

Giulio Superti-Furga

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

262
papers

32,406
citations

84
h-index

178
g-index

313
ext. papers

36,748
ext. citations

14.1
avg, IF

6.63
L-index

#	Paper	IF	Citations
262	Metabolic drug survey highlights cancer cell dependencies and vulnerabilities.. <i>Nature Communications</i> , 2021 , 12, 7190	17.4	1
261	Cross-species analysis of viral nucleic acid interacting proteins identifies TAOs as innate immune regulators. <i>Nature Communications</i> , 2021 , 12, 7009	17.4	1
260	Functional Precision Medicine Provides Clinical Benefit in Advanced Aggressive Hematological Cancers and Identifies Exceptional Responders. <i>Cancer Discovery</i> , 2021 ,	24.4	10
259	Cell-surface SLC nucleoside transporters and purine levels modulate BRD4-dependent chromatin states. <i>Nature Metabolism</i> , 2021 , 3, 651-664	14.6	1
258	Recent developments in ligands and chemical probes targeting solute carrier transporters. <i>Current Opinion in Chemical Biology</i> , 2021 , 62, 53-63	9.7	4
257	A guide to plasma membrane solute carrier proteins. <i>FEBS Journal</i> , 2021 , 288, 2784-2835	5.7	47
256	Precision Medicine in Hematology 2021: Definitions, Tools, Perspectives, and Open Questions. <i>HemaSphere</i> , 2021 , 5, e536	0.3	5
255	An Overview of Cell-Based Assay Platforms for the Solute Carrier Family of Transporters. <i>Frontiers in Pharmacology</i> , 2021 , 12, 722889	5.6	7
254	Convergent use of phosphatidic acid for hepatitis C virus and SARS-CoV-2 replication organelle formation.. <i>Nature Communications</i> , 2021 , 12, 7276	17.4	1
253	Targeted Degradation of SLC Transporters Reveals Amenability of Multi-Pass Transmembrane Proteins to Ligand-Induced Proteolysis. <i>Cell Chemical Biology</i> , 2020 , 27, 728-739.e9	8.2	30
252	TASL is the SLC15A4-associated adaptor for IRF5 activation by TLR7-9. <i>Nature</i> , 2020 , 581, 316-322	50.4	48
251	Caught in the genetic network: a novel regulator of lipid metabolism. <i>Nature Metabolism</i> , 2020 , 2, 483-484.6	14.6	1
250	A widespread role for SLC transmembrane transporters in resistance to cytotoxic drugs. <i>Nature Chemical Biology</i> , 2020 , 16, 469-478	11.7	42
249	Patient-derived model systems and the development of next-generation anticancer therapeutics. <i>Current Opinion in Chemical Biology</i> , 2020 , 56, 72-78	9.7	5
248	A substrate-based ontology for human solute carriers. <i>Molecular Systems Biology</i> , 2020 , 16, e9652	12.2	10
247	The RESOLUTE consortium: unlocking SLC transporters for drug discovery. <i>Nature Reviews Drug Discovery</i> , 2020 , 19, 429-430	64.1	28
246	eIF2B as a Target for Viral Evasion of PKR-Mediated Translation Inhibition. <i>MBio</i> , 2020 , 11,	7.8	9

245	Epistasis-driven identification of SLC25A51 as a regulator of human mitochondrial NAD import. <i>Nature Communications</i> , 2020 , 11, 6145	17.4	25
244	Transcriptional Responses to IFN- γ Require Mediator Kinase-Dependent Pause Release and Mechanistically Distinct CDK8 and CDK19 Functions. <i>Molecular Cell</i> , 2019 , 76, 485-499.e8	17.6	24
243	Combined chemosensitivity and chromatin profiling prioritizes drug combinations in CLL. <i>Nature Chemical Biology</i> , 2019 , 15, 232-240	11.7	21
242	FOXO3 is involved in the tumor necrosis factor-driven inflammatory response in fibroblast-like synoviocytes. <i>Laboratory Investigation</i> , 2019 , 99, 648-658	5.9	12
241	The phosphatase UBASH3B/Sts-1 is a negative regulator of Bcr-Abl kinase activity and leukemogenesis. <i>Leukemia</i> , 2019 , 33, 2319-2323	10.7	8
240	The transporters SLC35A1 and SLC30A1 play opposite roles in cell survival upon VSV virus infection. <i>Scientific Reports</i> , 2019 , 9, 10471	4.9	8
239	Insights into the transport side of the human SLC38A9 transporter. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019 , 1861, 1558-1567	3.8	14
238	IRF1 is critical for the TNF-driven interferon response in rheumatoid fibroblast-like synoviocytes : JAKinibs suppress the interferon response in RA-FLSs. <i>Experimental and Molecular Medicine</i> , 2019 , 51, 1-11	12.8	22
237	Common Nodes of Virus-Host Interaction Revealed Through an Integrated Network Analysis. <i>Frontiers in Immunology</i> , 2019 , 10, 2186	8.4	45
236	Genome-scale CRISPR screens are efficient in non-homologous end-joining deficient cells. <i>Scientific Reports</i> , 2019 , 9, 15751	4.9	9
235	Polymerase δ deficiency causes syndromic immunodeficiency with replicative stress. <i>Journal of Clinical Investigation</i> , 2019 , 129, 4194-4206	15.9	20
234	Systematic genetic mapping of necroptosis identifies SLC39A7 as modulator of death receptor trafficking. <i>Cell Death and Differentiation</i> , 2019 , 26, 1138-1155	12.7	15
233	LZTR1 is a regulator of RAS ubiquitination and signaling. <i>Science</i> , 2018 , 362, 1171-1177	33.3	87
232	NSs Protein of Sandfly Fever Sicilian Phlebovirus Counteracts Interferon (IFN) Induction by Masking the DNA-Binding Domain of IFN Regulatory Factor 3. <i>Journal of Virology</i> , 2018 , 92,	6.6	13
231	Recent advances in combinatorial drug screening and synergy scoring. <i>Current Opinion in Pharmacology</i> , 2018 , 42, 102-110	5.1	49
230	Prioritization of Transporter-Drug Relationships From Drug Sensitivity Screens. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1011	5.6	17
229	mTOR Senses Environmental Cues to Shape the Fibroblast-like Synoviocyte Response to Inflammation. <i>Cell Reports</i> , 2018 , 23, 2157-2167	10.6	29
228	The Bicarbonate Transporter SLC4A7 Plays a Key Role in Macrophage Phagosome Acidification. <i>Cell Host and Microbe</i> , 2018 , 23, 766-774.e5	23.4	33

227	MLL-fusion-driven leukemia requires SETD2 to safeguard genomic integrity. <i>Nature Communications</i> , 2018 , 9, 1983	17.4	31
226	Detection of Chemical Engagement of Solute Carrier Proteins by a Cellular Thermal Shift Assay. <i>ACS Chemical Biology</i> , 2018 , 13, 1480-1486	4.9	20
225	Next generation of network medicine: interdisciplinary signaling approaches. <i>Integrative Biology (United Kingdom)</i> , 2017 , 9, 97-108	3.7	26
224	Global survey of the immunomodulatory potential of common drugs. <i>Nature Chemical Biology</i> , 2017 , 13, 681-690	11.7	33
223	Artemisinins Target GABA Receptor Signaling and Impair Cell Identity. <i>Cell</i> , 2017 , 168, 86-100.e15	56.2	228
222	LAMTOR/Ragulator is a negative regulator of Arl8b- and BORC-dependent late endosomal positioning. <i>Journal of Cell Biology</i> , 2017 , 216, 4199-4215	7.3	63
221	Sustained activation of the AKT/mTOR and MAP kinase pathways mediate resistance to the Src inhibitor, dasatinib, in thyroid cancer. <i>Oncotarget</i> , 2017 , 8, 103014-103031	3.3	3
220	Lapatinib potentiates cytotoxicity of YM155 in neuroblastoma via inhibition of the ABCB1 efflux transporter. <i>Scientific Reports</i> , 2017 , 7, 3091	4.9	19
219	Nilotinib-induced vasculopathy: identification of vascular endothelial cells as a primary target site. <i>Leukemia</i> , 2017 , 31, 2388-2397	10.7	73
218	Image-based ex-vivo drug screening for patients with aggressive haematological malignancies: interim results from a single-arm, open-label, pilot study. <i>Lancet Haematology</i> , 2017 , 4, e595-e606	14.6	74
217	Combinatorial Drug Screening Identifies Ewing Sarcoma-specific Sensitivities. <i>Molecular Cancer Therapeutics</i> , 2017 , 16, 88-101	6.1	13
216	TKI rotation-induced persistent deep molecular response in multi-resistant blast crisis of Ph+ CML. <i>Oncotarget</i> , 2017 , 8, 23061-23072	3.3	10
215	Target interaction profiling of midostaurin and its metabolites in neoplastic mast cells predicts distinct effects on activation and growth. <i>Leukemia</i> , 2016 , 30, 464-72	10.7	39
214	SLC38A9: A lysosomal amino acid transporter at the core of the amino acid-sensing machinery that controls MTORC1. <i>Autophagy</i> , 2016 , 12, 1061-2	10.2	19
213	Identifying Kinase Substrates via a Heavy ATP Kinase Assay and Quantitative Mass Spectrometry. <i>Scientific Reports</i> , 2016 , 6, 28107	4.9	12
212	Heme drives hemolysis-induced susceptibility to infection via disruption of phagocyte functions. <i>Nature Immunology</i> , 2016 , 17, 1361-1372	19.1	82
211	An Inducible Retroviral Expression System for Tandem Affinity Purification Mass-Spectrometry-Based Proteomics Identifies Mixed Lineage Kinase Domain-like Protein (MLKL) as an Heat Shock Protein 90 (HSP90) Client. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 1139-50	7.6	21
210	Structural Basis for Nucleotide Hydrolysis by the Acid Sphingomyelinase-like Phosphodiesterase SMPDL3A. <i>Journal of Biological Chemistry</i> , 2016 , 291, 6376-85	5.4	10

209	Functional crosstalk between membrane lipids and TLR biology. <i>Current Opinion in Cell Biology</i> , 2016 , 39, 28-36	9	33
208	An Inducible Retroviral Expression System for Tandem Affinity Purification Mass-Spectrometry-Based Proteomics Identifies Mixed Lineage Kinase Domain-like Protein (MLKL) as an Heat Shock Protein 90 (HSP90) Client. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 1139-1150	7.6	7
207	Overcoming MITF-conferred drug resistance through dual AURKA/MAPK targeting in human melanoma cells. <i>Cell Death and Disease</i> , 2016 , 7, e2135	9.8	17
206	A Surface Biotinylation Strategy for Reproducible Plasma Membrane Protein Purification and Tracking of Genetic and Drug-Induced Alterations. <i>Journal of Proteome Research</i> , 2016 , 15, 647-58	5.6	23
205	Reciprocal stabilization of ABL and TAZ regulates osteoblastogenesis through transcription factor RUNX2. <i>Journal of Clinical Investigation</i> , 2016 , 126, 4482-4496	15.9	49
204	Profiling of Small Molecules by Chemical Proteomics. <i>Methods in Molecular Biology</i> , 2016 , 1394, 211-218	1.4	10
203	A time-resolved molecular map of the macrophage response to VSV infection. <i>Npj Systems Biology and Applications</i> , 2016 , 2, 16027	5	19
202	NANS-mediated synthesis of sialic acid is required for brain and skeletal development. <i>Nature Genetics</i> , 2016 , 48, 777-84	36.3	91
201	Mapping the chemical chromatin reactivation landscape identifies BRD4-TAF1 cross-talk. <i>Nature Chemical Biology</i> , 2016 , 12, 504-10	11.7	32
200	Germline RBBP6 mutations in familial myeloproliferative neoplasms. <i>Blood</i> , 2016 , 127, 362-5	2.2	41
199	Crystal Structure of the Acid Sphingomyelinase-like Phosphodiesterase SMPDL3B Provides Insights into Determinants of Substrate Specificity. <i>Journal of Biological Chemistry</i> , 2016 , 291, 24054-24064	5.4	16
198	Targeting a cell state common to triple-negative breast cancers. <i>Molecular Systems Biology</i> , 2015 , 11, 789	12.2	17
197	A Call for Systematic Research on Solute Carriers. <i>Cell</i> , 2015 , 162, 478-87	56.2	312
196	The Lipid-Modifying Enzyme SMPDL3B Negatively Regulates Innate Immunity. <i>Cell Reports</i> , 2015 , 11, 1919-28	10.6	58
195	Crystal structure of an SH2-kinase construct of c-Abl and effect of the SH2 domain on kinase activity. <i>Biochemical Journal</i> , 2015 , 468, 283-91	3.8	19
194	Pharmacological targeting of the Wdr5-MLL interaction in C/EBP β -terminal leukemia. <i>Nature Chemical Biology</i> , 2015 , 11, 571-578	11.7	159
193	The promise and peril of chemical probes. <i>Nature Chemical Biology</i> , 2015 , 11, 536-41	11.7	523
192	A Conserved Circular Network of Coregulated Lipids Modulates Innate Immune Responses. <i>Cell</i> , 2015 , 162, 170-83	56.2	123

191	Human Haploid Cell Genetics Reveals Roles for Lipid Metabolism Genes in Nonapoptotic Cell Death. <i>ACS Chemical Biology</i> , 2015 , 10, 1604-9	4.9	332
190	Coincidental loss of DOCK8 function in NLRP10-deficient and C3H/HeJ mice results in defective dendritic cell migration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 3056-61	11.5	55
189	Target profiling of an antimetastatic RAPT A agent by chemical proteomics: relevance to the mode of action. <i>Chemical Science</i> , 2015 , 6, 2449-2456	9.4	105
188	KPC1-mediated ubiquitination and proteasomal processing of NF- κ B1 p105 to p50 restricts tumor growth. <i>Cell</i> , 2015 , 161, 333-47	56.2	66
187	Proteome-wide drug and metabolite interaction mapping by thermal-stability profiling. <i>Nature Methods</i> , 2015 , 12, 1055-7	21.6	145
186	Gene essentiality and synthetic lethality in haploid human cells. <i>Science</i> , 2015 , 350, 1092-6	33.3	513
185	Phosphatase and tensin homolog (PTEN) in antigen-presenting cells controls Th17-mediated autoimmune arthritis. <i>Arthritis Research and Therapy</i> , 2015 , 17, 230	5.7	17
184	NOTCH1 activation in breast cancer confers sensitivity to inhibition of SUMOylation. <i>Oncogene</i> , 2015 , 34, 3780-90	9.2	35
183	Enhancing cognate target elution efficiency in gel-free chemical proteomics. <i>EuPA Open Proteomics</i> , 2015 , 9, 43-53	0.1	2
182	Systems biology 2015 , 134-138		
181	A cellular screen identifies ponatinib and pazopanib as inhibitors of necroptosis. <i>Cell Death and Disease</i> , 2015 , 6, e1767	9.8	112
180	Internalization of <i>Pseudomonas aeruginosa</i> Strain PAO1 into Epithelial Cells Is Promoted by Interaction of a T6SS Effector with the Microtubule Network. <i>MBio</i> , 2015 , 6, e00712	7.8	82
179	Superoxide Dismutase 1 Protects Hepatocytes from Type I Interferon-Driven Oxidative Damage. <i>Immunity</i> , 2015 , 43, 974-86	32.3	43
178	SLC38A9 is a component of the lysosomal amino acid sensing machinery that controls mTORC1. <i>Nature</i> , 2015 , 519, 477-81	50.4	430
177	The RNA-binding protein HuR/ELAVL1 regulates IFN- γ mRNA abundance and the type I IFN response. <i>European Journal of Immunology</i> , 2015 , 45, 1500-11	6.1	36
176	Viperin is an iron-sulfur protein that inhibits genome synthesis of tick-borne encephalitis virus via radical SAM domain activity. <i>Cellular Microbiology</i> , 2014 , 16, 834-48	3.9	68
175	Host-cell sensors for <i>Plasmodium</i> activate innate immunity against liver-stage infection. <i>Nature Medicine</i> , 2014 , 20, 47-53	50.5	186
174	MMP13 mutations are the cause of recessive metaphyseal dysplasia, Spahr type. <i>American Journal of Medical Genetics, Part A</i> , 2014 , 164A, 1175-9	2.5	10

173	Biallelic loss-of-function mutation in NIK causes a primary immunodeficiency with multifaceted aberrant lymphoid immunity. <i>Nature Communications</i> , 2014 , 5, 5360	17.4	89
172	Identification of kinase inhibitor targets in the lung cancer microenvironment by chemical and phosphoproteomics. <i>Molecular Cancer Therapeutics</i> , 2014 , 13, 2751-62	6.1	18
171	The solute carrier SLC35F2 enables YM155-mediated DNA damage toxicity. <i>Nature Chemical Biology</i> , 2014 , 10, 768-773	11.7	125
170	JAGN1 deficiency causes aberrant myeloid cell homeostasis and congenital neutropenia. <i>Nature Genetics</i> , 2014 , 46, 1021-7	36.3	87
169	The lysine methyltransferase SMYD3 interacts with hepatitis C virus NS5A and is a negative regulator of viral particle production. <i>Virology</i> , 2014 , 462-463, 34-41	3.6	14
168	Toward effective sharing of high-dimensional immunology data. <i>Nature Biotechnology</i> , 2014 , 32, 755-9	44.5	9
167	A chemical biology approach identifies AMPK as a modulator of melanoma oncogene MITF. <i>Oncogene</i> , 2014 , 33, 2531-9	9.2	27
166	Evaluating the promiscuous nature of tyrosine kinase inhibitors assessed in A431 epidermoid carcinoma cells by both chemical- and phosphoproteomics. <i>ACS Chemical Biology</i> , 2014 , 9, 1490-8	4.9	14
165	Building and exploring an integrated human kinase network: global organization and medical entry points. <i>Journal of Proteomics</i> , 2014 , 107, 113-27	3.9	14
164	A1.8 A dual role of MTOR in the rheumatoid mesenchymal tissue response to inflammation. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, A3.3-A4	2.4	1
163	The SH2 domain regulates c-Abl kinase activation by a cyclin-like mechanism and remodulation of the hinge motion. <i>PLoS Computational Biology</i> , 2014 , 10, e1003863	5	20
162	IFITs: Emerging Roles as Key Anti-Viral Proteins. <i>Frontiers in Immunology</i> , 2014 , 5, 94	8.4	60
161	Virulence factor NSs of rift valley fever virus recruits the F-box protein FBXO3 to degrade subunit p62 of general transcription factor TFIIH. <i>Journal of Virology</i> , 2014 , 88, 3464-73	6.6	52
160	Stereospecific targeting of MTH1 by (S)-crizotinib as an anticancer strategy. <i>Nature</i> , 2014 , 508, 222-7	50.4	272
159	Affinity purification strategies for proteomic analysis of transcription factor complexes. <i>Journal of Proteome Research</i> , 2013 , 12, 4018-27	5.6	19
158	The CRAPome: a contaminant repository for affinity purification-mass spectrometry data. <i>Nature Methods</i> , 2013 , 10, 730-6	21.6	894
157	A miniaturized chemical proteomic approach for target profiling of clinical kinase inhibitors in tumor biopsies. <i>Journal of Proteome Research</i> , 2013 , 12, 4005-17	5.6	13
156	A reversible gene trap collection empowers haploid genetics in human cells. <i>Nature Methods</i> , 2013 , 10, 965-71	21.6	76

155	Interactome of two diverse RNA granules links mRNA localization to translational repression in neurons. <i>Cell Reports</i> , 2013 , 5, 1749-62	10.6	106
154	Somatic mutations of calreticulin in myeloproliferative neoplasms. <i>New England Journal of Medicine</i> , 2013 , 369, 2379-90	59.2	1367
153	Experimental characterization of the human non-sequence-specific nucleic acid interactome. <i>Genome Biology</i> , 2013 , 14, R81	18.3	3
152	Structural basis for viral 5RPPP-RNA recognition by human IFIT proteins. <i>Nature</i> , 2013 , 494, 60-4	50.4	155
151	A method to resolve the composition of heterogeneous affinity-purified protein complexes assembled around a common protein by chemical cross-linking, gel electrophoresis and mass spectrometry. <i>Nature Protocols</i> , 2013 , 8, 75-97	18.8	24
150	FAM111A mutations result in hypoparathyroidism and impaired skeletal development. <i>American Journal of Human Genetics</i> , 2013 , 92, 990-5	11	84
149	Interactome Networks 2013 , 45-63		4
148	Interlaboratory reproducibility of large-scale human protein-complex analysis by standardized AP-MS. <i>Nature Methods</i> , 2013 , 10, 307-14	21.6	157
147	Protein interaction networks in innate immunity. <i>Trends in Immunology</i> , 2013 , 34, 610-9	14.4	19
146	Perturbation of the mutated EGFR interactome identifies vulnerabilities and resistance mechanisms. <i>Molecular Systems Biology</i> , 2013 , 9, 705	12.2	37
145	A6.14 mTOR Directed Mesenchymal Tissue Response to Inflammation in Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, A47.1-A47	2.4	
144	A target-disease network model of second-generation BCR-ABL inhibitor action in Ph+ ALL. <i>PLoS ONE</i> , 2013 , 8, e77155	3.7	11
143	PTEN in antigen presenting cells is a master regulator for Th17-mediated autoimmune pathology. <i>Arthritis Research and Therapy</i> , 2012 , 14,	5.7	1
142	A comparative proteomic study of human skin suction blister fluid from healthy individuals using immunodepletion and iTRAQ labeling. <i>Journal of Proteome Research</i> , 2012 , 11, 3715-27	5.6	45
141	BCR-ABL uncouples canonical JAK2-STAT5 signaling in chronic myeloid leukemia. <i>Nature Chemical Biology</i> , 2012 , 8, 285-93	11.7	135
140	Plk1-dependent phosphorylation of optineurin provides a negative feedback mechanism for mitotic progression. <i>Molecular Cell</i> , 2012 , 45, 553-66	17.6	68
139	Special issue - modular protein domains. <i>FEBS Letters</i> , 2012 , 586, 2571	3.8	1
138	The growing arsenal of ATP-competitive and allosteric inhibitors of BCR-ABL. <i>Cancer Research</i> , 2012 , 72, 4890-5	10.1	62

137	Mig6 is a sensor of EGF receptor inactivation that directly activates c-Abl to induce apoptosis during epithelial homeostasis. <i>Developmental Cell</i> , 2012 , 23, 547-59	10.2	38
136	Systems-pharmacology dissection of a drug synergy in imatinib-resistant CML. <i>Nature Chemical Biology</i> , 2012 , 8, 905-912	11.7	84
135	Deconvolution of targeted protein-protein interaction maps. <i>Journal of Proteome Research</i> , 2012 , 11, 4102-9	5.6	8
134	Optimisation of Downscaled Tandem Affinity Purifications to Identify Core Protein Complexes. <i>Journal of Integrated OMICS</i> , 2012 , 2, 55-68	0.5	4
133	Systems biology analysis of protein-drug interactions. <i>Proteomics - Clinical Applications</i> , 2012 , 6, 102-16	3.1	19
132	Chapter 7:Target/s Identification Approaches [Experimental Biological Approaches. <i>RSC Drug Discovery Series</i> , 2012 , 94-110	0.6	
131	Viral immune modulators perturb the human molecular network by common and unique strategies. <i>Nature</i> , 2012 , 487, 486-90	50.4	193
130	SAMHD1 is a nucleic-acid binding protein that is mislocalized due to aicardi-goutières syndrome-associated mutations. <i>Human Mutation</i> , 2012 , 33, 1116-22	4.7	103
129	Cell biology: a key driver of therapeutic innovation. <i>Journal of Cell Biology</i> , 2012 , 199, 571-5	7.3	1
128	Compound immobilization and drug-affinity chromatography. <i>Methods in Molecular Biology</i> , 2012 , 803, 25-38	1.4	9
127	Systems Biology Analysis of Kinase Inhibitor Protein Target Profiles in Leukemia Treatments. <i>Lecture Notes in Computer Science</i> , 2012 , 62-66	0.9	
126	Targeting the SH2-kinase interface in Bcr-Abl inhibits leukemogenesis. <i>Cell</i> , 2011 , 147, 306-19	56.2	102
125	IFIT1 is an antiviral protein that recognizes 5Rtriphosphate RNA. <i>Nature Immunology</i> , 2011 , 12, 624-30	19.1	331
124	Functional dissection of the TBK1 molecular network. <i>PLoS ONE</i> , 2011 , 6, e23971	3.7	90
123	KIT-D816V-independent oncogenic signaling in neoplastic cells in systemic mastocytosis: role of Lyn and Btk activation and disruption by dasatinib and bosutinib. <i>Blood</i> , 2011 , 118, 1885-98	2.2	60
122	Initial characterization of the human central proteome. <i>BMC Systems Biology</i> , 2011 , 5, 17	3.5	56
121	Systems medicine and integrated care to combat chronic noncommunicable diseases. <i>Genome Medicine</i> , 2011 , 3, 43	14.4	137
120	Complement factor H binds malondialdehyde epitopes and protects from oxidative stress. <i>Nature</i> , 2011 , 478, 76-81	50.4	386

119	General statistical modeling of data from protein relative expression isobaric tags. <i>Journal of Proteome Research</i> , 2011 , 10, 2758-66	5.6	102
118	After the grape rush: sirtuins as epigenetic drug targets in neurodegenerative disorders. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 3616-24	3.4	50
117	Proteomic analysis of human cataract aqueous humour: Comparison of one-dimensional gel LCMS with two-dimensional LCMS of unlabelled and iTRAQ [®] -labelled specimens. <i>Journal of Proteomics</i> , 2011 , 74, 151-66	3.9	74
116	An integrated chemical biology approach identifies specific vulnerability of Ewing's sarcoma to combined inhibition of Aurora kinases A and B. <i>Molecular Cancer Therapeutics</i> , 2011 , 10, 1846-56	6.1	32
115	A potent and highly specific FN3 monobody inhibitor of the Abl SH2 domain. <i>Nature Structural and Molecular Biology</i> , 2010 , 17, 519-27	17.6	120
114	A comprehensive target selectivity survey of the BCR-ABL kinase inhibitor INNO-406 by kinase profiling and chemical proteomics in chronic myeloid leukemia cells. <i>Leukemia</i> , 2010 , 24, 44-50	10.7	58
113	A chemical and phosphoproteomic characterization of dasatinib action in lung cancer. <i>Nature Chemical Biology</i> , 2010 , 6, 291-9	11.7	221
112	Mass Spectrometry and its Applications to Functional Proteomics 2010 , 307-323		
111	Analysis of TNFR2-mediated functions on osteoclast precursor cells. <i>Annals of the Rheumatic Diseases</i> , 2010 , 69, A35-A36	2.4	2
110	CD14 is a coreceptor of Toll-like receptors 7 and 9. <i>Journal of Experimental Medicine</i> , 2010 , 207, 2689-7016.6	16.6	159
109	A computational approach to analyze the mechanism of action of the kinase inhibitor bafetinib. <i>PLoS Computational Biology</i> , 2010 , 6, e1001001	5	18
108	Peroxisomes are signaling platforms for antiviral innate immunity. <i>Cell</i> , 2010 , 141, 668-81	56.2	577
107	BCR-ABL SH3-SH2 domain mutations in chronic myeloid leukemia patients on imatinib. <i>Blood</i> , 2010 , 116, 3278-85	2.2	65
106	Antiinflammatory effects of tumor necrosis factor on hematopoietic cells in a murine model of erosive arthritis. <i>Arthritis and Rheumatism</i> , 2010 , 62, 1608-19		53
105	MASPECTRAS 2: An integration and analysis platform for proteomic data. <i>Proteomics</i> , 2010 , 10, 2719-22	4.8	20
104	Functional Genomic and Proteomic Characterization of Normal and Oncogenic CEBPA Variants In Myeloid Cells. <i>Blood</i> , 2010 , 116, 3873-3873	2.2	
103	Bcr-Abl Directly Activates Stat5 Independent of Jak2. <i>Blood</i> , 2010 , 116, 511-511	2.2	
102	Charting the molecular network of the drug target Bcr-Abl. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 7414-9	11.5	130

101	The TLR-independent DNA recognition pathway in murine macrophages: Ligand features and molecular signature. <i>European Journal of Immunology</i> , 2009 , 39, 1929-36	6.1	27
100	The structure of the leukemia drug imatinib bound to human quinone reductase 2 (NQO2). <i>BMC Structural Biology</i> , 2009 , 9, 7	2.7	67
99	Immunosuppression and atypical infections in CML patients treated with dasatinib at 140 mg daily. <i>European Journal of Clinical Investigation</i> , 2009 , 39, 1098-109	4.6	79
98	Global target profile of the kinase inhibitor bosutinib in primary chronic myeloid leukemia cells. <i>Leukemia</i> , 2009 , 23, 477-85	10.7	216
97	Target profiling of small molecules by chemical proteomics. <i>Nature Chemical Biology</i> , 2009 , 5, 616-24	11.7	451
96	An orthogonal proteomic-genomic screen identifies AIM2 as a cytoplasmic DNA sensor for the inflammasome. <i>Nature Immunology</i> , 2009 , 10, 266-72	19.1	809
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3	A widespread role for SLC transmembrane transporters in resistance to cytotoxic drugs		1
2	Why most transporter mutations that cause antibiotic resistance are to efflux pumps rather than to import transporters		2
1	A systematic genetic interaction map of human solute carriers assigns a role to SLC25A51/MCART1 in mitochondrial NAD uptake		2