Fabian V Filipp

List of Publications by Year
in descending order

56 papers	2,392 citations	270111 25 h-index	242451 47 g-index
75 all docs	75 docs citations	75 times ranked	5094 citing authors

#	Article	IF	Citations
1	A hexokinase isoenzyme switch in human liver cancer cells promotes lipogenesis and enhances innate immunity. Communications Biology, 2021, 4, 217.	2.0	21
2	BCL-2 and BCL-Xl Use Different Molecular Mechanisms to Regulate Carbohydrate Metabolism. Biophysical Journal, 2021, 120, 261a.	0.2	0
3	Bcl-2 Overexpression Stimulates Cell Proliferation and Lactic Fermentation without Affecting Whole Cell Respiration. Biophysical Journal, 2020, 118, 133a.	0.2	1
4	EZH2 Cooperates with DNA Methylation to Downregulate Key Tumor Suppressors and IFN Gene Signatures in Melanoma. Journal of Investigative Dermatology, 2020, 140, 2442-2454.e5.	0.3	46
5	Bromodomain and extra-terminal domain (BET) proteins regulate melanocyte differentiation. Epigenetics and Chromatin, 2020, 13, 14.	1.8	17
6	Evaluation of integrin Î±vÎ²6 cystine knot PET tracers to detect cancer and idiopathic pulmonary fibrosis. Nature Communications, 2019, 10, 4673.	5.8	73
7	Cistromic Reprogramming of the Diurnal Glucocorticoid Hormone Response by High-Fat Diet. Molecular Cell, 2019, 76, 531-545.e5.	4.5	63
8	CD271 is a molecular switch with divergent roles in melanoma and melanocyte development. Scientific Reports, 2019, 9, 7696.	1.6	21
9	Concurrent Targeting of Glutaminolysis and Metabotropic Glutamate Receptor 1 (GRM1) Reduces Glutamate Bioavailability in GRM1+ Melanoma. Cancer Research, 2019, 79, 1799-1809.	0.4	29
10	Down-regulation of FZD3 receptor suppresses growth and metastasis of human melanoma independently of canonical WNT signaling. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4548-4557.	3.3	30
11	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	1.4	15
12	Opportunities for Artificial Intelligence in Advancing Precision Medicine. Current Genetic Medicine Reports, 2019, 7, 208-213.	1.9	52
13	Chemoprevention agents for melanoma: A path forward into phase 3 clinical trials. Cancer, 2019, 125, 18-44.	2.0	29
14	Systems biology analysis of mitogen activated protein kinase inhibitor resistance in malignant melanoma. BMC Systems Biology, 2018, 12, 33.	3.0	25
15	Frontiers in pigment cell and melanoma research. Pigment Cell and Melanoma Research, 2018, 31, 728-735.	1.5	10
16	Epioncogene Networks: Identification of Epigenomic and Transcriptomic Cooperation by Multi-omics Integration of ChIP-Seq and RNA-Seq Data. RNA Technologies, 2018, , 129-151.	0.2	1
17	A network of epigenomic and transcriptional cooperation encompassing an epigenomic master regulator in cancer. Npj Systems Biology and Applications, 2018, 4, 24.	1.4	33
18	Abstract 5493: Targeted inhibition of glutaminase in GRM1-expressing melanoma cells inhibits cell proliferation by reducing glutamate bioavailability. , 2018, , .		0

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19	Precision medicine driven by cancer systems biology. Cancer and Metastasis Reviews, 2017, 36, 91-108.	2.7	38
20	Crosstalk between epigenetics and metabolismâ€"Yin and Yang of histone demethylases and methyltransferases in cancer. Briefings in Functional Genomics, 2017, 16, 320-325.	1.3	26
21	Insulin induces a shift in lipid and primary carbon metabolites in a model of fasting-induced insulin resistance. Metabolomics, 2017, 13, 1.	1.4	9
22	Metabolic shift in density-dependent stem cell differentiation. Cell Communication and Signaling, 2017, 15, 44.	2.7	17
23	Metabolic profiling of triple-negative breast cancer cells reveals metabolic vulnerabilities. Cancer & Metabolism, 2017, 5, 6.	2.4	133
24	The histone demethylaseKDM3Aregulates the transcriptional program of the androgen receptor in prostate cancer cells. Oncotarget, 2017, 8, 30328-30343.	0.8	82
25	Abstract 1676: EZH2 inhibitors in immunotherapy of melanoma. , 2017, , .		1
26	An epigenetic master regulator teams up to become an epioncogene. Oncotarget, 2017, 8, 29538-29539.	0.8	4
27	EZH2 as a mediator of treatment resistance in melanoma. Pigment Cell and Melanoma Research, 2016, 29, 500-507.	1.5	37
28	Refinement of the androgen response element based on ChIP-Seq in androgen-insensitive and androgen-responsive prostate cancer cell lines. Scientific Reports, 2016, 6, 32611.	1.6	97
29	Somatic Copy Number Amplification and Hyperactivating Somatic Mutations of EZH2 Correlate With DNA Methylation and Drive Epigenetic Silencing of Genes Involved in Tumor Suppression and Immune Responses in Melanoma. Neoplasia, 2016, 18, 121-132.	2.3	43
30	Hypermutation of DPYD Deregulates Pyrimidine Metabolism and Promotes Malignant Progression. Molecular Cancer Research, 2016, 14, 196-206.	1.5	25
31	Abstract 2399: System analysis of adapted and quiescent/dormancy(QD) models of drug resistance in melanoma cell lines. , 2016, , .		0
32	Targeting activating mutations of EZH2 leads to potent cell growth inhibition in human melanoma by derepression of tumor suppressor genes. Oncotarget, 2015, 6, 27023-27036.	0.8	83
33	Cancer systems biology of TCGA SKCM: Efficient detection of genomic drivers in melanoma. Scientific Reports, 2015, 5, 7857.	1.6	89
34	Pharmacogenomic and clinical data link non-pharmacokinetic metabolic dysregulation to drug side effect pathogenesis. Nature Communications, 2015, 6, 7101.	5.8	41
35	Simulations of the Structural Switch in PKM2 Mediating the Warburg Effect in Cancer. Biophysical Journal, 2014, 106, 595a.	0.2	0
36	Cancer metabolism meets systems biology: Pyruvate kinase isoform PKM2 is a metabolic master regulator. Journal of Carcinogenesis, 2013, 12, 14.	2.5	52

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37	A Gateway between Omics Data and Systems Biology. , 2013, 1, 1.		3
38	Reversing the rewiring of cancer. International Innovation, 2013, 2013, 113.	0.0	0
39	Unusual binding of ursodeoxycholic acid to ileal bile acid binding protein: role in activation of FXRÎ±. Journal of Lipid Research, 2012, 53, 664-673.	2.0	12
40	Glutamineâ€fueled mitochondrial metabolism is decoupled from glycolysis in melanoma. Pigment Cell and Melanoma Research, 2012, 25, 732-739.	1.5	93
41	Reverse TCA cycle flux through isocitrate dehydrogenases 1 and 2 is required for lipogenesis in hypoxic melanoma cells. Pigment Cell and Melanoma Research, 2012, 25, 375-383.	1.5	153
42	Binding and pK_a Modulation of a Polycyclic Substrate Analogue in a Type II Polyketide Acyl Carrier Protein. ACS Chemical Biology, 2011, 6, 413-418.	1.6	27
43	Comparative Metabolic Flux Profiling of Melanoma Cell Lines. Journal of Biological Chemistry, 2011, 286, 42626-42634.	1.6	274
44	Abstract 69: Functional metabolomic profiling of human melanocyte and melanoma cells during hypoxic adaptation. , 2010, , .		0
45	Structural basis for competitive interactions of Pex14 with the import receptors Pex5 and Pex19. EMBO Journal, 2009, 28, 745-754.	3.5	82
46	Labeling strategies for 13C-detected aligned-sample solid-state NMR of proteins. Journal of Magnetic Resonance, 2009, 201, 121-130.	1.2	14
47	Pore Formation and Structure of the Twin Arginine Translocase Subunit TatA from B. subtilis. Biophysical Journal, 2009, 96, 194a.	0.2	0
48	Probing lipid- and drug-binding domains with fluorescent dyes. Bioorganic and Medicinal Chemistry, 2008, 16, 1162-1173.	1.4	23
49	Conformational Plasticity of the Lipid Transfer Protein SCP2. Biochemistry, 2007, 46, 7980-7991.	1.2	20
50	Tailoring13C labeling for triple-resonance solid-state NMR experiments on aligned samples of proteins. Magnetic Resonance in Chemistry, 2007, 45, s107-s115.	1.1	13
51	Is science killing sport?. EMBO Reports, 2007, 8, 433-435.	2.0	23
52	Recognition of a Functional Peroxisome Type 1 Target by the Dynamic Import Receptor Pex5p. Molecular Cell, 2006, 24, 653-663.	4.5	156
53	Determinants of conformational dimerization of Mad2 and its inhibition by p31comet. EMBO Journal, 2006, 25, 1273-1284.	3.5	124
54	Automated evaluation of chemical shift perturbation spectra: New approaches to quantitative analysis of receptor-ligand interaction NMR spectra. Journal of Biomolecular NMR, 2004, 29, 491-504.	1.6	23

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55	Topography for Independent Binding of Î±-Helical and PPII-Helical Ligands to a Peroxisomal SH3 Domain. Molecular Cell, 2002, 10, 1007-1017.	4.5	81
56	Increased Glutaminolytic Flux and Activation of Mitochondrial Metabolism by BCL2 Hyperactivity in Lymphoma. SSRN Electronic Journal, 0, , .	0.4	0