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List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4072619/publications.pdf>

Version: 2024-02-01

18
papers

9,950
citations

623188

14
h-index

839053

18
g-index

18
all docs

18
docs citations

18
times ranked

23411
citing authors

#	ARTICLE	IF	CITATIONS
1	Enrichr: a comprehensive gene set enrichment analysis web server 2016 update. <i>Nucleic Acids Research</i> , 2016, 44, W90-W97.	6.5	7,240
2	The harmonizome: a collection of processed datasets gathered to serve and mine knowledge about genes and proteins. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw100.	1.4	1,085
3	LINCS Canvas Browser: interactive web app to query, browse and interrogate LINCS L1000 gene expression signatures. <i>Nucleic Acids Research</i> , 2014, 42, W449-W460.	6.5	280
4	Pharos: Collating protein information to shed light on the druggable genome. <i>Nucleic Acids Research</i> , 2017, 45, D995-D1002.	6.5	271
5	L1000CDS2: LINCS L1000 characteristic direction signatures search engine. <i>Npj Systems Biology and Applications</i> , 2016, 2, .	1.4	250
6	Extraction and analysis of signatures from the Gene Expression Omnibus by the crowd. <i>Nature Communications</i> , 2016, 7, 12846.	5.8	204
7	Methods for Photocrosslinking Alginate Hydrogel Scaffolds with High Cell Viability. <i>Tissue Engineering - Part C: Methods</i> , 2011, 17, 173-179.	1.1	167
8	Regional mechanics determine collagen fiber structure in healing myocardial infarcts. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 52, 1083-1090.	0.9	106
9	Lean Big Data integration in systems biology and systems pharmacology. <i>Trends in Pharmacological Sciences</i> , 2014, 35, 450-460.	4.0	85
10	Mechanical regulation of fibroblast migration and collagen remodelling in healing myocardial infarcts. <i>Journal of Physiology</i> , 2012, 590, 4585-4602.	1.3	70
11	Coupled agent-based and finite-element models for predicting scar structure following myocardial infarction. <i>Progress in Biophysics and Molecular Biology</i> , 2014, 115, 235-243.	1.4	50
12	GEO2Enrichr: browser extension and server app to extract gene sets from GEO and analyze them for biological functions. <i>Bioinformatics</i> , 2015, 31, 3060-3062.	1.8	50
13	Mechanical Boundary Conditions Bias Fibroblast Invasion in a Collagen-Fibrin Wound Model. <i>Biophysical Journal</i> , 2014, 106, 932-943.	0.2	23
14	Systematic interrogation of diverse Omic data reveals interpretable, robust, and generalizable transcriptomic features of clinically successful therapeutic targets. <i>PLoS Computational Biology</i> , 2018, 14, e1006142.	1.5	22
15	Systems Analysis Implicates WAVE2 Complex in the Pathogenesis of Developmental Left-Sided Obstructive Heart Defects. <i>JACC Basic To Translational Science</i> , 2020, 5, 376-386.	1.9	15
16	Reprint of "Abstraction for data integration: Fusing mammalian molecular, cellular and phenotype big datasets for better knowledge extraction" <i>Computational Biology and Chemistry</i> , 2015, 59, 123-138.	1.1	14
17	Drug/Cell-line Browser: interactive canvas visualization of cancer drug/cell-line viability assay datasets. <i>Bioinformatics</i> , 2014, 30, 3289-3290.	1.8	10
18	Control of the Electromechanical Properties of Alginate Hydrogels via Ionic and Covalent Cross-Linking and Microparticle Doping. <i>Biomacromolecules</i> , 2010, 11, 2184-2189.	2.6	8