

Anna Niarakis

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,030
citations

777949

13
h-index

536525

29
g-index

42
all docs

42
docs citations

42
times ranked

1760
citing authors

#	ARTICLE	IF	CITATIONS
1	Toehold switch based biosensors for sensing the highly trafficked rosewood <i>Dalbergia maritima</i> . <i>Synthetic and Systems Biotechnology</i> , 2022, 7, 791-801.	1.8	2
2	Building digital twins of the human immune system: toward a roadmap. <i>Npj Digital Medicine</i> , 2022, 5, .	5.7	43
3	Boolean modelling as a logic-based dynamic approach in systems medicine. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 3161-3172.	1.9	23
4	Addressing <i>barriers in comprehensiveness, accessibility, reusability, interoperability and reproducibility of computational models in systems biology</i>. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	10
5	A practical guide to mechanistic systems modeling in biology using a logic-based approach. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	19
6	Setting the basis of best practices and standards for curation and annotation of logical models in biology—highlights of the [BC]2 2019 CoLoMoTo/SysMod Workshop. <i>Briefings in Bioinformatics</i> , 2021, 22, 1848-1859.	3.2	25
7	SysMod: the ISCB community for data-driven computational modelling and multi-scale analysis of biological systems. <i>Bioinformatics</i> , 2021, 37, 3702-3706.	1.8	6
8	Inference of an Integrative, Executable Network for Rheumatoid Arthritis Combining Data-Driven Machine Learning Approaches and a State-of-the-Art Mechanistic Disease Map. <i>Journal of Personalized Medicine</i> , 2021, 11, 785.	1.1	11
9	Data integration in logic-based models of biological mechanisms. <i>Current Opinion in Systems Biology</i> , 2021, 28, 100386.	1.3	9
10	The status of causality in biological databases: data resources and data retrieval possibilities to support logical modeling. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	15
11	Metabolic Reprogramming of Fibroblasts as Therapeutic Target in Rheumatoid Arthritis and Cancer: Deciphering Key Mechanisms Using Computational Systems Biology Approaches. <i>Cancers</i> , 2021, 13, 35.	1.7	16
12	COVID19 Disease Map, a computational knowledge repository of virus–host interaction mechanisms. <i>Molecular Systems Biology</i> , 2021, 17, e10387.	3.2	53
13	Identification of putative master regulators in rheumatoid arthritis synovial fibroblasts using gene expression data and network inference. <i>Scientific Reports</i> , 2020, 10, 16236.	1.6	12
14	COVID-19 Disease Map, building a computational repository of SARS-CoV-2 virus-host interaction mechanisms. <i>Scientific Data</i> , 2020, 7, 136.	2.4	99
15	Automated inference of Boolean models from molecular interaction maps using CaSQ. <i>Bioinformatics</i> , 2020, 36, 4473-4482.	1.8	57
16	RA-map: building a state-of-the-art interactive knowledge base for rheumatoid arthritis. <i>Database: the Journal of Biological Databases and Curation</i> , 2020, 2020, .	1.4	25
17	Effects of proteasome inhibitors on cytokines, metalloproteinases and their inhibitors and collagen type-I expression in periprosthetic tissues and fibroblasts from loose arthroplasty endoprostheses. <i>Connective Tissue Research</i> , 2019, 60, 555-570.	1.1	2
18	Community-driven roadmap for integrated disease maps. <i>Briefings in Bioinformatics</i> , 2019, 20, 659-670.	3.2	48

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19	Computational Systems Biology Approach for the Study of Rheumatoid Arthritis: From a Molecular Map to a Dynamical Model. <i>Genomics and Computational Biology</i> , 2017, 4, 100050.	0.7	20
20	Modélisation logique et analyse intégrative des voies moléculaires impliquées dans la polyarthrite rhumatoïde. <i>Revue Du Rhumatisme (Edition Francaise)</i> , 2016, 83, A297.	0.0	0
21	Activating and Inhibitory Receptors on Mast Cells. , 2014, , 1-10.		2
22	Computational Modeling of the Main Signaling Pathways Involved in Mast Cell Activation. <i>Current Topics in Microbiology and Immunology</i> , 2014, 382, 69-93.	0.7	22
23	Proteomic Analysis of the SH2Domain-containing Leukocyte Protein of 76 kDa (SLP76) Interactome. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 2874-2889.	2.5	11
24	Detection of a latent soluble form of membrane type 1 matrix metalloprotease bound with tissue inhibitor of matrix metalloproteinases-2 in periprosthetic tissues and fluids from loose arthroplasty endoprostheses. <i>FEBS Journal</i> , 2013, 280, 6541-6555.	2.2	9
25	Uptake and permeability studies of BBB-targeting immunoliposomes using the hCMEC/D3 cell line. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 77, 265-274.	2.0	108
26	Effect of curcumin-associated and lipid ligand-functionalized nanoliposomes on aggregation of the Alzheimer's A β peptide. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 541-550.	1.7	122
27	Curcumin-decorated nanoliposomes with very high affinity for amyloid- β 1-42 peptide. <i>Biomaterials</i> , 2011, 32, 1635-1645.	5.7	198
28	Walker 256 cancer cells secrete tissue inhibitor of metalloproteinase-free metalloproteinase-9. <i>Molecular and Cellular Biochemistry</i> , 2009, 328, 189-199.	1.4	9
29	Antiovarian antibodies in primary Sjogren's syndrome. <i>Rheumatology International</i> , 2007, 27, 1149-1155.	1.5	14
30	Fc epsilon receptor (FCER1) signaling. <i>Reactome - A Curated Knowledgebase of Biological Pathways</i> , 0, 45, .	0.0	0
31	A Mechanistic Cellular Atlas of the Rheumatic Joint. <i>Frontiers in Systems Biology</i> , 0, 2, .	0.5	8