disordered plasmonic self-similar chain. Science Advances, 2015, 1, e1500487.	4.7	58
23	Preclinical model in HCC: the SGK1 kinase inhibitor SI113 blocks tumor progressionin vitroandin vivoand synergizes with radiotherapy. Oncotarget, 2015, 6, 37511-37525.	0.8	55
24	Effects of Transforming Growth Factor-Î² and Budesonide on Mitogen-Activated Protein Kinase Activation and Apoptosis in Airway Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2003, 29, 12-18.	1.4	53
25	Nano LCâ€“MS/MS: A Robust Setup for Proteomic Analysis. Methods in Molecular Biology, 2011, 790, 115-126.	0.4	53
26	Sgk1 enhances RANBP1 transcript levels and decreases taxol sensitivity in RKO colon carcinoma cells. Oncogene, 2013, 32, 4572-4578.	2.6	52
27	Changes in myocardial cytoskeletal intermediate filaments and myocyte contractile dysfunction in dilated cardiomyopathy: an in vivo study in humans. British Heart Journal, 2000, 84, 659-667.	2.2	51
28	Effects of TGF-Î² and glucocorticoids on map kinase phosphorylation, IL-6/IL-11 secretion and cell proliferation in primary cultures of human lung fibroblasts. Journal of Cellular Physiology, 2007, 210, 489-497.	2.0	50
29	Endothelin-1 induces proliferation of human lung fibroblasts and IL-11 secretion through an ETA receptor-dependent activation of map kinases. Journal of Cellular Biochemistry, 2005, 96, 858-868.	1.2	48
30	Research Resource: New and Diverse Substrates for the Insulin Receptor Isoform A Revealed by Quantitative Proteomics After Stimulation With IGF-II or Insulin. Molecular Endocrinology, 2011, 25, 1456-1468.	3.7	48
31	Epithelial-to-mesenchymal transition in FHC-silenced cells: the role of CXCR4/CXCL12 axis. Journal of Experimental and Clinical Cancer Research, 2017, 36, 104.	3.5	47
32	Modeling Cardiac Disease Mechanisms Using Induced Pluripotent Stem Cell-Derived Cardiomyocytes: Progress, Promises and Challenges. International Journal of Molecular Sciences, 2020, 21, 4354.	1.8	46
33	Effects of hydrogen peroxide on MAPK activation, IL-8 production and cell viability in primary cultures of human bronchial epithelial cells. Journal of Cellular Biochemistry, 2004, 93, 142-152.	1.2	45
34	pEGFR-Tyr 845 expression as prognostic factors in oral squamous cell carcinoma. Cancer Biology and Therapy, 2012, 13, 967-977.	1.5	41
35	Iron and Ferritin Modulate MHC Class I Expression and NK Cell Recognition. Frontiers in Immunology, 2019, 10, 224.	2.2	41
36	Characterization of Breast Cancer Interstitial Fluids by TmT Labeling, LTQ-Orbitrap Velos Mass Spectrometry, and Pathway Analysis. Journal of Proteome Research, 2012, 11, 3199-3210.	1.8	40

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37	Short-term retinoic acid treatment sustains pluripotency and suppresses differentiation of human induced pluripotent stem cells. Cell Death and Disease, 2018, 9, 6.	2.7	39
38	Calcium antagonist isradipine improves abnormal endothelium-dependent vasodilation in never treated hypertensive patients. Cardiovascular Research, 1999, 41, 299-306.	1.8	35
39	Effect of stent coating alone on in vitro vascular smooth muscle cell proliferation and apoptosis. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 286, H902-H908.	1.5	35
40	N-Glycoprotein Analysis Discovers New Up-Regulated Glycoproteins in Colorectal Cancer Tissue. Journal of Proteome Research, 2014, 13, 4932-4941.	1.8	35
41	p53-Mediated downregulation of H ferritin promoter transcriptional efficiency via NF-Y. International Journal of Biochemistry and Cell Biology, 2008, 40, 2110-2119.	1.2	32
42	Calpain3 Is Expressed in a Proteolitically Active Form in Papillomavirus-Associated Urothelial Tumors of the Urinary Bladder in Cattle. PLoS ONE, 2010, 5, e10299.	1.1	32
43	Isolation and Functional Characterization of Peptide Agonists of PTPRJ, a Tyrosine Phosphatase Receptor Endowed with Tumor Suppressor Activity. ACS Chemical Biology, 2012, 7, 1666-1676.	1.6	32
44	Behaviour of dental pulp stem cells on different types of innovative mesoporous and nanoporous silicon scaffolds with different functionalizations of the surfaces. Journal of Biological Regulators and Homeostatic Agents, 2015, 29, 991-7.	0.7	32
45	Angiotensin II maintains, but does not mediate, isoproterenol-induced cardiac hypertrophy in rats. American Journal of Physiology - Heart and Circulatory Physiology, 1994, 267, H1496-H1506.	1.5	31
46	DJ-1 in Endometrial Cancer: A Possible Biomarker to Improve Differential Diagnosis Between Subtypes. International Journal of Gynecological Cancer, 2014, 24, 649-658.	1.2	31
47	shRNA targeting of ferritin heavy chain activates H19/miR-675 axis in K562 cells. Gene, 2018, 657, 92-99.	1.0	31
48	Inhibition of Myocardial Crossbridge Cycling by Hypoxic Endothelial Cells. Circulation Research, 1997, 80, 688-698.	2.0	31
49	Microfluidics & nanotechnology: towards fully integrated analytical devices for the detection of cancer biomarkers. RSC Advances, 2014, 4, 55590-55598.	1.7	30
50	H-Ferritin-Regulated MicroRNAs Modulate Gene Expression in K562 Cells. PLoS ONE, 2015, 10, e0122105.	1.1	30
51	H Ferritin Gene Silencing in a Human Metastatic Melanoma Cell Line: A Proteomic Analysis. Journal of Proteome Research, 2011, 10, 5444-5453.	1.8	29
52	OFFgelâ€based multidimensional LCâ€MS/MS approach to the cataloguing of the human platelet proteome for an interactomic profile. Electrophoresis, 2011, 32, 686-695.	1.3	28
53	Serum Calcium Increase Correlates With Worsening of Lipid Profile. Medicine (United States), 2016, 95, e2774.	0.4	28
54	Influence of the cardiac myosin hinge region on contractile activity.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 4941-4945.	3.3	27

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55	Statins Stimulate New Myocyte Formation After Myocardial Infarction by Activating Growth and Differentiation of the Endogenous Cardiac Stem Cells. International Journal of Molecular Sciences, 2020, 21, 7927.	1.8	27
56	Effects of glucocorticoids on activation of c-jun N-terminal, extracellular signal-regulated, and p38 MAP kinases in human pulmonary endothelial cellsâ€â€Abbreviations: AP-1, activator protein-1; Dex, dexamethasone; ERK, extracellular signal-regulated kinases; GCS, glucocorticosteroids; GR, glucocorticoid receptors; H2O2, hydrogen peroxide; HMVEC-L, human microvascular endothelial cells from lung; IL-1Î², interleukin-1Î²; JNK, c-jun N-terminal kinases; MAPK, mitogen-activated protein kinases; Test testosterone;. Biochemical Pharmacology, 2001, 62, 1719-1724.	2.0	26
57	Proteomics reveals high levels of vitamin D binding protein in myocardial infarction. Frontiers in Bioscience - Elite, 2010, E2, 796-804.	0.9	26
58	H ferritin silencing induces protein misfolding in K562 cells: A Raman analysis. Free Radical Biology and Medicine, 2015, 89, 614-623.	1.3	26
59	FTH1P3, a Novel H-Ferritin Pseudogene Transcriptionally Active, Is Ubiquitously Expressed and Regulated during Cell Differentiation. PLoS ONE, 2016, 11, e0151359.	1.1	25
60	Isometric Tension and Mutant Myosin Heavy Chain Content in Single Skeletal Myofibers from Hypertrophic Cardiomyopathy Patients. Journal of Molecular and Cellular Cardiology, 1997, 29, 667-676.	0.9	24
61	A microfluidic dialysis device for complex biological mixture SERS analysis. Microelectronic Engineering, 2015, 144, 37-41.	1.1	24
62	Two sides of the same coin? Unraveling subtle differences between human embryonic and induced pluripotent stem cells by Raman spectroscopy. Stem Cell Research and Therapy, 2017, 8, 271.	2.4	24
63	In Preclinical Model of Ovarian Cancer, the SGK1 Inhibitor SI113 Counteracts the Development of Paclitaxel Resistance and Restores Drug Sensitivity. Translational Oncology, 2019, 12, 1045-1055.	1.7	24
64	DJ-1 Proteoforms in Breast Cancer Cells: The Escape of Metabolic Epigenetic Misregulation. Cells, 2020, 9, 1968.	1.8	23
65	Cytoplasmic cleavage of IMPA1 3â€² UTR is necessary for maintaining axon integrity. Cell Reports, 2021, 34, 108778.	2.9	23
66	Detection of microsatellite instability and loss of heterozygosity in serum DNA of small and non-small cell lung cancer patients: a tool for early diagnosis?. Lung Cancer, 2000, 30, 211-214.	0.9	22
67	Farnesyl transferase inhibitors induce neuroprotection by inhibiting Haâ€Ras signalling pathway. European Journal of Neuroscience, 2007, 26, 3261-3266.	1.2	22
68	A proteomics approach to identify changes in protein profiles in serum of Familial Adenomatous Polyposis patients. Cancer Letters, 2008, 272, 40-52.	3.2	22
69	Proteomics in MÃ©niÃ¨re disease. Journal of Cellular Physiology, 2012, 227, 308-312.	2.0	22
70	Validation of a Novel Shotgun Proteomic Workflow for the Discovery of Proteinâ€“Protein Interactions: Focus on ZNF521. Journal of Proteome Research, 2015, 14, 1888-1899.	1.8	22
71	Proteomic analysis of S-nitrosylated nuclear proteins in rat cortical neurons. Science Signaling, 2018, 11, .	1.6	22
72	Transcriptional regulation of the mismatch repair gene hMLH1. Gene, 2001, 275, 261-265.	1.0	21

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73	An alternative model of H ferritin promoter transactivation by c-Jun. Biochemical Journal, 2002, 363, 53-58.	1.7	21
74	Calreticulin Transacetylase Mediates the Acetylation of Nitric Oxide Synthase by Polyphenolic Acetate. Applied Biochemistry and Biotechnology, 2008, 144, 37-45.	1.4	21
75	Proteomics-Driven Analysis of Ovine Whey Colostrum. PLoS ONE, 2015, 10, e0117433.	1.1	21
76	CRL3IBTK Regulates the Tumor Suppressor Pdcd4 through Ubiquitylation Coupled to Proteasomal Degradation. Journal of Biological Chemistry, 2015, 290, 13958-13971.	1.6	21
77	Migratory and anti-fibrotic programmes define the regenerative potential of human cardiac progenitors. Nature Cell Biology, 2022, 24, 659-671.	4.6	21
78	Microfluidic biofunctionalisation protocols to form multiâ€valent interactions for cell rolling and phenotype modification investigations. Electrophoresis, 2013, 34, 1845-1851.	1.3	20
79	Superhydrophobic lab-on-chip measures secretome protonation state and provides a personalized risk assessment of sporadic tumour. Npj Precision Oncology, 2018, 2, 26.	2.3	20
80	Stem Cells: The Game Changers of Human Cardiac Disease Modelling and Regenerative Medicine. International Journal of Molecular Sciences, 2019, 20, 5760.	1.8	20
81	An alternative model of H ferritin promoter transactivation by c-Jun. Biochemical Journal, 2002, 363, 53.	1.7	19
82	Plasma Proteomic Profiling in Hereditary Breast Cancer Reveals a BRCA1-Specific Signature: Diagnostic and Functional Implications. PLoS ONE, 2015, 10, e0129762.	1.1	19
83	Gelâ€free sample preparation for the nanoscale LCâ€MS/MS analysis and identification of lowâ€nanogram protein samples. Journal of Separation Science, 2007, 30, 2210-2216.	1.3	18
84	Proteomic analysis in canine leishmaniasis. Veterinary Research Communications, 2010, 34, 91-96.	0.6	18
85	Biomarker discovery by plasma proteomics in familial Brugada SyndromeÂ. Frontiers in Bioscience - Landmark, 2013, 18, 564.	3.0	18
86	High-throughput detection of low abundance sialylated glycoproteins in human serum by TiO2 enrichment and targeted LC-MS/MS analysis: application to a prostate cancer sample set. Analytical and Bioanalytical Chemistry, 2019, 411, 755-763.	1.9	18
87	Fhit Delocalizes Annexin A4 from Plasma Membrane to Cytosol and Sensitizes Lung Cancer Cells to Paclitaxel. PLoS ONE, 2013, 8, e78610.	1.1	18
88	Caffeine Positively Modulates Ferritin Heavy Chain Expression in H460 Cells: Effects on Cell Proliferation. PLoS ONE, 2016, 11, e0163078.	1.1	17
89	Relation of fasting insulin related to insertion/deletion polymorphism of angiotensin-converting enzyme-gene and cardiac mass in never-treated patients with systemic hypertension. American Journal of Cardiology, 2003, 92, 1234-1237.	0.7	16
90	Protein acyltransferase function of purified calreticulin. Part 1: characterization of propionylation of protein utilizing propoxycoumarin as the propionyl group donor. Journal of Biochemistry, 2010, 147, 625-632.	0.9	16

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91	Assessment of an ad hoc procedure for isolation and characterization of human albuminome. Analytical Biochemistry, 2011, 418, 161-163.	1.1	16
92	Cardiac and skeletal muscle expression of mutant Î²â€myosin heavy chains, degree of functional impairment and phenotypic heterogeneity in hypertrophic cardiomyopathy. Journal of Cellular Physiology, 2012, 227, 3471-3476.	2.0	16
93	DJ-1 is a reliable serum biomarker for discriminating high-risk endometrial cancer. Tumor Biology, 2017, 39, 101042831770574.	0.8	16
94	A Passive Microfluidic Device for Chemotaxis Studies. Micromachines, 2019, 10, 551.	1.4	16
95	Bilateral cataract in a subject carrying a C to A transition in the L ferritin promoter region. Clinical Biochemistry, 2009, 42, 911-914.	0.8	15
96	BRCA1 is required for hMLH1 stabilization following doxorubicin-induced DNA damage. International Journal of Biochemistry and Cell Biology, 2011, 43, 1754-1763.	1.2	15
97	Identification of H ferritin-dependent and independent genes in K562 differentiating cells by targeted gene silencing and expression profiling. Gene, 2014, 535, 327-335.	1.0	15
98	Optimized fabrication protocols of microfluidic devices for X-ray analysis. Microelectronic Engineering, 2014, 124, 13-16.	1.1	15
99	Proteomics Analysis to Assess the Role of Mitochondria in BRCA1-Mediated Breast Tumorigenesis. Proteomes, 2018, 6, 16.	1.7	15
100	A previously undescribed de novo insertion-deletion mutation in the beta myosin heavy chain gene in a kindred with familial hypertrophic cardiomyopathy.. Heart, 1996, 76, 451-452.	1.2	14
101	Specific changes in the proteomic pattern produced by the BRCA1-Ser1841Asn missense mutation. International Journal of Biochemistry and Cell Biology, 2007, 39, 220-226.	1.2	14
102	Temperature-dependent regulation of theOchrobactrum anthropiproteome. Proteomics, 2016, 16, 3019-3024.	1.3	14
103	Secretome Analysis of Hypoxiaâ€Induced 3T3â€L1 Adipocytes Uncovers Novel Proteins Potentially Involved in Obesity. Proteomics, 2018, 18, e1700260.	1.3	14
104	Establishment and characterization of induced pluripotent stem cells (iPSCs) from central nervous system lupus erythematosus. Journal of Cellular and Molecular Medicine, 2019, 23, 7382-7394.	1.6	14
105	Uncovering the Metabolic and Stress Responses of Human Embryonic Stem Cells to FTH1 Gene Silencing. Cells, 2021, 10, 2431.	1.8	14
106	Deciphering the Role of Wnt and Rho Signaling Pathway in iPSC-Derived ARVC Cardiomyocytes by In Silico Mathematical Modeling. International Journal of Molecular Sciences, 2021, 22, 2004.	1.8	14
107	Highly efficient human serum filtration with water-soluble nanoporous nanoparticles. International Journal of Nanomedicine, 2010, Volume 5, 1005-1015.	3.3	13
108	Comprehensive proteogenomic analysis of human embryonic and induced pluripotent stem cells. Journal of Cellular and Molecular Medicine, 2019, 23, 5440-5453.	1.6	13

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109	Generation of iPSC lines from two patients affected by febrile seizure due to inherited missense mutation in SCN1A gene. Stem Cell Research, 2020, 49, 102083.	0.3	13
110	A Disposable Passive Microfluidic Device for Cell Culturing. Biosensors, 2020, 10, 18.	2.3	13
111	BRCA1 5083del19 Mutant Allele Selectively Up-Regulates Periostin Expression In vitro and In vivo. Clinical Cancer Research, 2008, 14, 6797-6803.	3.2	12
112	High prevalence of polymorphism and low activity of thiopurine methyltransferase in patients with inflammatory bowel disease. European Journal of Internal Medicine, 2012, 23, 273-277.	1.0	12
113	Reactivation of the Nkx2.5 cardiac enhancer after myocardial infarction does not presage myogenesis. Cardiovascular Research, 2018, 114, 1098-1114.	1.8	12
114	Mass Spectrometry-Based Glycoproteomics and Prostate Cancer. International Journal of Molecular Sciences, 2021, 22, 5222.	1.8	12
115	Human haematological and epithelial tumor-derived cell lines express distinct patterns of onco-microRNAs. Cellular and Molecular Biology, 2017, 63, 75.	0.3	12
116	Oxidative stress and lung diseases. Monaldi Archives for Chest Disease, 2002, 57, 180-1.	0.3	12
117	New Possible Role of Statins in Age-Related Diseases. Journal of the American Geriatrics Society, 2002, 50, 2099-2100.	1.3	11
118	Negative transcriptional regulation of the human periostin gene by YingYang-1 transcription factor. Gene, 2011, 487, 129-134.	1.0	11
119	Proteomic analysis of protein purified derivative of Mycobacterium bovis. Journal of Translational Medicine, 2017, 15, 68.	1.8	11
120	Waveguiding and SERS Simplified Raman Spectroscopy on Biological Samples. Biosensors, 2019, 9, 37.	2.3	11
121	Similar miRNomic signatures characterize the follicular fluids collected after follicular and luteal phase stimulations in the same ovarian cycle. Journal of Assisted Reproduction and Genetics, 2020, 37, 149-158.	1.2	11
122	Serum 25-hydroxyvitamin D measurement: Comparative evaluation of three automated immunoassays. Practical Laboratory Medicine, 2021, 26, e00251.	0.6	11
123	Histone proteomics reveals novel post-translational modifications in breast cancer. Aging, 2019, 11, 11722-11755.	1.4	11
124	Missense mutations of BRCA1 gene affect the binding with p53 both in vitro and in vivo. Oncology Reports, 2006, 16, 811-5.	1.2	11
125	A novel missense germline mutation in exon 2 of the hMSH2 gene in a HNPCC family from Southern Italy. Cancer Letters, 2005, 223, 285-291.	3.2	10
126	The EIPeptiDi tool: enhancing peptide discovery in ICAT-based LC MS/MS experiments. BMC Bioinformatics, 2007, 8, 255.	1.2	10

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127	A Proteomicsâ€Driven Assay Defines Specific Plasma Protein Signatures in Different Stages of MÃ©niÃ¨re's Disease. Journal of Cellular Biochemistry, 2014, 115, 1097-1100.	1.2	10
128	miR-128a Acts as a Regulator in Cardiac Development by Modulating Differentiation of Cardiac Progenitor Cell Populations. International Journal of Molecular Sciences, 2020, 21, 1158.	1.8	10
129	Human iPSC Modeling of Genetic Febrile Seizure Reveals Aberrant Molecular and Physiological Features Underlying an Impaired Neuronal Activity. Biomedicines, 2022, 10, 1075.	1.4	10
130	Co-existence of frataxin and cardiac troponin T gene mutations in a child with Friedreich Ataxia and familial hypertrophic cardiomyopathy. Human Mutation, 2002, 19, 309-310.	1.1	9
131	In vitro analysis of genomic instability triggered by BRCA1 missense mutations. Human Mutation, 2006, 27, 715-715.	1.1	9
132	123I-mIBG imaging predicts functional improvement and clinical outcome in patients with heart failure and CRT implantation. International Journal of Cardiology, 2016, 207, 107-109.	0.8	9
133	HMGA1 and MMP-11 Are Overexpressed in Human Non-melanoma Skin Cancer. Anticancer Research, 2018, 38, 771-778.	0.5	9
134	Detection and functional analysis of an SNP in the promoter of the human ferritin H gene that modulates the gene expression. Gene, 2006, 377, 1-5.	1.0	8
135	Protein Acyltransferase Function of Purified Calreticulin: The Exclusive Role of P-Domain in Mediating Protein Acylation Utilizing Acyloxycoumarins and Acetyl CoA as the Acyl Group Donors. Protein and Peptide Letters, 2011, 18, 507-517.	0.4	8
136	Few molecule SERS detection using nanolens based plasmonic nanostructure: application to point mutation detection. RSC Advances, 2016, 6, 107916-107923.	1.7	7
137	Moving beyond the Tip of the Iceberg: DJ-1 Implications in Cancer Metabolism. Cells, 2022, 11, 1432.	1.8	7
138	Mechanical Stress Downregulates MHC Class I Expression on Human Cancer Cell Membrane. PLoS ONE, 2014, 9, e111758.	1.1	6
139	An optimized procedure for on-tissue localized protein digestion and quantification using hydrogel discs and isobaric mass tags: analysis of cardiac myxoma. Analytical and Bioanalytical Chemistry, 2017, 409, 2919-2930.	1.9	6
140	Integration of â€œOmicsâ€•Strategies for Biomarkers Discovery and for the Elucidation of Molecular Mechanisms Underlying Brugada Syndrome. Proteomics - Clinical Applications, 2018, 12, e1800065.	0.8	6
141	Generation of human induced pluripotent stem cell lines (UNIMGi003-A and UNIMGi004-A) from two Italian siblings affected by Unverricht-Lundborg disease. Stem Cell Research, 2021, 53, 102329.	0.3	6
142	Malignant ventricular arrhythmia in the wolffâ€parkinsonâ€white syndrome during amiodarone treatment. Clinical Cardiology, 1987, 10, 477-480.	0.7	5
143	Proteomic Profiling of Inherited Breast Cancer: Identification of Molecular Targets for Early Detection, Prognosis and Treatment, and Related Bioinformatics Tools. Lecture Notes in Computer Science, 2003, , 245-257.	1.0	5
144	Missense mutations of BRCA1 gene affect the binding with p53 both in vitro and in vivo. Oncology Reports, 2006, 16, 811.	1.2	5

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145	Shotgun proteomic analysis of two Bartonella quintana strains. Proteomics, 2013, 13, 1375-1378.	1.3	5
146	Proteome Speciation by Mass Spectrometry: Characterization of Composite Protein Mixtures in Milk Replacers. Analytical Chemistry, 2016, 88, 11568-11574.	3.2	5
147	Geoblood: A Web Based Tool for Geo-analysis of Biological Data. Procedia Computer Science, 2016, 98, 473-478.	1.2	4
148	Onâ€Tissue Hydrogelâ€Mediated Nondestructive Proteomic Characterization: Application to fr/fr and FFPE Tissues and Insights for Quantitative Proteomics Using a Case of Cardiac Myxoma. Proteomics - Clinical Applications, 2019, 13, 1700167.	0.8	4
149	Proteomic Profile of EPS-Urine through FASP Digestion and Data-Independent Analysis. Journal of Visualized Experiments, 2021, , .	0.2	4
150	Microfluidics for 3D Cell and Tissue Cultures: Microfabricative and Ethical Aspects Updates. Cells, 2022, 11, 1699.	1.8	4
151	A novel Q3034R BRCA2 germline mutation identified in a fallopian tube cancer patient. Cancer Letters, 2003, 191, 211-214.	3.2	3
152	Modeling and Designing a Proteomics Application on PROTEUS. Methods of Information in Medicine, 2005, 44, 221-226.	0.7	3
153	Fasting triglycerides and glucose index in an unselected consecutive Italian population of outpatients. Rivista Italiana Della Medicina Di Laboratorio, 2011, 7, 226-227.	0.2	3
154	Unraveling the Mechanistic Complexity of the Glomerulocystic Phenotype in Dicer Conditional KO Mice by 2D Gel Electrophoresis Coupled Mass Spectrometry. Proteomics - Clinical Applications, 2018, 12, e1700006.	0.8	3
155	Daidzein Pro-cognitive Effects Coincided with Changes of Brain Neurotensin1 Receptor and Interleukin-10 Expression Levels in Obese Hamsters. Neurotoxicity Research, 2021, 39, 645-657.	1.3	3
156	Identification of prognosis-related proteins in gingival squamous cell carcinoma by twodimensional gel electrophoresis and mass spectrometry-based proteomics. Annali Italiani Di Chirurgia, 2014, 85, 518-24.	0.1	3
157	High prevalence of a BRCA1 gene founder mutation, 5083del19, in unselected breastâ€“ovarian cancer patients from Southern Italy: genotypeâ€“phenotype correlations. Breast Cancer Research, 2005, 7, 1.	2.2	2
158	Î²myosin mutations and phenotypic heterogeneity in hypertrophic cardiomyopathy. International Journal of Cardiology, 2006, 110, 119-121.	0.8	2
159	Biodegradable nanoporous nanoparticles for human serum analysis. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 169, 111-113.	1.7	2
160	Direct Visualization and Identification of Membrane Voltageâ€Gated Sodium Channels from Human iPSCâ€Derived Neurons by Multiple Imaging and Light Enhanced Spectroscopy. Small Methods, 2022, 6, .	4.6	2
161	Evaluating the inappropriateness of repeated laboratory testing in a teaching hospital of South Italy. Clinical Chemistry and Laboratory Medicine, 2014, 52, e43-4.	1.4	1
162	2D Gel Electrophoresis to Address Biological Issues. , 2019, , .		1

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163	In Vitro Studies of Determinants of Smooth Muscle Mechanics. Advances in Experimental Medicine and Biology, 1993, 332, 267-277.	0.8	1
164	Mass Spectrometry Data Analysis for Early Detection of Inherited Breast Cancer. , 2005, , 21-28.		0
165	An Interactive Tool for the Management and Visualization of Mass-Spectrometry Proteomics Data. Lecture Notes in Computer Science, 2007, , 635-642.	1.0	0
166	TiO2 enrichment and highly sensitive mass spectrometric analysis for high-throughput detection of low abundance sialylated glycoproteins in blood serum of prostate cancer patients. European Urology Supplements, 2019, 18, e3355.	0.1	0
167	Induced pluripotent stem cells versus embryonic stem cells. , 2021, , 289-307.		0
168	Coming out of the mists of MÃ©niÃ¨re's disease: serum proteomics and biomarkers discovery for early diagnosis and clinical management. Otorinolaringologia, 2021, 70, .	0.1	0
169	Chemotherapy-induced cardiotoxicity: An animal model. Journal of Clinical Oncology, 2004, 22, 9673-9673.	0.8	0
170	High sensitive troponin T in individuals with chest pain of presumed ischemic origin. Frontiers in Bioscience - Elite, 2012, E4, 2322-2327.	0.9	0
171	Characterization of Induced Pluripotent Stem Cells Using a Pyroelectric Sensor. , 2021, , .		0
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