Anna Niarakis

List of Publications by Year
in descending order

31	1,030	687363	477307
papers	**citations**	**13**	**29**
		h-index	**g-index**

42	42	42	1567
all docs	**docs citations**	**times ranked**	**citing authors**

#	Article	IF	Citations
1	Toehold switch based biosensors for sensing the highly trafficked rosewood Dalbergia maritima. Synthetic and Systems Biotechnology, 2022, 7, 791-801.	3.7	2
2	Building digital twins of the human immune system: toward a roadmap. Npj Digital Medicine, 2022, 5, .	10.9	43
3	Boolean modelling as a logic-based dynamic approach in systems medicine. Computational and Structural Biotechnology Journal, 2022, 20, 3161-3172.	4.1	23
4	Addressing <i>barriers in comprehensiveness, accessibility, reusability, interoperability and reproducibility of computational models in systems biology</i>. Briefings in Bioinformatics, 2022, 23, .	6.5	10
5	A practical guide to mechanistic systems modeling in biology using a logic-based approach. Briefings in Bioinformatics, 2021, 22, .	6.5	19
6	Setting the basis of best practices and standards for curation and annotation of logical models in biologyâ€"highlights of the [BC]2 2019 CoLoMoTo/SysMod Workshop. Briefings in Bioinformatics, 2021, 22, 1848-1859.	6.5	25
7	SysMod: the ISCB community for data-driven computational modelling and multi-scale analysis of biological systems. Bioinformatics, 2021, 37, 3702-3706.	4.1	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. Journal of Personalized Medicine, 2021, 11, 785.	2.5	11
9	Data integration in logic-based models of biological mechanisms. Current Opinion in Systems Biology, 2021, 28, 100386.	2.6	9
10	The status of causality in biological databases: data resources and data retrieval possibilities to support logical modeling. Briefings in Bioinformatics, 2021, 22, .	6.5	15
11	Metabolic Reprogramming of Fibroblasts as Therapeutic Target in Rheumatoid Arthritis and Cancer: Deciphering Key Mechanisms Using Computational Systems Biology Approaches. Cancers, 2021, 13, 35.	3.7	16
12	COVID19 Disease Map, a computational knowledge repository of virusâ€"host interaction mechanisms. Molecular Systems Biology, 2021, 17, e10387.	7.2	53
13	Identification of putative master regulators in rheumatoid arthritis synovial fibroblasts using gene expression data and network inference. Scientific Reports, 2020, 10, 16236.	3.3	12
14	COVID-19 Disease Map, building a computational repository of SARS-CoV-2 virus-host interaction mechanisms. Scientific Data, 2020, 7, 136.	5.3	99
15	Automated inference of Boolean models from molecular interaction maps using CaSQ. Bioinformatics, 2020, 36, 4473-4482.	4.1	57
16	RA-map: building a state-of-the-art interactive knowledge base for rheumatoid arthritis. Database: the Journal of Biological Databases and Curation, 2020, 2020, .	3.0	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. Connective Tissue Research, 2019, 60, 555-570.	2.3	2
18	Community-driven roadmap for integrated disease maps. Briefings in Bioinformatics, 2019, 20, 659-670.	6.5	48

#	Article	IF	Citations
19	Computational Systems Biology Approach for the Study of Rheumatoid Arthritis: From a Molecular Map to a Dynamical Model. Genomics and Computational Biology, 2017, 4, 100050.	0.7	20
20	Modélisation logique et analyse intégrative des voies moléculaires impliquées dans la polyarthrite rhumatoïde. Revue Du Rhumatisme (Edition Francaise), 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. Current Topics in Microbiology and Immunology, 2014, 382, 69-93.	1.1	22
23	Proteomic Analysis of the SH2Domain-containing Leukocyte Protein of 76 kDa (SLP76) Interactome. Molecular and Cellular Proteomics, 2013, 12, 2874-2889.	3.8	11
24	Detection of a latent soluble form of membrane typeÂ1 matrix metalloprotease bound with tissue inhibitor of matrix metalloproteinases-2 in periprosthetic tissues and fluids from loose arthroplasty endoprostheses. FEBS Journal, 2013, 280, 6541-6555.	4.7	9
25	Uptake and permeability studies of BBB-targeting immunoliposomes using the hCMEC/D3 cell line. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 77, 265-274.	4.3	108
26	Effect of curcumin-associated and lipid ligand-functionalized nanoliposomes on aggregation of the Alzheimer's Aβ peptide. Nanomedicine: Nanotechnology, Biology, and Medicine, 2011, 7, 541-550.	3.3	122
27	Curcumin-decorated nanoliposomes with very high affinity for amyloid-β1-42 peptide. Biomaterials, 2011, 32, 1635-1645.	11.4	198
28	Walker 256 cancer cells secrete tissue inhibitor of metalloproteinase-free metalloproteinase-9. Molecular and Cellular Biochemistry, 2009, 328, 189-199.	3.1	9
29	Antiovarian antibodies in primary Sjogren's syndrome. Rheumatology International, 2007, 27, 1149-1155.	3.0	14
30	Fc epsilon receptor (FCERI) signaling. Reactome - A Curated Knowledgebase of Biological Pathways, 0, 45, .	0.0	0
31	A Mechanistic Cellular Atlas of the Rheumatic Joint. Frontiers in Systems Biology, 0, 2, .	0.7	8