

# Rodrigo Lopez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7782449/publications.pdf>

Version: 2024-02-01

84  
papers

60,782  
citations

34105

52  
h-index

54911

84  
g-index

88  
all docs

88  
docs citations

88  
times ranked

82324  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast, scalable generation of high-quality protein multiple sequence alignments using Clustal Omega. <i>Molecular Systems Biology</i> , 2011, 7, 539.	7.2	12,778
2	InterProScan 5: genome-scale protein function classification. <i>Bioinformatics</i> , 2014, 30, 1236-1240.	4.1	6,553
3	UniProt: the universal protein knowledgebase in 2021. <i>Nucleic Acids Research</i> , 2021, 49, D480-D489.	14.5	4,709
4	Multiple sequence alignment with the Clustal series of programs. <i>Nucleic Acids Research</i> , 2003, 31, 3497-3500.	14.5	4,221
5	The EMBL-EBI search and sequence analysis tools APIs in 2019. <i>Nucleic Acids Research</i> , 2019, 47, W636-W641.	14.5	3,820
6	UniProt: the Universal Protein knowledgebase. <i>Nucleic Acids Research</i> , 2004, 32, 115D-119.	14.5	2,994
7	InterPro: the integrative protein signature database. <i>Nucleic Acids Research</i> , 2009, 37, D211-D215.	14.5	1,712
8	The Universal Protein Resource (UniProt). <i>Nucleic Acids Research</i> , 2004, 33, D154-D159.	14.5	1,681
9	A new bioinformatics analysis tools framework at EMBL-EBI. <i>Nucleic Acids Research</i> , 2010, 38, W695-W699.	14.5	1,553
10	Analysis Tool Web Services from the EMBL-EBI. <i>Nucleic Acids Research</i> , 2013, 41, W597-W600.	14.5	1,483
11	HMMER web server: 2018 update. <i>Nucleic Acids Research</i> , 2018, 46, W200-W204.	14.5	1,432
12	InterPro in 2017—beyond protein family and domain annotations. <i>Nucleic Acids Research</i> , 2017, 45, D190-D199.	14.5	1,358
13	InterPro in 2019: improving coverage, classification and access to protein sequence annotations. <i>Nucleic Acids Research</i> , 2019, 47, D351-D360.	14.5	1,291
14	The InterPro protein families database: the classification resource after 15 years. <i>Nucleic Acids Research</i> , 2015, 43, D213-D221.	14.5	1,205
15	Activities at the Universal Protein Resource (UniProt). <i>Nucleic Acids Research</i> , 2014, 42, D191-D198.	14.5	1,162
16	Search and sequence analysis tools services from EMBL-EBI in 2022. <i>Nucleic Acids Research</i> , 2022, 50, W276-W279.	14.5	1,050
17	The Universal Protein Resource (UniProt): an expanding universe of protein information. <i>Nucleic Acids Research</i> , 2006, 34, D187-D191.	14.5	961
18	The EMBL-EBI bioinformatics web and programmatic tools framework. <i>Nucleic Acids Research</i> , 2015, 43, W580-W584.	14.5	934

#	ARTICLE	IF	CITATIONS
19	InterPro in 2011: new developments in the family and domain prediction database. Nucleic Acids Research, 2012, 40, D306-D312.	14.5	921
20	CpG islands as gene markers in the human genome. Genomics, 1992, 13, 1095-1107.	2.9	847
21	The Gene Ontology Annotation (GOA) Database: sharing knowledge in Uniprot with Gene Ontology. Nucleic Acids Research, 2004, 32, 262D-266.	14.5	780
22	The InterPro Database, 2003 brings increased coverage and new features. Nucleic Acids Research, 2003, 31, 315-318.	14.5	640
23	The IMGT/HLA database. Nucleic Acids Research, 2012, 41, D1222-D1227.	14.5	552
24	InterPro, progress and status in 2005. Nucleic Acids Research, 2004, 33, D201-D205.	14.5	478
25	New developments in the InterPro database. Nucleic Acids Research, 2007, 35, D224-D228.	14.5	444
26	The IMGT/HLA database. Nucleic Acids Research, 2011, 39, D1171-D1176.	14.5	326
27	The IMGT/HLA database. Nucleic Acids Research, 2009, 37, D1013-D1017.	14.5	315
28	Programmatic access to bioinformatics tools from EMBL-EBI update: 2017. Nucleic Acids Research, 2017, 45, W550-W553.	14.5	285
29	IPDâ€”the Immuno Polymorphism Database. Nucleic Acids Research, 2010, 38, D863-D869.	14.5	272
30	The EMBL Nucleotide Sequence Database. Nucleic Acids Research, 2004, 33, D29-D33.	14.5	269
31	IPDâ€”the Immuno Polymorphism Database. Nucleic Acids Research, 2012, 41, D1234-D1240.	14.5	228
32	EDAM: an ontology of bioinformatics operations, types of data and identifiers, topics and formats. Bioinformatics, 2013, 29, 1325-1332.	4.1	215
33	BioCatalogue: a universal catalogue of web services for the life sciences. Nucleic Acids Research, 2010, 38, W689-W694.	14.5	185
34	UniProt archive. Bioinformatics, 2004, 20, 3236-3237.	4.1	173
35	Web Services at the European Bioinformatics Institute. Nucleic Acids Research, 2007, 35, W6-W11.	14.5	166
36	Discovering and linking public omics data sets using the Omics Discovery Index. Nature Biotechnology, 2017, 35, 406-409.	17.5	159

#	ARTICLE	IF	CITATIONS
37	InterPro: An integrated documentation resource for protein families, domains and functional sites. <i>Briefings in Bioinformatics</i> , 2002, 3, 225-235.	6.5	155
38	The EMBL Nucleotide Sequence Database. <i>Nucleic Acids Research</i> , 2002, 30, 21-26.	14.5	145
39	EMBL Nucleotide Sequence Database in 2006. <i>Nucleic Acids Research</i> , 2007, 35, D16-D20.	14.5	136
40	The EMBL Nucleotide Sequence Database. <i>Nucleic Acids Research</i> , 2004, 32, 27D-30.	14.5	132
41	The EBI SRS server--recent developments. <i>Bioinformatics</i> , 2002, 18, 368-373.	4.1	119
42	WU-Blast2 server at the European Bioinformatics Institute. <i>Nucleic Acids Research</i> , 2003, 31, 3795-3798.	14.5	117
43	The EMBL Nucleotide Sequence Database. <i>Nucleic Acids Research</i> , 1999, 27, 18-24.	14.5	114
44	The European Nucleotide Archive in 2020. <i>Nucleic Acids Research</i> , 2021, 49, D82-D85.	14.5	96
45	The EBI SRS server--new features. <i>Bioinformatics</i> , 2002, 18, 1149-1150.	4.1	94
46	The EMBL Nucleotide Sequence Database: major new developments. <i>Nucleic Acids Research</i> , 2003, 31, 17-22.	14.5	93
47	EMBL Nucleotide Sequence Database: developments in 2005. <i>Nucleic Acids Research</i> , 2006, 34, D10-D15.	14.5	83
48	Petabyte-scale innovations at the European Nucleotide Archive. <i>Nucleic Acids Research</i> , 2009, 37, D19-D25.	14.5	82
49	Facing growth in the European Nucleotide Archive. <i>Nucleic Acids Research</i> , 2012, 41, D30-D35.	14.5	68
50	Improvements to services at the European Nucleotide Archive. <i>Nucleic Acids Research</i> , 2010, 38, D39-D45.	14.5	67
51	Web services at the European Bioinformatics Institute-2009. <i>Nucleic Acids Research</i> , 2009, 37, W6-W10.	14.5	65
52	The European Nucleotide Archive in 2021. <i>Nucleic Acids Research</i> , 2022, 50, D106-D110.	14.5	62
53	Identifying ELIXIR Core Data Resources. <i>F1000Research</i> , 2016, 5, 2422.	1.6	57
54	The European Bioinformatics Institute's data resources. <i>Nucleic Acids Research</i> , 2003, 31, 43-50.	14.5	56

#	ARTICLE	IF	CITATIONS
55	Data curation + process curation=data integration + science. Briefings in Bioinformatics, 2008, 9, 506-517.	6.5	53
56	The COVID-19 Data Portal: accelerating SARS-CoV-2 and COVID-19 research through rapid open access data sharing. Nucleic Acids Research, 2021, 49, W619-W623.	14.5	53
57	Identifying ELIXIR Core Data Resources. F1000Research, 2016, 5, 2422.	1.6	52
58	The ELIXIR Core Data Resources: fundamental infrastructure for the life sciences. Bioinformatics, 2020, 36, 2636-2642.	4.1	47
59	Evaluation of the Exon Predictions of the GTRAIL Software. Genomics, 1994, 24, 133-136.	2.9	46
60	Priorities for nucleotide trace, sequence and annotation data capture at the Ensembl Trace Archive and the EMBL Nucleotide Sequence Database. Nucleic Acids Research, 2007, 36, D5-D12.	14.5	46
61	A tree-based conservation scoring method for short linear motifs in multiple alignments of protein sequences. BMC Bioinformatics, 2008, 9, 229.	2.6	45
62	The bio.tools registry of software tools and data resources for the life sciences. Genome Biology, 2019, 20, 164.	8.8	39
63	Using EMBL's EBI Services via Web Interface and Programmatically via Web Services. Current Protocols in Bioinformatics, 2019, 66, e74.	25.8	38
64	The EBI Search engine: providing search and retrieval functionality for biological data from EMBL-EBI. Nucleic Acids Research, 2015, 43, W585-W588.	14.5	37
65	Content discovery and retrieval services at the European Nucleotide Archive. Nucleic Acids Research, 2015, 43, D23-D29.	14.5	36
66	Fast and efficient searching of biological data resources--using EB-eye. Briefings in Bioinformatics, 2010, 11, 375-384.	6.5	35
67	Public web-based services from the European Bioinformatics Institute. Nucleic Acids Research, 2004, 32, W3-W9.	14.5	34
68	PSI-Search: iterative HOE-reduced profile SSEARCH searching. Bioinformatics, 2012, 28, 1650-1651.	4.1	34
69	Assembly information services in the European Nucleotide Archive. Nucleic Acids Research, 2014, 42, D38-D43.	14.5	33
70	The European Bioinformatics Institute in 2018: tools, infrastructure and training. Nucleic Acids Research, 2019, 47, D15-D22.	14.5	33
71	Gene-Ontology analysis reveals association of tissue-specific 5' CpG-island genes with development and embryogenesis. Human Molecular Genetics, 2004, 13, 1969-1978.	2.9	31
72	The EBI search engine: EBI search as a service"making biological data accessible for all. Nucleic Acids Research, 2017, 45, W545-W549.	14.5	30

#	ARTICLE	IF	CITATIONS
73	Bioinformatics Training Network (BTN): a community resource for bioinformatics trainers. Briefings in Bioinformatics, 2012, 13, 383-389.	6.5	23
74	The EBI enzyme portal. Nucleic Acids Research, 2013, 41, D773-D780.	14.5	19
75	Query-seeded iterative sequence similarity searching improves selectivity 5â€“20-fold. Nucleic Acids Research, 2017, 45, e46-e46.	14.5	19
76	Using EMBLâ€™EBI Services via Web Interface and Programmatically via Web Services. Current Protocols in Bioinformatics, 2014, 48, 3.12.1-50.	25.8	17
77	The Enzyme Portal: a case study in applying user-centred design methods in bioinformatics. BMC Bioinformatics, 2013, 14, 103.	2.6	16
78	Cloning of a gene from Bacillus cereus with homology to the mreB gene from Escherichia coli. Gene, 1992, 122, 181-185.	2.2	15
79	The Annotation-enriched non-redundant patent sequence databases. Database: the Journal of Biological Databases and Curation, 2013, 2013, bat005.	3.0	15
80	Non-redundant patent sequence databases with value-added annotations at two levels. Nucleic Acids Research, 2010, 38, D52-D56.	14.5	11
81	Public services from the European Bioinformatics Institute. Briefings in Bioinformatics, 2003, 4, 332-340.	6.5	10
82	A type-III DNA restriction and modification system in Bacillus cereus?. Gene, 1992, 114, 149-150.	2.2	9
83	Bioinformatics training: selecting an appropriate learning content management systemâ€“an example from the European Bioinformatics Institute. Briefings in Bioinformatics, 2010, 11, 552-562.	6.5	6
84	The European Bioinformatics Institute web site: a new view. Bioinformatics, 2003, 19, 546-547.	4.1	0