

Andrew T Magis

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

4,430
citations

185998

28
h-index

123241

61
g-index

79
all docs

79
docs citations

79
times ranked

7320
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated analysis of plasma and single immune cells uncovers metabolic changes in individuals with COVID-19. <i>Nature Biotechnology</i> , 2022, 40, 110-120.	9.4	81
2	Multiple early factors anticipate post-acute COVID-19 sequelae. <i>Cell</i> , 2022, 185, 881-895.e20.	13.5	605
3	Personal Dense Dynamic Data Clouds Connect Systems Biomedicine to Scientific Wellness. <i>Methods in Molecular Biology</i> , 2022, 2486, 315-334.	0.4	1
4	Manifestations of Alzheimer's disease genetic risk in the blood are evident in a multiomic analysis in healthy adults aged 18 to 90. <i>Scientific Reports</i> , 2022, 12, 6117.	1.6	12
5	Heterogeneity in statin responses explained by variation in the human gut microbiome. <i>Med</i> , 2022, 3, 388-405.e6.	2.2	21
6	Gut microbiome pattern reflects healthy ageing and predicts survival in humans. <i>Nature Metabolism</i> , 2021, 3, 274-286.	5.1	278
7	Characteristics and Factors Associated With Coronavirus Disease 2019 Infection, Hospitalization, and Mortality Across Race and Ethnicity. <i>Clinical Infectious Diseases</i> , 2021, 73, 2193-2204.	2.9	41
8	DUOX2 variants associate with preclinical disturbances in microbiota-immune homeostasis and increased inflammatory bowel disease risk. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	35
9	The geometry of clinical labs and wellness states from deeply phenotyped humans. <i>Nature Communications</i> , 2021, 12, 3578.	5.8	19
10	Baseline Gut Metagenomic Functional Gene Signature Associated with Variable Weight Loss Responses following a Healthy Lifestyle Intervention in Humans. <i>MSystems</i> , 2021, 6, e0096421.	1.7	19
11	Discovery of Small Molecule Bak Activator for Lung Cancer Therapy. <i>Theranostics</i> , 2021, 11, 8500-8516.	4.6	19
12	Health and disease markers correlate with gut microbiome composition across thousands of people. <i>Nature Communications</i> , 2020, 11, 5206.	5.8	378
13	Plasma levels of soluble ACE2 are associated with sex, Metabolic Syndrome, and its biomarkers in a large cohort, pointing to a possible mechanism for increased severity in COVID-19. <i>Critical Care</i> , 2020, 24, 452.	2.5	59
14	Multi-Omics Resolves a Sharp Disease-State Shift between Mild and Moderate COVID-19. <i>Cell</i> , 2020, 183, 1479-1495.e20.	13.5	449
15	Multiomic blood correlates of genetic risk identify presymptomatic disease alterations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21813-21820.	3.3	22
16	Longitudinal analysis reveals transition barriers between dominant ecological states in the gut microbiome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13839-13845.	3.3	47
17	Untargeted longitudinal analysis of a wellness cohort identifies markers of metastatic cancer years prior to diagnosis. <i>Scientific Reports</i> , 2020, 10, 16275.	1.6	12
18	Multi-Omic Biological Age Estimation and Its Correlation With Wellness and Disease Phenotypes: A Longitudinal Study of 3,558 Individuals. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, S52-S60.	1.7	56

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19	Mcl-1 Interacts with Akt to Promote Lung Cancer Progression. <i>Cancer Research</i> , 2019, 79, 6126-6138.	0.4	25
20	Blood metabolome predicts gut microbiome $\hat{\pm}$ -diversity in humans. <i>Nature Biotechnology</i> , 2019, 37, 1217-1228.	9.4	213
21	Genetic Predisposition Impacts Clinical Changes in a Lifestyle Coaching Program. <i>Scientific Reports</i> , 2019, 9, 6805.	1.6	48
22	Small Molecule KRAS Agonist for Mutant KRAS Cancer Therapy. <i>Molecular Cancer</i> , 2019, 18, 85.	7.9	41
23	Reply to "Precision medicine in the clouds". <i>Nature Biotechnology</i> , 2018, 36, 680-682.	9.4	2
24	A Multi-omic Association Study of Trimethylamine N-Oxide. <i>Cell Reports</i> , 2018, 24, 935-946.	2.9	115
25	Modulation of Bax and mTOR for Cancer Therapeutics. <i>Cancer Research</i> , 2017, 77, 3001-3012.	0.4	24
26	Genomic, Transcriptional, and Phenotypic Analysis of the Glucose Derepressed <i>Clostridium beijerinckii</i> Mutant Exhibiting Acid Crash Phenotype. <i>Biotechnology Journal</i> , 2017, 12, 1700182.	1.8	14
27	A wellness study of 108 individuals using personal, dense, dynamic data clouds. <i>Nature Biotechnology</i> , 2017, 35, 747-756.	9.4	340
28	Targeting Mcl-1 enhances DNA replication stress sensitivity to cancer therapy. <i>Journal of Clinical Investigation</i> , 2017, 128, 500-516.	3.9	48
29	Sulfatide Preserves Insulin Crystals Not by Being Integrated in the Lattice but by Stabilizing Their Surface. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-4.	1.0	8
30	Small-Molecule Bcl2 BH4 Antagonist for Lung Cancer Therapy. <i>Cancer Cell</i> , 2015, 27, 852-863.	7.7	108
31	SNAPR: A Bioinformatics Pipeline for Efficient and Accurate RNA-Seq Alignment and Analysis. <i>IEEE Life Sciences Letters</i> , 2015, 1, 22-25.	1.2	15
32	Detection of $1\hat{\pm}$,25-Dihydroxyvitamin D-Regulated miRNAs in Zebrafish by Whole Transcriptome Sequencing. <i>Zebrafish</i> , 2014, 11, 207-218.	0.5	14
33	Small-molecule Bax agonists for cancer therapy. <i>Nature Communications</i> , 2014, 5, 4935.	5.8	110
34	Design, synthesis, and biological evaluation of novel FAK scaffold inhibitors targeting the FAK-VEGFR3 protein-protein interaction. <i>European Journal of Medicinal Chemistry</i> , 2014, 80, 154-166.	2.6	26
35	Measuring the Effect of Inter-Study Variability on Estimating Prediction Error. <i>PLoS ONE</i> , 2014, 9, e110840.	1.1	19
36	AUREA: an open-source software system for accurate and user-friendly identification of relative expression molecular signatures. <i>BMC Bioinformatics</i> , 2013, 14, 78.	1.2	7

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37	Disruption of focal adhesion kinase and p53 interaction with small molecule compound R2 reactivated p53 and blocked tumor growth. <i>BMC Cancer</i> , 2013, 13, 342.	1.1	49
38	Novel Small-Molecule Inhibitors of Bcl-XL to Treat Lung Cancer. <i>Cancer Research</i> , 2013, 73, 5485-5496.	0.4	62
39	Multi-study Integration of Brain Cancer Transcriptomes Reveals Organ-Level Molecular Signatures. <i>PLoS Computational Biology</i> , 2013, 9, e1003148.	1.5	16
40	A Small-molecule Inhibitor, 5'-O-Tritylthymidine, Targets FAK and Mdm-2 Interaction, and Blocks Breast and Colon Tumorigenesis in vivo. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013, 13, 532-545.	0.9	27
41	Mitoxantrone Targets the ATP-binding Site of FAK, Binds the FAK Kinase Domain and Decreases FAK, Pyk-2, c-Src, and IGF-1R In Vitro Kinase Activities. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013, 13, 546-554.	0.9	20
42	Inhibiting the Interaction of cMET and IGF-1R with FAK Effectively Reduces Growth of Pancreatic Cancer Cells in vitro and in vivo. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013, 13, 595-602.	0.9	25
43	Research Resource: Whole Transcriptome RNA Sequencing Detects Multiple 1 α ,25-Dihydroxyvitamin D3-Sensitive Metabolic Pathways in Developing Zebrafish. <i>Molecular Endocrinology</i> , 2012, 26, 1630-1642.	3.7	41
44	Kinetic Characterization of Newly Discovered Inhibitors of Various Constructs of Human T-Cell Leukemia Virus-1 (HTLV-1) Protease and Their Effect on HTLV-1-Infected Cells. <i>Antiviral Therapy</i> , 2012, 17, 883-892.	0.6	6
45	The top-scoring \hat{e} -N \hat{a} TM algorithm: a generalized relative expression classification method from small numbers of biomolecules. <i>BMC Bioinformatics</i> , 2012, 13, 227.	1.2	24
46	A small molecule focal adhesion kinase (FAK) inhibitor, targeting Y397 site: 1-(2-hydroxyethyl)-3,5,7-triaza-1-azoniatricyclo [3.3.1.1 ^{3,7}]decane; bromide effectively inhibits FAK autophosphorylation activity and decreases cancer cell viability, clonogenicity and tumor growth in vivo. <i>Carcinogenesis</i> , 2012, 33, 1004-1013.	1.3	73
47	A shift in the salt bridge interaction of residues D620 and E621 mediates the constitutive activation of Jak2-H538Q/K539L. <i>Molecular and Cellular Biochemistry</i> , 2012, 367, 125-140.	1.4	5
48	A46, a benzothiophene-derived compound, suppresses Jak2-mediated pathologic cell growth. <i>Experimental Hematology</i> , 2012, 40, 22-34.	0.2	0
49	Crystallization and preliminary X-ray analysis of the human long myosin light-chain kinase 1-specific domain IgCAM3. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 221-223.	0.7	4
50	Noise Contributions in an Inducible Genetic Switch: A Whole-Cell Simulation Study. <i>PLoS Computational Biology</i> , 2011, 7, e1002010.	1.5	85
51	Graphics processing unit implementations of relative expression analysis algorithms enable dramatic computational speedup. <i>Bioinformatics</i> , 2011, 27, 872-873.	1.8	11
52	Structure-Function Correlation of G6, a Novel Small Molecule Inhibitor of Jak2. <i>Journal of Biological Chemistry</i> , 2010, 285, 31399-31407.	1.6	11
53	The Constitutive Activation of Jak2-V617F Is Mediated by a π - π Stacking Mechanism Involving Phenylalanines 595 and 617. <i>Biochemistry</i> , 2010, 49, 9972-9984.	1.2	36
54	A novel small molecule inhibitor of FAK decreases growth of human pancreatic cancer. <i>Cell Cycle</i> , 2009, 8, 2435-2443.	1.3	150

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55	Identification of Enoxacin as an Inhibitor of Osteoclast Formation and Bone Resorption by Structure-Based Virtual Screening. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 5144-5151.	2.9	46
56	Targeting of the protein interaction site between FAK and IGF-1R. <i>Biochemical and Biophysical Research Communications</i> , 2009, 388, 301-305.	1.0	30
57	Small Molecule Chloropyramine Hydrochloride (C4) Targets the Binding Site of Focal Adhesion Kinase and Vascular Endothelial Growth Factor Receptor 3 and Suppresses Breast Cancer Growth in Vivo. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 4716-4724.	2.9	67
58	Crystallization of the focal adhesion kinase targeting (FAT) domain in a primitive orthorhombic space group. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2008, 64, 564-566.	0.7	2
59	A Bony Fish Immunological Receptor of the NITR Multigene Family Mediates Allogeneic Recognition. <i>Immunity</i> , 2008, 29, 228-237.	6.6	42
60	A Small Molecule Inhibitor, 1,2,4,5-Benzenetetraamine Tetrahydrochloride, Targeting the Y397 Site of Focal Adhesion Kinase Decreases Tumor Growth. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 7405-7416.	2.9	204
61	Z3, a novel Jak2 tyrosine kinase small-molecule inhibitor that suppresses Jak2-mediated pathologic cell growth. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 2308-2318.	1.9	22
62	Crystallization and X-ray diffraction analysis of a novel immune-type receptor from <i>Ictalurus punctatus</i> and phasing by selenium anomalous dispersion methods. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2007, 63, 1035-1037.	0.7	3