# OPEN ACCESS ONLINE JOURNALS ON GENETICS: A STUDY

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#### Introduction

The proliferation of free ac accessible online journal, the development of subject specific pre- and E-print archives and collections of learning objects provides a very valuable supplement of scientific knowledge of the exiting types of published scientific information (book, Journals, databases etc.). however these valuable collection are difficult to overview and integrate in the library and information services provided by libraries for their user constituency. Open access journals as journal that use a funding model that dose not charge readers or their institutions for access.

### **Open Access Journals:**

Open access means users can read, download copy, distribute, print, search, or link to the full texts of these articles. Open access journals are scholarly journals that are available online to the readers "without financial, legal or technical barriers other than those inseparable from gaining access to the internet itself". Open access journals (sometimes called the "gold road to open access") are one of the two general methods for providing open access. The other one (sometimes called the "green road") is self archiving in a repository. The publisher of an open access journal is known as an "Open access publisher and the process, "open access publishing"

# **DOAJ** (Directory of Open Access Journal):

At the first Nordic Conference on scholarly communication in Lund/Copenhagen the idea of creating a comprehensive directory of Open access Journals was discussed. The conclusion was that it would be a valuable service for the global research and education community. Available technologies make it possible to collect and organize these resources in a way that allow libraries worldwide to integrate these resources in existing services thus offering added value no the for the service providers of these resources and for the global research and education community. Directory of Open Access Journal is a service access to quality controlled Open Access Journals. The Directory aims to be comprehensive and cover all open access scientific and scholarly journals that use an appropriate quality control system and it will not be limited to particular languages or subject areas. Directory of Open Access journals is hosted, maintained and partly funded by Lund University Libraries head office DOAJ is receiving funding form.

#### **Objectives of the paper:**

- > To enumerate the free E-Journals on Genetics on DOAJ
- To know the country wise distribution of E-journals on Genetics on DOAJ

- > To find out the language wise distribution of E-journals on Genetics on DOAJ
- > To know the accessibility of archives of E- journals on Genetics on DOAJ
- To know the usefulness and applicability of Genetics E-journals to other disciplines.

## **Research Methodology:**

DOAJ (Directory of Open Access Journals) website (http://www.doaj.org) is browsed for the present paper Genetics E-journals were searched out and 57 journals were found on DOAJ Total 57 Genetics E-journals were analyzed based on countrywide, Languages, subject Headings and accessibility of Archives of E-journal.

# **Limitation of the study:**

The study is limited to Genetics E-journals which is listed on Directory of Open Access Journals for the present paper DOAJ data is accessible till 25/06/2014. It is not possible to show all the online journals access so access of only one e-journal's full text article is shown at last as a screen snapshot.

### **Analysis and Interpretations:**

Total 57 Genetics E-journals were analyzed based on Countrywide, Languages, Subject Heading and accessibility of Archives of E-journals and presented in the form of Tables.

Table: 1 List of Free E-Journals on Genetics on DOAJ

	Table . 1 Elst of Free E-Journals on Genetics on Dorty						
Sr N o	Title of E-Journal	URL	ISSN No.	Publisher			
1	Advances in Genomics and Genetics	http://www.dovepress.c	1179-9870	Dove Medical Press			
2	Algorithms for Molecular Biology	http://www.almob.org	1748-7188	BioMed Central			
3	American Journal of Stem Cells	http://www.ajsc.us	2160-4150	e-Century Publishing Corporation			
4	Analele Scientific Ale University Sectioned Ii A. Genetic is Biology Molecular	http://www.gbm.bio.uai c.ro	1582-3571	Alexandru Ioan Cuza University of Iasi			
5	Balkan Journal of Medical Genetics	http://www.degruyter.c om/	2038-9558, 2038-9566	Versita			
6	BMC Genetics	http://www.biomedcent ral.com	1471-2156	BioMed Central			
7	BMC Genomics	http://www.biomedcent ral.com	1471-2164	BioMed Central			
8	BMC Medical	http://www.biomedcent	1471-2350	BioMed Central			

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	Genetics	ral.com		
9	BMC Medical Genomics	http://www.biomedcent ral.com/bmcmedgenom ics	1755-8794	BioMed Central
10	Case Reports in Genetics	http://www.hindawi.co m	1757-4242	Hindawi Publishing Corporation
11	Clinical Epigenetic	http://www.clinicalepig eneticsjournal.com	2090-8687	BioMed Central
12	Current Research in Bacteriology	http://www.scialert.net	1994-5426, 2077-2122	Asian Network for Scientific Information
13	Comparative Cytogenetic	http://www.pensoft.net/ journals/compcytogen	1993-0771, 1993-078X	Pensoft Publishers
14	DNA Research	http://dnaresearch.oxfor djournals.org/	1340-2838, 1756-1663	Oxford University Press
15	Endocytobiosis and Cell Research	http://ecb.thulb.uni- jena.de/	0256-1514, 1613-8872	Thuringian State and University Library
16	Epigenetic & Chromatin	http://www.epigenetics andchromatin.com/hom e	1756-8935	BioMed Central
17	Evolutionary Applications	http://onlinelibrary.wile y.com/journal	1752-4571	Wiley
18	Frontiers in Genetics	http://www.frontiersin.	1664-8021	Frontiers Media
19	G3: Genes, Genetics	http://www.g3journal.org	2160-1836	Genetics Society of America
20	Genes	http://www.mdpi.com/j ournal/genes	2073-4425	MDPI AG
21	Genes & Genetic Systems	http://www.jstage.jst.go .jp	1341-7568	Genetics Society of Japan
22	Genetics and Epigenetic	http://www.la- press.com	1179-237X	Libertas Academica
23	Genetics and Molecular Biology	http://www.scielo.br/scielo.php	1415-4757, 1678-4685	Sociedade Brasileira de Genética
24	Genetics Research International	http://www.hindawi.co m	2090-3154, 2090-3162	Hindawi Publishing Corporation
25	Genetics Selection Evolution	http://www.gsejournal. org	0999-193X, 1297-9686	BioMed Central
26	Genetic	http://www.doiserbia.n b.rs/journa	0534-0012, 1820-6069	Serbian Genetics Society
27	Genome Biology and Evolution	http://gbe.oxfordjournal s.org	1759-6653	Oxford University Press
28	Genomics and Quantitative Genetics	http://www.knoblauchp ublishing.com	2157-9903	Knoblauch Publishing
29	Hereditas	http://www.blackwellp ublishing.com	0018-0661, 1601-5223	Blackwell
30	Human Genomics	http://www.humgenomi	0022-1333	BioMed Central

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		cs.com		
31	Human Genomics and Proteomics	http://hgp.sagepub.com	2090-6544, 2090-6552	SAGE Publications
32	Indian Journal of Human Genetics	http://www.ijhg.com	0971-6866, 1998-362X	Medknow Publications
33	International Journal of Evolutionary Biology	http://www.sage- hindawi.com/journals/ij eb/	2090-052X	Hindawi Publishing Corporation
34	International Journal of Genetics	http://www.bioinfo.in	0975-2862, 0975-9158	Bioinfo Publications
35	International Journal of Genomics	http://www.hindawi.co m/journals	2314-436X, 2314-4378	Hindawi Publishing Corporation
36	International Journal of Human Genetics	http://www.krepublishers.com	0972-3757	Kamla-Raj Enterprises, Delhi
37	International Journal of Plant Genomics	http://www.hindawi.co m/journals	1687-5370, 1687-5389	Hindawi Publishing Corporation
38	Investigative Genetics	http://www.investigativ egenetics.com/content	2041-2223	BioMed Central
39	ISRN Genetics	http://www.hindawi.co m	1868-7083	Hindawi Publishing Corporation
40	ISRN Genomics	http://www.hindawi.co m/	2314-4637	Hindawi Publishing Corporation
41	Journal of Genetic Genealogy	http://www.jogg.info	1557-3796	Journal of Genetic Genealogy
42	Journal of Genetics	http://www.ias.ac.in	1479-7364	Indian Academy of Sciences, Springer
43	Journal of Genomics	http://www.jgenomics.c	1839-9940	Ivyspring International Publisher
44	Journal of Nucleic Acids	http://www.hindawi.co	2090-0201, 2090-021X	Hindawi Publishing Corporation
45	Journal of RNAi and Gene Silencing	http://www.libpubmedi a.co.uk	1747-0854	Library Publishing Media, Oxford
46	Mobile DNA	http://www.mobilednaj ournal.com	1759-8753	BioMed Central
47	Molecular Cytogenetic	http://www.molecularc ytogenetics.org	1755-8166	BioMed Central
48	Molecular Therapy: Nucleic Acids	http://www.nature.com	2162-2531	Nature Publishing Group
49	Open Journal of Genetics	http://www.scirp.org/jo urnal/ojgen	2162-4453, 2162-4461	Scientific Research Publishing
50	PLoS Genetics	http://www.plosgenetics.org	1553-7390, 1553-7404	Public Library of Science (PLoS
51	Silence	http://www.silencejour nal.com	1758-907X	BioMed Central
52	Standards in Genomic Sciences	http://www.standardsin genomics.org	1944-3277, 1944-3277	Genomic Standards Consortium

53	Stem Cell Discovery	http://www.scirp.org/journal	2161-6760, 2161-6787	Scientific Research Publishing	
54	Stem Cell Studies	http://www.pagepress.o	1311-0160	PAGEPress Publications	
55	The Application of Clinical Genetics	http://www.dovepress.c om	1178-704X	Dove Medical Press	
56	The Internet Journal of Genomics and Proteomics	http://ispub.com	1540-2630	Internet Scientific Publications, LLC	
57	Turkish Journal of Biochemistry	http://www.turkjbioche m.com	0250-4685, 1303-829X	Turkish Biochemical Society	

Table No. 1 enumerate the free online journals on Genetics along with their URL so that any user can browse the e-journals directly by entering the URL in its address bar.

Table: 2 Country wise Distribution of E-Journals on Genetics

Sr.No.	Name of the E- Journals	Place of Publication
1	Advances in Genomics and Genetics	New Zealand
2	Algorithms for Molecular Biology	United Kingdom
3	American Journal of Stem Cells	United States
4	Analele Scientific Ale University Sectioned Ii A.	
4	Genetic is Biology Molecular	Romania
5	Balkan Journal of Medical Genetics	Macedonia
6	BMC Genetics	United Kingdom
7	BMC Genomics	United Kingdom
8	BMC Medical Genetics	United Kingdom
9	BMC Medical Genomics	Egypt
10	Case Reports in Genetics	United Kingdom
11	Clinical Epigenetic	Pakistan
12	Comparative Cytogenetic	Bulgaria
13	Current Research in Bacteriology	United Kingdom
14	DNA Research	United Kingdom
15	Epigenetic & Chromatin	Switzerland
16	Endocytobiosis and Cell Research	Germany
17	Evolutionary Applications	Switzerland
18	Frontiers in Genetics	Japan
19	G3: Genes, Genomes, Genetics	New Zealand
20	Genes	Brazil
21	Genes & Genetic Systems	Egypt
22	Genetics and Epigenetic	United Kingdom
23	Genetics and Molecular Biology	Serbia
24	Genetics Research International	United Kingdom

25	Genetics Selection Evolution	United States
26	Genetic	United States
27	Genome Biology and Evolution	United Kingdom
28	Genomics and Quantitative Genetics	United Kingdom
29	Hereditas	India
30	Human Genomics	United States
31	Human Genomics and Proteomics	India
32	Indian Journal of Human Genetics	United States
33	International Journal of Evolutionary Biology	India
34	International Journal of Genetics	Egypt
35	International Journal of Genomics	United Kingdom
36	International Journal of Human Genetics	Egypt
37	International Journal of Plant Genomics	Egypt
38	Investigative Genetics	United States
39	ISRN Genetics	India
40	ISRN Genomics	Australia
41	Journal of Genetic Genealogy	United States
42	Journal of Genetics	United States
43	Journal of Genomics	United Kingdom
44	Journal of Nucleic Acids	United States
45	Journal of RNAi and Gene Silencing	United States
46	Mobile DNA	United Kingdom
47	Molecular Cytogenetic	United Kingdom
48	Molecular Therapy : Nucleic Acids	United States
49	Open Journal of Genetics	United States
50	PLoS Genetics	New Zealand
51	Silence	United States
52	Standards in Genomic Sciences	United States
53	Stem Cell Discovery	United Kingdom
54	Stem Cell Studies	Italy
55	The Application of Clinical Genetics	United States
56	The Internet Journal of Genomics and Proteomics	United Kingdom
57	Turkish Journal of Biochemistry	Turkey

Table: 2.a. Analysis of Country wise Distribution of E-Journals on Genetics.

Sr. No.	Name	of	the	No.		Е-	Rank
	Country			Journ	als		Kalik
1	Australia			1			7
2	Brazil			1			7
3	Bulgaria			1			7
4	Egypt			5			3

	Germany	1	7
6	India	4	4
7	Italy	1	7
8	Japan	1	7
9	Macedonia	1	7
10	New Zealand	3	5
11	Pakistan	1	7
12	Romania	1	7
13	Serbia	1	7
14	Switzerland	2	6
15	Turkey	1	7
16	United Kingdom	17	2
17	United States	15	1

Table No. 2.a depicts the country wise distribution of E-journals on Genetics on DOAJ. United States was in 1<sup>st</sup> rank due to publication of 15 e-journals followed by UK from Germany followed by U.S. and Egypt i.e. 05 E-journals.

Table: 3 Language wise Distribution of E-Journals on Genetics.

Sr. No.	Name of the E- Journals	Language
1	Advances in Genomics and Genetics	English
2	Algorithms for Molecular Biology	English
3	American Journal of Stem Cells	English
	Analele Scientific Ale University	
4	Sectioned Ii A. Genetic a is Biology	English/French
	Molecular	
5	Balkan Journal of Medical Genetics	English
6	BMC Genetics	English
7	BMC Genetics	English
8	BMC Medical Genetics	English
9	BMC Medical Genomics	English
10	Case Reports in Genetics	English
11	Clinical Epigenetic	English
12	Comparative Cytogenetic	English
13	Current Research in Bacteriology	English
14	DNA Research	English
15	Epigenetic & Chromatin	English
16	Endocytobiosis and Cell Research	English
17	Evolutionary Applications	English
18	Frontiers in Genetics	English
19	G3 : Genes, Genomes, Genetics	English

20	Genes	English
21	Genes & Genetic Systems	English
22	Constinue and Enigonatio	English/,French,
22	Genetics and Epigenetic	German
23	Genetics and Molecular Biology	English
24	Genetics Research International	English
25	Genetics Selection Evolution	English
26	Genetic	English
27	Genome Biology and Evolution	English
28	Genomics and Quantitative Genetics	English
29	Hereditas	English
30	Human Genomics	English
31	Human Genomics and Proteomics	English
32	Indian Journal of Human Genetics	English
33	International Journal of Evolutionary	
33	Biology	English
34	International Journal of Genetics	English
35	International Journal of Genomics	English
26	International Journal of Human	
36	Genetics	English
37	International Journal of Plant	
37	Genomics	English
38	Investigative Genetics	English
39	ISRN Genetics	English
40	ISRN Genomics	English
41	Journal of Genetic Genealogy	English
42	Journal of Genetics	English
43	Journal of Genomics	English
44	Journal of Nucleic Acids	English
45	Journal of RNAi and Gene Silencing	English
46	Mobile DNA	English
47	Molecular Cytogenetic	English
48	Molecular Therapy : Nucleic Acids	English
49	Open Journal of Genetics	English
50	PLoS Genetics	English
51	Silence	English
52	Standards in Genomic Sciences	English/Turkish
53	Stem Cell Discovery	English
54	Stem Cell Studies	English
55	The Application of Clinical Genetics	English

56	The Internet Journal of Genomics and	
30	Proteomics	English
57	Turkish Journal of Biochemistry	English

Table: 3.a. Analysis of Language wise Distribution of E-Journals on Genetics.

Sr. No.	Languages	No. of E journals	Rank
1	English	57	1
2	French	2	2
3	Germany	1	3
4	Turkish	1	3

Table No. 3 and 3.a gives the information about the publication language of the E-journals on Genetics. English is the most common Communication language to spread the knowledge in all over the world which is used by all 57 E-journals. Out of 57 e-journals Genetics & Epigenetic E-journals is published in 03 Languages namely French language. Germany and English which rank ed 3<sup>rd</sup>.

Table No: 4 Distributions of Subject Headings of E-journals on Genetics.

Sr. No.	Name of the E- Journals	Subject Headings
1	Advances in Genomics and Genetics	Genetics, Biology (General), Science
2	Algorithms for Molecular Biology	Genetics, Biology (General), Science.
3	American Journal of Stem Cells	Genetics, Biology (General), Science
4	Analele Scientific Ale University Sectioned Ii A. Genetic a is Biology Molecular	Genetics, Biology (General), Science
5	Balkan Journal of Medical Genetics	Genetics, Biology (General), Science
6	BMC Genetics	Genetics, Biology (General), Science
7	BMC Genetics	Genetics, Biology (General), Science
8	BMC Medical Genetics	Medicine (General)
9	BMC Medical Genomics	Genetics, Biology (General), Science
10	Case Reports in Genetics	Genetics, Biology (General), Science
11	Clinical Epigenetic	Genetics, Biology (General), Science
12	Comparative Cytogenetic	Genetics, Biology (General), Science
13	Current Research in Bacteriology	Genetics, Biology (General), Science
14	DNA Research	Biochemistry
15	Epigenetic & Chromatin	Genetics, Biology (General), Science
16	Endocytobiosis and Cell Research	Cytology, Biology
17	Evolutionary Applications	Biology (General) science
18	Frontiers in Genetics	Genetics, Biology (General), Science

19	G3: Genes, Genomes, Genetics	Genetics, Biology (General), Science
20	Genes	Genetics, Biology (General), Science
21	Genes & Genetic Systems	Genetics, Biology (General), Science
22	Genetics and Epigenetic	Genetics, Biology (General), Science
23	Genetics and Molecular Biology	Genetics, Biology (General), Science
24	Genetics Research International	Genetics, Biology (General), Science
25	Genetics Selection Evolution	Genetics, Biology (General), Science
26	Genetic	Genetics, Biology (General), Science
27	Genome Biology and Evolution	Genetics, Biology (General), Science
28	Genomics and Quantitative Genetics	Genetics, Biology (General), Science
29	Hereditas	Genetics, Biology (General), Science
30	Human Genomics	Genetics, Biology (General), Science
31	Human Genomics and Proteomics	Science, Biology (General), Genetics
32	Indian Journal of Human Genetics	Genetics, Biology (General), Science
33	International Journal of Evolutionary Biology	Genetics, Biology (General), Science
34	International Journal of Genetics	Genetics, Biology (General), Science
35	International Journal of Genomics	Biology (General), Science
33	International Journal of Human	Blology (General), Science
26		Genetics, Biology (General), Science
36	Genetics	, 83 ( ),
30	International Journal of Plant	Botany, Science, Genetics, Biology
36		
	International Journal of Plant	Botany, Science, Genetics, Biology
37	International Journal of Plant Genomics	Botany, Science, Genetics, Biology (General), Science
37 38	International Journal of Plant Genomics Investigative Genetics	Botany, Science, Genetics, Biology (General), Science Genetics, Biology
37 38 39	International Journal of Plant Genomics Investigative Genetics ISRN Genetics	Botany, Science, Genetics, Biology (General), Science Genetics, Biology Genetics, Biology (General), Science
37 38 39 40	International Journal of Plant Genomics Investigative Genetics ISRN Genetics ISRN Genomics	Botany, Science, Genetics, Biology (General), Science Genetics, Biology Genetics, Biology (General), Science Genetics, Biology (General), Science
37 38 39 40 41	International Journal of Plant Genomics Investigative Genetics ISRN Genetics ISRN Genomics Journal of Genetic Genealogy	Botany, Science, Genetics, Biology (General), Science Genetics, Biology Genetics, Biology (General), Science Genetics, Biology (General), Science Genetics, Biology (General), Science
37 38 39 40 41 42	International Journal of Plant Genomics Investigative Genetics ISRN Genetics ISRN Genomics Journal of Genetic Genealogy Journal of Genetics	Botany, Science, Genetics, Biology (General), Science Genetics, Biology Genetics, Biology (General), Science Genetics, Biology (General), Science Genetics, Biology (General), Science Genetics, Biology (General), Science
37 38 39 40 41 42 43	International Journal of Plant Genomics Investigative Genetics ISRN Genetics ISRN Genomics Journal of Genetic Genealogy Journal of Genetics Journal of Genomics	Botany, Science, Genetics, Biology (General), Science Genetics, Biology Genetics, Biology (General), Science
37 38 39 40 41 42 43 44	International Journal of Plant Genomics Investigative Genetics ISRN Genetics ISRN Genomics Journal of Genetic Genealogy Journal of Genetics Journal of Genomics Journal of Nucleic Acids	Botany, Science, Genetics, Biology (General), Science
37 38 39 40 41 42 43 44 45	International Journal of Plant Genomics Investigative Genetics ISRN Genetics ISRN Genomics Journal of Genetic Genealogy Journal of Genetics Journal of Mucleic Acids Journal of RNAi and Gene Silencing	Botany, Science, Genetics, Biology (General), Science Genetics, Biology Genetics, Biology (General), Science
37 38 39 40 41 42 43 44 45 46	International Journal of Plant Genomics Investigative Genetics ISRN Genetics ISRN Genomics Journal of Genetic Genealogy Journal of Genetics Journal of Genomics Journal of Nucleic Acids Journal of RNAi and Gene Silencing Mobile DNA	Botany, Science, Genetics, Biology (General), Science
37 38 39 40 41 42 43 44 45 46 47	International Journal of Plant Genomics Investigative Genetics ISRN Genetics ISRN Genomics Journal of Genetic Genealogy Journal of Genetics Journal of Mucleic Acids Journal of RNAi and Gene Silencing Mobile DNA Molecular Cytogenetic	Botany, Science, Genetics, Biology (General), Science Genetics, Biology Genetics, Biology (General), Science
37 38 39 40 41 42 43 44 45 46 47 48	International Journal of Plant Genomics Investigative Genetics ISRN Genetics ISRN Genomics Journal of Genetic Genealogy Journal of Genetics Journal of Genomics Journal of Nucleic Acids Journal of RNAi and Gene Silencing Mobile DNA Molecular Cytogenetic Molecular Therapy: Nucleic Acids	Botany, Science, Genetics, Biology (General), Science
37 38 39 40 41 42 43 44 45 46 47 48 49	International Journal of Plant Genomics Investigative Genetics ISRN Genetics ISRN Genomics Journal of Genetic Genealogy Journal of Genetics Journal of Genomics Journal of Nucleic Acids Journal of RNAi and Gene Silencing Mobile DNA Molecular Cytogenetic Molecular Therapy: Nucleic Acids Open Journal of Genetics	Botany, Science, Genetics, Biology (General), Science Genetics, Biology Genetics, Biology (General), Science
37 38 39 40 41 42 43 44 45 46 47 48 49 50	International Journal of Plant Genomics Investigative Genetics ISRN Genetics ISRN Genomics Journal of Genetic Genealogy Journal of Genetics Journal of Genomics Journal of Nucleic Acids Journal of RNAi and Gene Silencing Mobile DNA Molecular Cytogenetic Molecular Therapy: Nucleic Acids Open Journal of Genetics PLoS Genetics	Botany, Science, Genetics, Biology (General), Science
37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	International Journal of Plant Genomics Investigative Genetics ISRN Genetics ISRN Genomics Journal of Genetic Genealogy Journal of Genetics Journal of Mucleic Acids Journal of RNAi and Gene Silencing Mobile DNA Molecular Cytogenetic Molecular Therapy: Nucleic Acids Open Journal of Genetics PLoS Genetics Silence	Botany, Science, Genetics, Biology (General), Science
37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52	International Journal of Plant Genomics Investigative Genetics ISRN Genetics ISRN Genomics Journal of Genetic Genealogy Journal of Genetics Journal of Mucleic Acids Journal of RNAi and Gene Silencing Mobile DNA Molecular Cytogenetic Molecular Therapy: Nucleic Acids Open Journal of Genetics PLoS Genetics Silence Standards in Genomic Sciences	Botany, Science, Genetics, Biology (General), Science

56	The Internet Journal of Genomics and Proteomics	Biology (General), Science
57	Turkish Journal of Biochemistry	Biochemistry

Table No: 4.a. Analysis of Subject Headings of E-journals on Genetics.

Sr. no.	Subject Headings	No. of E- journal
1	Genetics, Biology (General), Science	47
2	Biology (General) Science 3	
3	Biochemistry	2
4	Botany, Science, Genetics, Biology (General), Science	1
5	Cytology, Biology 1	
6	Genetics, Biology	1
7	Medicine (General)	1
8	Science, Biology (General), Genetics	1

Table No .4.a Shows the interdisciplinary scope of the online-journals of Genetics. Genetics, Biology (General), Science E-journals can also be used in Biology (General) Science, Botany, Science, Genetics, Biology (General), Science, Science, Biology (General), Genetics, out of 52 E-Journals 4 e-journals are useful for Biochemistry, Cytology, Biology, Genetics, Biology and Medicine (General).

Table: 5 Subject Keywords of Online Journals on Genetics.

Sr. No.	Name of the E-journals	Subject Keywords
1	Advances in Genomics and	
1	Genetics	genetics, animal genome, human genome
2	Algorithms for Molecular Biology	molecular biology, genomics
3	American Journal of Stem Cells	stem cells, stem cell therapy, regenerative medicine
	Analele Scientific Ale University	
4	Sectioned Ii A. Genetic a is	molecular genetics, molecular biology,
	Biology Molecular	microbiology, animal physiology
5	Balkan Journal of Medical	
3	Genetics	genetics, genetic engineering
6	BMC Genetics	genetics
7	BMC Genomics	genomics, genetics
8	BMC Medical Genetics	medical genetics, genetics, medicine
9		functional genomics, genome structure, genome-
	BMC Medical Genomics	scale population genetics, epigenomics, proteomics,
		systems analysis, pharmacogenomics

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10	Case Reports in Genetics	genetics
11	Clinical Epigenetic	genetic processes, gene expression regulation,
10		epigenesis
12	Comparative Cytogenetic	genetics, cytogenetics
13	Current Research in Bacteriology	genetics, molecular biology, structure and function, enzymes, proteins, physiology, metabolism, cell surfaces
14	DNA Research	structure, function, genomes, gene analysis, methods, bioinformatic analysis, genomic data
15	Endocytobios is and Cell Research	endocytobiology, symbiosis, cell biology
16	Epigenetic & Chromatin	genetics, gene expression, genetic processes, chromatin, epigenesis
17	Evolutionary Applications	biological evolution, genetic phenomena
18	Frontiers in Genetics	epigenomics, genomic physiology, systems biology
19	G3: Genes, Genomes, Genetics	genetics, genomics
20	Genes	DNA, RNA, genealogy, genomics, genetic diversity, next generation sequencing
21	Genes & Genetic Systems	genetics, medicine
22	Genetics and Epigenetic	DNA methylation, genomic imprinting, paramutation
23	Genetics and Molecular Biology	biological sciences
24	Genetics Research International	genetics
25	Genetics Selection Evolution	genetics, animal genetic variability
26	Genetic	biological sciences
27	Genome Biology and Evolution	evolutionary biology, genomics, molecular biology
28	Genomics and Quantitative Genetics	animal genetics, plant genetics
29	Hereditas	genetics, molecular biology, plant breeding
30	Human Genomics	genetic research, genomics, pharmacogenetics
31	Human Genomics and Proteomics	systems biology, pharmacogenetics, pharmacogenomics, nutrigenomics, metabolomics
32	Indian Journal of Human Genetics	genetics
	International Journal of	
33	Evolutionary Biology	evolutionary biology
34	International Journal of Genetics	cancer genetics, gene therapy, genomics
35	International Journal of Genomics	genome analysis, genomics
36	International Journal of Human Genetics	anthropogenetics, biochemical genetics, biometry, clinical genetics, cytogenetics, genetic epidemiology, genetic testing, population genetics, immunogenetics, molecular genetics

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37	International Journal of Plant Genomics	plant genomics, genome technologies, genomic tools, plant breeding	
38	Investigative Genetics	molecular genetics, legal medicine, biosafety	
39	ISRN Genetics	genomics, genetics	
40	ISRN Genomics	DNA sequencing methods, bioinformatics, genetic mapping	
41	Journal of Genetic Genealogy	genetics, Y-chromosome, mtDNA, genealogy, anthropology	
42	Journal of Genetics	genetics, evolutionary biology	
43	Journal of Genomics	proteomics, gene research	
44	Journal of Nucleic Acids	nucleic acids	
45	Journal of RNAi and Gene Silencing	RNA interference, gene silencing, gene targeting research	
46	Mobile DNA	DNA, evolution	
47	Molecular Cytogenetic	chromosome biology, molecular cytogenetic techniques, biomedicine	
48	Molecular Therapy : Nucleic Acids	development of therapeutics, vector development, RNA based therapeutics, gene modifying agents, safety studies	
49	Open Journal of Genetics	ecological genetics, epigenetics, genetic engineering, psychiatric genetics	
50	PLoS Genetics	biological sciences, gene discovery, population genetics, genome projects, comparative genomics, functional genomics, medical genetics, cancer biology, evolution, gene expression, chromosome biology, epigenetics	
51	Silence	Ribonucleic acid, RNA, macromolecules	
52	Standards in Genomic Sciences	genomics, metagenomics, data standards, metadata	
53	Stem Cell Discovery	stem cell and diseases, tissue regeneration	
54	Stem Cell Studies	stem cells	
55	The Application of Clinical Genetics	population genetics, natural history, management and mechanism of genetic disease	
56	The Internet Journal of Genomics and Proteomics	genomics, proteomics, biotechnology	
57	Turkish Journal of Biochemistry	biochemistry, molecular biology, molecular genetics, biotechnology, bioinformatics, bioengineering	
<u> </u>	1		

Table: 5 Intended to make for searching accordingly to Subject Keywords in online Journals on Genetics. Table indicates the useful keywords for searching in each online journals on Genetics so that user would not waste their time by browsing broad Keywords.

## **Findings:**

- 1) It is observed that U.S. was in 1<sup>st</sup> rank in publishing 15 e-journals followed by U.K. (From Table.2)
- 2) English is the most common communication language for scientific community which is used by online journals. Four e-journals on Genetics also published simultaneously in English, French, Germany, and Turkish languages. (From Table3)
- 3) It is observed the Genetics, Biology (General), Science e-journals are interdisciplinary in Nature. Out of 57 e-journals, 47 e-journals are useful for Genetics as core subject. But genetics journal can also be useful for Biology, Biochemistry Botany, Science, Genetics, Biology (General), Science Cytology, Biology, Genetics, Biology, Medicine (General), Science, Biology (General), Genetics,

#### **Conclusion:**

DOAJ is comprehensive and covers open access scientific and scholarly journals that use an appropriate quality control system, and it will not be limited to particular languages or subject areas. DOAJ is to increase the visibility and ease of use of open access scientific and scholarly journals there by promoter their increased usage and impact. Research scholars, scientists, Professionals should browse the DOAJ site and access the free online journals on their subject areas It is also suggested that scientists and Research scholars should publish their research work in online open access journals for wider visibility of their research work and for greater impact factor and citation index.

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