

Andreas Windemuth

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

2,810
citations

361413

20
h-index

315739

38
g-index

43
all docs

43
docs citations

43
times ranked

3857
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteome-Scale Drug-Target Interaction Predictions: Approaches and Applications. <i>Current Protocols</i> , 2021, 1, e302.	2.9	7
2	Predicting drug properties with parameter-free machine learning: pareto-optimal embedded modeling (POEM). <i>Machine Learning: Science and Technology</i> , 2020, 1, 025008.	5.0	9
3	Comprehensive mapping of cystic fibrosis mutations to CFTR protein identifies mutation clusters and molecular docking predicts corrector binding site. <i>Proteins: Structure, Function and Bioinformatics</i> , 2018, 86, 833-843.	2.6	47
4	Cover Image, Volume 86, Issue 8. <i>Proteins: Structure, Function and Bioinformatics</i> , 2018, 86, C1-C1.	2.6	0
5	Computational proteome-wide screening predicts neurotoxic drug-protein interactome for the investigational analgesic BIA 10-2474. <i>Biochemical and Biophysical Research Communications</i> , 2017, 483, 502-508.	2.1	15
6	Structural coverage of the proteome for pharmaceutical applications. <i>Drug Discovery Today</i> , 2017, 22, 1792-1799.	6.4	51
7	Novel gene-brain structure relationships in psychotic disorder revealed using parallel independent component analyses. <i>Schizophrenia Research</i> , 2017, 182, 74-83.	2.0	9
8	Laboratory Medicine in the Clinical Decision Support for Treatment of Hypercholesterolemia. <i>Clinics in Laboratory Medicine</i> , 2016, 36, 473-491.	1.4	5
9	Multivariate Genetic Correlates of the Auditory Paired Stimuli-Based P2 Event-Related Potential in the Psychosis Dimension From the BSNIP Study. <i>Schizophrenia Bulletin</i> , 2016, 42, 851-862.	4.3	10
10	Genetic Sources of Subcomponents of Event-Related Potential in the Dimension of Psychosis Analyzed From the B-SNIP Study. <i>American Journal of Psychiatry</i> , 2015, 172, 466-478.	7.2	23
11	Multivariate analysis reveals genetic associations of the resting default mode network in psychotic bipolar disorder and schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2066-75.	7.1	207
12	Validation of candidate genes associated with cardiovascular risk factors in psychiatric patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 36, 213-219.	4.8	3
13	Novel drug metabolism indices for pharmacogenetic functional status based on combinatory genotyping of <i>CYP2C9</i> , <i>CYP2C19</i> and <i>CYP2D6</i> genes. <i>Biomarkers in Medicine</i> , 2011, 5, 427-438.	1.4	28
14	Mechanisms of statin-induced myalgia assessed by physiogenomic associations. <i>Atherosclerosis</i> , 2011, 218, 451-456.	0.8	57
15	Guidance of pharmacotherapy in a complex psychiatric case by CYP450 DNA typing. <i>Journal of the American Academy of Nurse Practitioners</i> , 2011, 23, 459-463.	1.4	9
16	Physiogenomic analysis of CYP450 drug metabolism correlates dyslipidemia with pharmacogenetic functional status in psychiatric patients. <i>Biomarkers in Medicine</i> , 2011, 5, 439-449.	1.4	19
17	Physiogenomic analysis of statin-treated patients: domain-specific counter effects within the <i>ACACB</i> gene on low-density lipoprotein cholesterol?. <i>Pharmacogenomics</i> , 2010, 11, 959-971.	1.3	9
18	Genetic Associations of Brain Structural Networks in Schizophrenia: A Preliminary Study. <i>Biological Psychiatry</i> , 2010, 68, 657-666.	1.3	49

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19	CYP2C9 and VKORC1 genotypes in Puerto Ricans: A case for admixture-matching in clinical pharmacogenetic studies. <i>Clinica Chimica Acta</i> , 2010, 411, 1306-1311.	1.1	19
20	Exposure to non-therapeutic INR in a high risk cardiovascular patient: potential hazard reduction with genotype-guided warfarin (Coumadin) dosing. <i>Puerto Rico Health Sciences Journal</i> , 2010, 29, 402-8.	0.2	0
21	Combining fMRI and SNP data to investigate connections between brain function and genetics using parallel ICA. <i>Human Brain Mapping</i> , 2009, 30, 241-255.	3.6	237
22	Physiogenomic comparison of edema and BMI in patients receiving rosiglitazone or pioglitazone. <i>Clinica Chimica Acta</i> , 2009, 400, 48-55.	1.1	35
23	Acetyl-coenzyme A carboxylase \pm gene variations may be associated with the direct effects of some antipsychotics on triglyceride levels. <i>Schizophrenia Research</i> , 2009, 115, 136-140.	2.0	16
24	Prevalence of combinatorial CYP2C9 and VKORC1 genotypes in Puerto Ricans: implications for warfarin management in Hispanics. <i>Ethnicity and Disease</i> , 2009, 19, 390-5.	2.3	17
25	For the patient. DNA makeup of Hispanic persons should be determined before warfarin prescription. <i>Ethnicity and Disease</i> , 2009, 19, 479-80.	2.3	0
26	Physiogenomic Analysis of Localized fMRI Brain Activity in Schizophrenia. <i>Annals of Biomedical Engineering</i> , 2008, 36, 877-888.	2.5	18
27	Integrating genomic based information into clinical warfarin (Coumadin) management: an illustrative case report. <i>Connecticut Medicine</i> , 2008, 72, 399-403.	0.2	4
28	A clinical study of the association of antipsychotics with hyperlipidemia. <i>Schizophrenia Research</i> , 2007, 92, 95-102.	2.0	72
29	Somatic complications of psychotropic medications in a patient with multiple CYP2 drug metabolism deficiencies. <i>Connecticut Medicine</i> , 2007, 71, 197-200.	0.2	6
30	Apolipoprotein A1 genotype affects the change in high density lipoprotein cholesterol subfractions with exercise training. <i>Atherosclerosis</i> , 2006, 185, 65-69.	0.8	42
31	Designing physiogenomic studies. <i>Pharmacogenomics</i> , 2006, 7, 157-158.	1.3	7
32	New and confirmatory evidence of an association between APOE genotype and baseline C-reactive protein in dyslipidemic individuals. <i>Atherosclerosis</i> , 2004, 177, 345-351.	0.8	61
33	Genome-wide evaluation of the public SNP databases. <i>Pharmacogenomics</i> , 2003, 4, 779-789.	1.3	44
34	How many SNPs does a genome-wide haplotype map require?. <i>Pharmacogenomics</i> , 2002, 3, 379-391.	1.3	98
35	Haplotype Variation and Linkage Disequilibrium in 313 Human Genes. <i>Science</i> , 2001, 293, 489-493.	12.6	768
36	The predictive power of haplotypes in clinical response. <i>Pharmacogenomics</i> , 2000, 1, 15-26.	1.3	129

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37	Gene expression analysis by transcript profiling coupled to a gene database query. <i>Nature Biotechnology</i> , 1999, 17, 798-803.	17.5	172
38	On the calculation of binding free energies using continuum methods: Application to MHC class I protein-peptide interactions. <i>Protein Science</i> , 1997, 6, 1293-1301.	7.6	179
39	The fast multipole boundary element method for molecular electrostatics: An optimal approach for large systems. <i>Journal of Computational Chemistry</i> , 1995, 16, 898-913.	3.3	147
40	Accelerated molecular dynamics simulation with the parallel fast multipole algorithm. <i>Chemical Physics Letters</i> , 1992, 198, 89-94.	2.6	172
41	Molecular dynamics simulation on a network of workstations using a machine-independent parallel programming language. <i>Journal of Biomedical Informatics</i> , 1992, 25, 168-180.	0.7	10