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List of Publications by Year in descending order

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34
papers

1,908
citations

586496

16
h-index

466096

32
g-index

39
all docs

39
docs citations

39
times ranked

3082
citing authors

#	ARTICLE	IF	CITATIONS
1	Representing COVID-19 information in collaborative knowledge graphs: The case of Wikidata. <i>Semantic Web</i> , 2022, 13, 233-264.	1.1	19
2	Standardised data on initiativesâ€™ STARDIT: Beta version. <i>Research Involvement and Engagement</i> , 2022, 8, .	1.1	0
3	Histidine-Rich Defensins from the Solanaceae and Brassicaceae Are Antifungal and Metal Binding Proteins. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 145.	1.5	6
4	Fasciclin-Like Arabinogalactan-Protein 16 (FLA16) Is Required for Stem Development in Arabidopsis. <i>Frontiers in Plant Science</i> , 2020, 11, 615392.	1.7	28
5	Evolution of Sequence-Diverse Disordered Regions in a Protein Family: Order within the Chaos. <i>Molecular Biology and Evolution</i> , 2020, 37, 2155-2172.	3.5	20
6	Arabinogalactan-proteins of <i>Zostera marina</i> L. contain unique glycan structures and provide insight into adaption processes to saline environments. <i>Scientific Reports</i> , 2020, 10, 8232.	1.6	37
7	Wikidata as a knowledge graph for the life sciences. <i>ELife</i> , 2020, 9, .	2.8	76
8	A quantitative map of protein sequence space for the cis-defensin superfamily. <i>Bioinformatics</i> , 2019, 35, 743-752.	1.8	27
9	Differences in protein structural regions that impact functional specificity in GT2 family Î²-glucan synthases. <i>PLoS ONE</i> , 2019, 14, e0224442.	1.1	17
10	Wikidata: A large-scale collaborative ontological medical database. <i>Journal of Biomedical Informatics</i> , 2019, 99, 103292.	2.5	30
11	Mapping the chemical and sequence space of the ShKT superfamily. <i>Toxicon</i> , 2019, 165, 95-102.	0.8	12
12	Salt-Tolerant Antifungal and Antibacterial Activities of the Corn Defensin ZmD32. <i>Frontiers in Microbiology</i> , 2019, 10, 795.	1.5	45
13	Evolution of cnidarian <i>trans</i>-defensins: Sequence, structure and exploration of chemical space. <i>Proteins: Structure, Function and Bioinformatics</i> , 2019, 87, 551-560.	1.5	20
14	A Centipede Toxin Family Defines an Ancient Class of CSÎ±Î² Defensins. <i>Structure</i> , 2019, 27, 315-326.e7.	1.6	17
15	The evolution, function and mechanisms of action for plant defensins. <i>Seminars in Cell and Developmental Biology</i> , 2019, 88, 107-118.	2.3	167
16	The aims and scope of Wikijournal of Science. <i>Wikijournal of Science</i> , 2018, 1, 1.	0.1	3
17	Molecular basis for the production of cyclic peptides by plant asparaginyl endopeptidases. <i>Nature Communications</i> , 2018, 9, 2411.	5.8	99
18	Evolution of Wikipediaâ€™s medical content: past, present and future. <i>Journal of Epidemiology and Community Health</i> , 2017, 71, jech-2016-208601.	2.0	64

#	ARTICLE	IF	CITATIONS
19	Academics can help shape Wikipedia. <i>Science</i> , 2017, 357, 557-558.	6.0	15
20	Eukaryotic and prokaryotic gene structure. <i>Wikijournal of Medicine</i> , 2017, 4, .	1.0	8
21	Wikijournal of Medicine, the first Wikipedia-integrated academic journal. <i>Wikijournal of Medicine</i> , 2017, 4, .	1.0	2
22	Convergent evolution of defensin sequence, structure and function. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 663-682.	2.4	152
23	Transcriptomics technologies. <i>PLoS Computational Biology</i> , 2017, 13, e1005457.	1.5	677
24	Kudos for female Antarctic researchers. <i>Nature</i> , 2016, 536, 148-148.	13.7	5
25	Nicotiana alata Defensin Chimeras Reveal Differences in the Mechanism of Fungal and Tumor Cell Killing and an Enhanced Antifungal Variant. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6302-6312.	1.4	51
26	AlignStat: a web-tool and R package for statistical comparison of alternative multiple sequence alignments. <i>BMC Bioinformatics</i> , 2016, 17, 434.	1.2	9
27	Medical journals and Wikipedia: a global health matter. <i>The Lancet Global Health</i> , 2016, 4, e791.	2.9	21
28	Structural homology guided alignment of cysteine rich proteins. <i>SpringerPlus</i> , 2016, 5, 27.	1.2	19
29	The Defensins Consist of Two Independent, Convergent Protein Superfamilies. <i>Molecular Biology and Evolution</i> , 2016, 33, 2345-2356.	3.5	123
30	The plant defensin NaD1 introduces membrane disorder through a specific interaction with the lipid, phosphatidylinositol 4,5 bisphosphate. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 1099-1109.	1.4	52
31	Handicapâ€Recover Evolution Leads to a Chemically Versatile, Nucleophileâ€Permissive Protease. <i>ChemBioChem</i> , 2015, 16, 1866-1869.	1.3	9
32	Biosynthesis of Cyclotides. <i>Advances in Botanical Research</i> , 2015, 76, 227-269.	0.5	10
33	Dynamic interaction of Y RNAs with chromatin and initiation proteins during human DNA replication. <i>Journal of Cell Science</i> , 2011, 124, 2058-2069.	1.2	57
34	A Centipede Toxin Family Defines a New Ancient Class of CSSS Defensins. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0