Biological Informatics 2022

By

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Biological Informatics 2022 is a comprehensive listing of biological informatics resources currently available on the Internet. The below list of sources is taken from my Subject Tracer™ Information Blog titled Biological Informatics and is constantly updated with Subject Tracer™ bots at the following URL:

http://www.BiologicalInformatics.info/

These resources will help you to discover the many pathways available to you through the Internet to find the latest health informatics, neuroinformatics, biodiversity informatics and biomolecular informatics sources and sites.

Figure 1: Biological Informatics 2022 Subject Tracer™ Information Blog
**Note:** This Biological Informatics Subject Tracer Information Blog is divided into the following categories:

**BIOLOGICAL INFORMATICS**

**HEALTH INFORMATICS (Medical Informatics)**

**NEUROINFORMATICS (NI)**

**BIODIVERSITY INFORMATICS (BDI)**

**BIOMOLECULAR INFORMATICS (BioInformatics)**

**Current Subject Tracer™ Information Blogs**

**Biological Informatics:**

1000 Genomes Project
http://www.1000genomes.org/

About Bioscience
http://www.aboutbioscience.org/

Academic and Scholar Search Engines and Sources 2022
http://www.ScholarSearchEngines.com/

A Genetic Atlas of Human Admixture History
http://admixturemap.paintmychromosomes.com/

Agriculture and Biology Journal of North America (ABJNA)
http://scihub.org/ABJNA/index.html

AlphaFold: A Solution to a 50 Year Old Grand Challenge in Biology

Antibody Registry
http://antibodyregistry.org/
arXiv.org - Open Access e-Prints
https://arxiv.org/

Bento Lab – The Whole DNA Analysis Lab in Your Hands
https://www.bento.bio/

bioCURIOUS – World’s Largest Community Lab Space for Biology
http://biocurious.org/

BioEd Online - Biology Teacher Resources from Baylor College of Medicine
http://www.bioedonline.org/

Biohealthmathics.com - Career Portal for Biotechnology and Healthcare IT
http://www.biohealthmathics.com/

Bioinformatics Journal
http://bioinformatics.oxfordjournals.org/

Bioinformatics Organization
http://bioinformatics.org/

Bioinformation
http://www.bioinformation.net/

BioLINCC
https://biolincc.nhlbi.nih.gov/

Biological and Chemical Terrorism Information for Healthcare Professionals
http://www.istl.org/04-winter/internet.html

Biological and Environmental Research (BER)
https://science.osti.gov/ber/

Biology and Medicine
http://www.biolmedonline.com/

Biology News Net
http://www.biologynews.net/
Biomat.net - The Biomaterials Network
http://www.biomat.net/

Biomechanics and Modeling in Mechanobiology
http://www.springer.com/materials/mechanics/journal/10237

BioMedCentral (BMC) Research in Progress
https://www.biomedcentral.com/

Biomedical Informatics
http://www.biomedical-informatics.net/

BioNews
http://www.bionews.org.uk

Biopharmaceutical Glossaries & Taxonomies
http://www.genomicglossaries.com/

bioRxiv - The Preprint Server for Biology
http://biorxiv.org/

BioText Search Engine
http://biosearch.berkeley.edu/

Biowebspin - Academia-Industry Partnering Network in Life Sciences – Part of Inospin
https://www.inospin.com/

BIOZ - Best Way To Find Scientific Data – AI Search Engine for Scientific Experimentation
https://www.bioz.com/

Briefings in Bioinformatics
http://bib.oxfordjournals.org/

Centre for Agricultural Bioscience International (CABI)
http://www.cabi.org/
ChemSpider  
http://www.chemspider.com/

Cytoscape - Open Source Bioinformatics Platform for Network Analysis and Visualization 
http://cytoscape.org/

DIRECT2Experts – Distributed Interoperable Biomedical Research Experts Collaboration Tool 
http://direct2experts.org/

DNA Barcoding 101  
http://www.dnabarcoding101.org/

DNA From the Beginning  
http://dnaftb.org/

eBiostatistics.com - Comprehensive, Open Access, Web Based Biostatistical Package  
http://www.draptis.com/ebiostat/

EdX: The Extremes of Life: Microbes and their Diversity  
https://www.edx.org/course/extremes-life-microbes-diversity-kyotoux-003x-0

eHealthcareBot 2022 Search Engine  
http://www.eHealthcareBot.com/

Electronioc Laboratory Notebook (ELN) and Laboratory Information Management System (LIMS)  
http://www.labii.com/

eLabFTW – Free and Open Source Electronic Lab Notebook  
https://www.elabftw.net/

eLIFE - Open-access Journal That Publishes Promising Research in the Life and Biomedical Sciences  
https://elifesciences.org/
ePosters.net: The Online Journal of Scientific Posters
http://www.eposters.net/

European Bioinformatics Institute (EBI)
http://www.ebi.ac.uk/about

FAIRsharing – Curated, Informative and Educational Resource On Data and Metadata Standards, Interrelated To Databases and Data Policies
https://fairsharing.org/

Forward Thinking on the Bio Revolution with Jason Kelly and Dr. Michelle McMurry-Heath

Frontiers in BioScience- Discover A World of Collaboration
http://www.bioscience.org/

GigaScience Journal
https://academic.oup.com/gigascience

GenBank ®

Gene Ontology™ (GO) Consortium
http://www.geneontology.org/

Genes – Open Access Journal
http://www.mdpi.com/journal/genes

Genetics and Genomics From the U.S. Library of Medicine

Genomics Glossaries & Taxonomies
http://www.genomicglossaries.com/

Grant Forward - Start Moving Your Research Forward
https://www.grantforward.com/
International Cancer Genome Consortium (ICGC)
http://www.icgc.org/

International Journal of Agricultural and Biological Engineering (IJABE)
http://www.ijabe.org/index.php/ijabe

International Journal of Bioinformatics Research and Applications (IJBRA)

International Journal of Biological Sciences and Technology (IJBLST)
http://www.ijblst.org/

International Journal of Biomedical Science (IJBS)

International Journal of Healthcare Information Systems and Informatics (IJHISI)
http://www.igi-global.com/journal/international-journal-healthcare-information-systems/1094

isainfrastructure - Investigation/Study/Assay – Open Source ISA Framework
http://isa-tools.org/

Journal of Biomedical Sciences and Research (JBSR) [Archives available till 2011 issue]
http://www.jbsr.pharmainfo.in/

Journal of Biomedical Semantics
http://www.jbiomedsem.com/

Journal of Biomedicine and Biotechnology [now called BioMed Research International]
http://www.hindawi.com/journals/bmri/

Journal of Visualized Experiments (JoVE) - Biological Research in a Video Format
http://www.jove.com/

LabGuru - Research Management Resource – Your All-In-One Electronic Lab Notebook (ELN)
http://www.labguru.com/
Labroots - Scientific Social Networking Website
https://www.labroots.com/

LabWorm - Aggregator of Scientific Online Tools
https://labworm.com/

LeadDiscovery - Dedicated to Drug Discovery
http://www.leaddiscovery.co.uk/

LIMSwiki - Laboratory, Health, and Science Informatics Encyclopedia
https://www.limswiki.org/index.php/Main_Page

mBio – Open Access Journal
http://mbio.asm.org/

nanoHUB - Simulation, Education and Community for Nanotechnology
https://www.nanohub.org/

NLM Medical Text Indexer (MTI)

NuGO Bioethics Guidelines Tool
http://nugo.dife.de/bot/index.php

Open Biological and Biomedical Ontologies (OBO)
http://www.obofoundry.org/

Open-i Project - An Open Access Biomedical Image Search Engine
http://openi.nlm.nih.gov/

OReFiL: Online Resource Finder for Lifesciences
http://orefil.dbcls.jp/en/search/top

PeerJ - Award Winning Biological, Medical, and Environmental Sciences Journal
https://peerj.com/

Peptides Guide
http://www.peptidesguide.com/
Personal Genome Project (PGP)
http://www.personalgenomes.org/

PhysioNet - Research Resource for Complex Physiologic Signals
http://www.physionet.org/

Plant Products Research Journal
http://www.ajol.info/index.php/pprj

Protocol Exchange
https://protocolexchange.researchsquare.com/

Protocol Online - Your Lab's Reference Book
http://www.protocol-online.org/

Public Data Sets on AWS
http://aws.amazon.com/publicdatasets/

PubMed - 30 million citations for biomedical literature from MEDLINE, life science journals, and online books

R&D Chemicals - Chemical Compounds Database
http://www.rdchemicals.com/

Reflect: Automated Annotation of Scientific Terms of Proteins and Small Molecules
http://reflect.ws/

ResearchGATE - Professional Network for Scientists
https://www.researchgate.net/

Resource Identification Initiative

Resource Informagen™ - Biotech Company Directories

Resources for Bioinformatics
http://guides.lib.udel.edu/content.php?pid=163662
RNAMiner - A Bioinformatics Protocol for Mining Large RNA-Seq Transcriptomics Data
http://calla.rnet.missouri.edu/rnaminer/

Scientific Protocols
https://protocols.scienceexchange.com

Scitable - A Collaborative Learning Space for Life Sciences
http://www.nature.com/scitable

SHIRAZ Project – Acquine – Aesthetic Quality Inference Engine
http://shiraz.ist.psu.edu/

South African National Bioinformatics Institute
http://www.sanbi.ac.za/

The Biology Project
http://www.biology.arizona.edu/

The Cell Image Library™
http://www.cellimagelibrary.org/

The International Genome Sample Resource
https://www.internationalgenome.org/

The Kepler Project
https://kepler-project.org/

The National Human Genome Research Institute: Fact Sheets About Genomics
http://www.genome.gov/10000202

The TAMBIS Project
http://www.cs.man.ac.uk/~stevensr/tambis/

The Winnower - Open Access Online Scholarly Publishing Platform
https://thewinnower.com/

Transcriptic – Powering On-DEMAND Discovery Biology - Strateos
https://www.transcriptic.com/
https://strateos.com/
uBio - Indexing and Organizing 11,106,374 Biological Names
http://www.ubio.org/

UK Biobank - Improving the Health of Future Generations
http://www.ukbiobank.ac.uk/

VADLO - BioMedical and Life Sciences Search Engine
http://vadlo.com/

Visual Medical Dictionary

HEALTH INFORMATICS: (Medical Informatics)

American Medical Informatics Association (AMIA)
http://www.amia.org/

Authoratory - Database of Leading PubMed Scientists
http://www.authoratory.com/

CureHunter - Medical Search and Discovery
http://www.CureHunter.com/

DIRECT2Experts - Distributed Interoperable Biomedical Research Experts
Collaboration Tool
http://direct2experts.org/

EAGLE-I - Search Top Categories From 100,800 Biomedical Resources
https://www.eagle-i.net/

Encyclopedia of Biomaterials and Biomedical Engineering

Framingham SNP Health Association Resource (SHARE)
Health Informatics Forum - Discussion Forum for Health Informatics Professionals and Students
http://www.healthinformaticsforum.com/

International Journal of Biomedical Sciences (IJBS)
http://www.ipbs.org/

International Journal of Medical Microbiology
http://www.sciencedirect.com/science/journal/14384221

JMIIR : Journal of Medical Internet Research
http://www.jmir.org/

OpenClinica – Largest Open Source Community Powering Better Clinical Research
https://community.openclinica.com/

openEHR – Open Industry Specifications, Models, and Software for e-health
http://www.openehr.org/

NEUROINFORMATICS: (NI)

International Neuroinformatics Coordinating Facility (INCF)
http://www.incf.org/

National Ecological Observatory Network (NEON)
http://www.neoninc.org/

NIH Guide: The Human Brain Project (Neuroinformatics): Phase I - Feasibility; Phase II - Refinements, Maintenance and Integration [Archives]

SenseLab – National Databases – Olfactory Databases – Disease Database
http://senselab.med.yale.edu/
BIODIVERSITY INFORMATICS: (BDI)

Biodiversity Informatics Peer Reviewed Open Access Journal
https://journals.ku.edu/index.php/jbi

Chemistry & Biodiversity

Global Biodiversity Information Facility
http://www.gbif.org/

GRAIN - Agricultural Biodiversity
http://www.grain.org/

Overview of Biodiversity Informatics
http://research.calacademy.org/

BIOMOLECULAR INFORMATICS: (BioInformatics)

AddGene - Better Way to Share Plasmids
http://www.addgene.org/

Algorithms for Molecular Biology
http://www.almob.org/

AlphaFold Protein Structure Database
https://alphafold.ebi.ac.uk/

American Journal of Medical Genetics Part B: Neuropsychiatric Genetics

A New CRISPR Tool Flips Genes On and Off Like a Light Switch

Ares Lab Yeast Intron Database
http://compbio.soe.ucsc.edu/yeast_introns.html
arXiv.org – Open Access e-Prints
https://arxiv.org/

ASC: Active Sequence Collection
http://bioinformatica.isa.cnr.it/ASC/

BELIT - Bioethics Literature Database

Bento Lab – The Whole DNA Analysis Lab In Your Hands
https://www.bento.bio/

Biocompare - Buyer's Guide for Life Scientists
http://www.biocompare.com/

BioForge - Community for Biological Innovation
http://www.cambia.org/daisy/cambia/4272

BioGRID
http://www.thebiogrid.org/

Bioinformatics
http://informagen.com/Bioinformatics.php

Bioinformatics.Net
http://www.technologynetworks.com/Informatics/

BioInformatics.org
http://www.BioInformatics.org/

BioInformatics Links
http://www.ii.uib.no/~inge/list.html

BioInformatics Tools

Bioinformatic Workflow Builder Interface
Bioinformation
http://www.bioinformation.net/

BioLINCC – Biologic Specimen and Data Repository Coordinating Center
https://biolincc.nhlbi.nih.gov/

Biology Direct
http://wwwbiologydirect.com/

Biomacromolecules
http://pubs.acs.org/journal/bomaf6

Bio Mapping / Emotion Mapping
http://biomapping.net/

BioMed Central
http://www.biomedcentral.com/

Biometric Technology Today
http://www.sciencedirect.com/science/journal/09694765

BioMolecular Engineering Research Institute (BMERC)
http://www.bu.edu/bmerc/

BIONLP.ORG - Natural Language Processing of Biology Text
http://www.ccs.neu.edu/home/futrelle/bionlp/

BioRuby [Open source bioinformatics library for Ruby]
http://bioruby.org/

bioRxiv – The Preprint Server for Biology
http://biorxiv.org/

Biotechnology Journal (BTJ)
http://onlinelibrary.wiley.com/journal/10.1002/%28ISSN%291860-7314

Biotechnology Resources
http://www.BiotechnologyResources.info/
BIOZ – Best Way To Find Scientific Data
https://www.bioz.com/

BLAST UTR db: Untranslated Regions Database
http://www.ba.itb.cnr.it/BIG/Blast/BlastUTR.html

Briefings in Functional Genomics and Proteomics
http://bfg.oxfordjournals.org/

BSML - Bioinformatics Sequence Markup Language
http://xml.coverpages.org/bsml.html

Cambridge Crystallographic Data Centre
http://www.ccdc.cam.ac.uk/

Cancer Genome Atlas
http://cancergenome.nih.gov/

Cell Biochemistry and Biophysics (CBB)
http://www.springer.com/life+sciences/biochemistry+%26+biophysics/journal/12013

Cell Division
http://www.celldiv.com/

Certara – Advancing Modern, Efficient Drug Development
https://www.certara.com/

Chemical Biology & Drug Design
http://onlinelibrary.wiley.com/journal/10.1111/%28ISSN%291747-0285

Clarivate – Changing the Way the World’s Risk-Takers and Trailblazers Create Life-Changing Innovations
https://clarivate.com/

Computational Biology and Chemistry
http://www.sciencedirect.com/science/journal/14769271

Connectivity Map - Connecting Diseases, Genes and Drugs (CMAP)
http://www.broadinstitute.org/genome_bio/connectivitymap.html
CorePsych - Brain and Body Connections
http://www.corepsych.com/

CRISPR – Clustered Regularly Interspaced Short Palindromic Repeats
https://www.cbinsights.com/research/what-is-crispr

CRISPRoff – Programmable Epigenetic Memory Writer

CRISPR On-Off Switch Will Help Unlock the Secrets of Our Immune System

CRISPR Therapy Cure First Genetic Disorder Inside the Body
https://bigthink.com/health/crispr-therapy-cures-genetic-disorder/

CSH Protocols
http://cshprotocols.cshlp.org/

CUTG : Codon Usage Tabulated from GenBank
http://www.kazusa.or.jp/codon

Data Mining Resources 2022
http://www.DataMiningResources.info/

dbGaP - Database of Genotype and Phenotype

DNA Research
http://dnaresarch.oxfordjournals.org/

DrugBank Database
http://www.drugbank.ca/

EBI and Ghent University Launch PRIDE: An Open Source Database Of Protein Identifications
EdX: The Extremes of Life: Microbes and their Diversity
https://www.edx.org/course/extremes-life-microbes-diversity-kyotou-003x-0

eLabFTW - Free and Open Source Electronic Lab Notebook
https://www.elabftw.net/

Electronic Laboratory Notebook (ELN) and Laboratory Information Management System (LIMS)
http://www.labii.com/

eLife – Open Science and Open Technology Innovation
https://elifesciences.org/

EMBL SMART : Simple Modular Architecture Research Tool (for Proteins)
http://smart.embl.de/

Encyclopedia of DNA Elements (ENCODE)
http://www.encodeproject.org/ENCODE/

Ensembl Genome Browser
http://www.ensembl.org/

Environmental Bioindicators
http://www.tandfonline.com/toc/uebi20/current

European Bioinformatics Institute – The Home for Big Data in Biology – EMBL-EBI
http://www.ebi.ac.uk/

European Bioinformatics Institute: Research Groups
http://www.ebi.ac.uk/research

Evolutionary Intelligence – Create Intelligent Algorithms
http://www.neuroblast.net/

ExploreProtocols.io - Share and Discover Life Science Methods
https://www.protocols.io/

Functional Glycomics Gateway
http://www.functionalglycomics.org/
Genamics SoftwareSeek
http://genamics.com/software/

Genome Bioinformatics – Genome Browser - UCSC
http://genome.ucsc.edu/

Genome Biology and Evolution
http://gbe.oxfordjournals.org/

Genome-Tools

Genomics, Proteomics & Bioinformatics
http://www.sciencedirect.com/science/journal/16720229

GenScript - Your One Stop Wet Lab for Biology
http://www.genscript.com/

Guide to Selected Bioinformatics Internet Resources
http://www.istl.org/02-winter/internet.html

GUS - The Genomics Unified Schema [Site Last Updated 2005]
http://www.gusdb.org/

How the Bio Revolution Could Transform the Competitive Landscape

HS3D - Homo Sapiens Splice Sites Dataset
http://www.sci.unisannio.it/docenti/rampone

International Journal of Data Mining and Bioinformatics (IJDMB)

Internet Resources for Bioinformatics
http://guides.lib.udel.edu/content.php?pid=163662

Invertebrate Biology
Journal of Biological Chemistry  
http://www.jbc.org/

Journal of Biomaterials Science, Polymer Edition  
http://www.ingentaconnect.com/content/tandf/bsp

Journal of Genetics  
http://www.ias.ac.in/jgenet/

Journal of Molecular Histology  
http://link.springer.com/journal/10735

Journal of Molecular Signaling  
http://www.jmolecularsignaling.com/

Journal of Proteome Research  
http://pubs.acs.org/journal/jprobs

Kaggle - Data Mining, Forecasting and BioInformatics Competitions  
http://kaggle.com/

KEGG: Kyoto Encyclopedia of Genes and Genomes  
http://www.genome.jp/kegg/

Lawrence Berkeley National Laboratory: VISTA – Tools for Comparative Genomics  
http://genome.lbl.gov/vista/index.shtml

MethDB : DNA Methylation Database  
http://www.methdb.de/

Microbiology [Particular coverage for Russian microbiology-related developments]  
http://link.springer.com/journal/11021

MIX 2.0 - Meta-analysis with Interactive eXplanations in Excel  
http://www.meta-analysis-made-easy.com/

Molecular and Cellular Proteomics (MCP)  
http://www.mcponline.org/
Molecular BioSystems
http://pubs.rsc.org/en/journals/journalissues/mb#!recentarticles&all

Molecular Cytogenetics
http://www.molecularcytogenetics.org/

Molecular Genetics, Microbiology and Virology
http://link.springer.com/journal/11965

Molecular Plant-Microbe Interactions (MPMI)
http://www.apsnet.org/publications/mpmi/Pages/default.aspx

Multi-Purpose Mini-CRISPR Is Like a Tiny Swiss Army Knife
https://www.futurity.org/crispr-genetic-engineering-2622802-2/

National Center for BioTechnology Information (NCBI)

National Information Center on Health Services Research and Health Care Technology (NICHSR)

Nature Methods
http://www.nature.com/nmeth/index.html

Nature Nanotechnology
http://www.nature.com/nnano/index.html

Neurochemical Journal
http://link.springer.com/journal/11710

Neuroblast – Artificial Minds
http://www.neuroblast.net/

Neuron Glia Biology
http://journals.cambridge.org/action/displayJournal?jid=NGB
Neurotransmitter - Biomedical Information in Neuroscience, Pharmacology and Psychology
http://www.neurotransmitter.net/

New CRISPR Tool Protects Against Viruses Without Making Any DNA Cuts
https://singularityhub.com/2022/06/06/new-crispr-tool-protects-against-viruses-without-making-any-dna-cuts/

New Database of 660,000 Assembled Bacterial Genomes Sheds Light on the Evolution of Bacteria

New Mini-CRISPR Systems Could Dramatically Expand the Scope of Gene Therapy

New Open-Source Software Automates RNA Analysis to Speed Up Research and Drug Development

New Virus-Like Particles Can Deliver CRISPR to Any Cell in the Body

NHGRI Statute and Legislation Database
http://www.genome.gov/PolicyEthics/LegDatabase/pubsearch.cfm

Oligonucleotides – now known as Nucleic Acid Therapeutics
http://online.liebertpub.com/loi/oli

OMIM - Online Mendelian Inheritance in Man

PeerJ – Award Winning Biological, Medical, and Environmental Sciences Journal
https://peerj.com/

PharmGKB: The Pharmacogenetics and Pharmacogenomics Knowledge Base
http://www.pharmgkb.org/
PhenX Toolkit  
https://www.phenxtoolkit.org/  

PLOS: Pathogens  
http://journals.plos.org/plospathogens/  

PPAR Research  
http://www.hindawi.com/journals/par/  

Programming Life: An Interview with Jennifer Doudna – Co-Discoverer of CRISPR-Cas9  

Project Ensembl  
http://asia.ensembl.org  

Protein Journal  
http://link.springer.com/journal/10930  

Protocol Exchange  
https://www.nature.com/protocolexchange  

Protocol Online - Your Lab's Reference Book  
http://www.protocol-online.org/  

Proteomics  
http://onlinelibrary.wiley.com/journal/10.1002/%28ISSN%291615-9861  

PSI-Nature Structural Biology Knowledgebase (PSI SBKB)  
http://sbkb.org/  

RECAP – Informing Key Biopharmaceutical Decisions - Clarivate  
http://www.recap.com/  

Registry of Standard Biological Parts  
http://parts.igem.org/Main_Page  

Russian Journal of Genetics  
http://link.springer.com/journal/11177
Scalable Molecular Dynamics (NAMD)
http://www.ks.uiuc.edu/Research/namd/

Scientific Protocols - Free and Easy Way To Share Scientific Protocols
https://protocols.scienceexchange.com/

Search NCBI

S/MARt DB
http://smartdb.bioinf.med.uni-goettingen.de/

SmidgION - Nanopore Sensing for Use With Mobile Devices
https://nanoporettech.com/products/smidgion

Source Code for Biology and Medicine
http://www.scfbm.org/

STRBase : Short Tandem Repeat DNA Internet Database
http://www.cstl.nist.gov/div831/strbase

StructuralBiology KnowledgeBase
http://sbkb.org/

Super-Precise CRISPR Gene Editing Tool Is Set to Tackle Tough Genetic Diseases

Synapse
http://onlinelibrary.wiley.com/journal/10.1002/%28ISSN%291098-2396

Talking Glossary of Genetic Terms
http://www.genome.gov/glossary/

Textpresso – Knowledge Discovery Through Full Text Mining, Classification and Searching
http://www.textpresso.org/
The Bio Revolution: Innovations Transforming Economies, Societies, and Our Lives

The CIPRES Science Gateway V. 3.3
https://www.phylo.org/

The CRISPR Family Tree Holds a Multitude of Untapped Gene Editing Tools

The Genetic Codes

The Kepler Project
https://kepler-project.org/

The PubChem Project – Explore Chemistry

The TAMBIS Project
http://www.cs.man.ac.uk/~stevensr/tambis/

The Wellcome Trust Sanger Institute
http://www.sanger.ac.uk/

The Winnower – Open Access Online Scholarly Publishing Platform
https://thewinnower.com/

ToPNet (Protein Topology Calculation Software)
http://networks.gersteinlab.org/

Transcriptic - Discovery Biology On Demand - Strateos
https://www.transcriptic.com/

Transinsight - Intelligent Search Technologies for the Life Sciences
http://transinsight.com/
Transmembrane Structure Prediction Servers
http://split.pmfst.hr/split/4/others.html

Tree of Life Web Project (ToL)
http://tolweb.org/tree/

UCLA Bioinformatics Program
http://www.bioinformatics.ucla.edu/

UK Biobank – Improving the Health of Future Generations
http://www.ukbiobank.ac.uk/

VADLO - Life Sciences Search Engine
http://www.vadlo.com/

Visual Complexity
http://www.visualcomplexity.com/

World’s Knowledge at Your Fingertips
https://mindzilla.com/

ZBIT Bioinformatics Toolbox: A Web-Platform for Systems Biology and Expression Data Analysis
http://journals.plos.org/plosone/article?id=10.1371%2Fjournal.pone.0149263
Subject Tracer™ Information Blogs

Subject Tracer™ Information Blogs created and developed by the Virtual Private Library™ combine the best of the latest tools on the Internet. Using bots, blogs and news aggregators the Subject Tracer™ Information blogs generate RSS feeds with the latest resources to create a current information resource flow through niched subject tracers. I am proud to be the creator of the Internet’s first Subject Tracer™ Information Blogs:

Virtual Private Library™
http://www.VirtualPrivateLibrary.com/

Accessibility Resources
http://www.AccessibilityResources.info/

Agriculture Resources
http://www.AgricultureResources.info/

AnswerSpot
http://www.AnswerSpot.co/

Artificial Intelligence Resources
http://www.AIResources.info/

Astronomy Resources
http://www.AstronomyResources.info/

Auction Resources
http://www.AuctionResources.info/

Biological Informatics
http://www.BiologicalInformatics.info/

Biotechnology Resources
http://www.BiotechnologyResources.info/

Bot Research
http://www.BotResearch.info/
Business Intelligence Resources
http://www.BIResources.info/

ChatterBots
http://www.ChatterBots.info/

Data Mining Resources
http://www.DataMiningResources.info/

Deep Web Research
http://www.DeepWebResearch.info/

Directory Resources
http://www.DirectoryResources.info/

eCommerce Resources
http://eCommerceResources.info/

Education and Academic Resources
http://www.EducationResources.info/

Elder Resources
http://www.ElderResources.info/

Employment Resources
http://www.EmploymentResources.info/

Entrepreneurial Resources
http://www_ENTREPRENEURIALRESOURCES.INFO/

Fact Checkers Directory
http://www.FactCheckers.us/

Financial Sources
http://www.FinancialSources.info/

Finding People
http://www.FindingPeople.info/
Games Resources
http://www.GamesResources.info/

Genealogy Resources
http://www.GenealogyResources.info/

Grant Resources
http://www.GrantResources.info/

Green Files
http://www.GreenFiles.info/

Grid, Distributed and Cloud Computing Resources
http://www.GridResources.info/

Healthcare Resources
http://www.HealthcareResources.info/

Information Futures Markets
http://www.InformationFuturesMarkets.com/

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Statistics Resources and Big Data
http://www.StatisticsResources.info/

Student Research
http://www.StudentResearch.info/

Theology Resources
http://www.TheologyResources.info/

Tutorial Resources
http://www.TutorialResources.info/

World Wide Web Reference
http://www.WWWReference.info/

Author Information: Marcus P. Zillman, M.S., A.M.H.A. Executive Director of the Virtual Private Library is an international Internet expert, author, keynote speaker and corporate consultant in the area of information retrieval, knowledge discovery, knowledge harvesting, artificial intelligence and bots/intelligent agents. He has created numerous world wide web sites including 54 Subject Tracer™ Information Portals and
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Marcus P. Zillman's Blog (26,000+ Postings)
http://www.zillman.us/

Marcus P. Zillman Abbreviated Bio
http://www.zillman.info/

Awareness Watch™ Newsletter
http://www.AwarenessWatch.com/

Marcus P. Zillman's Columns
http://www.ZillmanColumns.com

LinkSeries Publications
http://www.LinkSeries.com/

Links By Marcus™
http://www.LinksByMarcus.com/

Workshops By Marcus™
http://www.WorkshopsByMarcus.com/

SourceSeries Internet Research Workshops
http://www.SourceSeries.com/

Watch Marcus™
http://www.WatchMarcus.com/

Research White Papers, Articles, Lectures and Speeches by Marcus P. Zillman, M.S., A.M.H.A.:

2022 Directory of Directories
2022 Guide to Finding Experts by Using the Internet
http://www.FindingExperts.info/

2022 Guide to Finding People Resources and Sites
http://www.FindingPeople.info/

2022 Guide to Internet Privacy Resources and Tools
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Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2022

Web Data Extractors 2022
http://www.WebDataExtractors.com/

Web Guide for the New Economy 2022

White Papers 2022 by Marcus P. Zillman, M.S., A.M.H.A.
http://www.WhitePapers.us/

Internet Tutor by Marcus P. Zillman, M.S., A.M.H.A.
http://www.InternetTutor.info/
Visit this site to learn about the availability of Marcus P. Zillman to tutor you or your associate one on one in the privacy of your residence or office on the latest happenings of the Internet including Internet basics to advanced Internet searching using bots and creating your own personal blog.

Internet Speaking by Marcus P. Zillman, M.S., A.M.H.A.
http://www.InternetSpeaker.net
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Internet Consulting by Marcus P. Zillman, M.S., A.M.H.A.
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Current Awareness Monitors, Alerts and Information Traps
http://www.eCurrentAwareness.com/
Marcus P. Zillman’s latest report Current Awareness Monitors, Alerts and Information Traps is available for purchase online and for immediate download. This report is a comprehensive listing of the latest resources, sources and sites for current awareness on the Internet. This is a must read for anyone who must stay current in their profession and/or business activity as the list of URLs will keep you at the leading edge of your career.

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http://www.EntrepreneurialLinks.com/
Marcus P. Zillman’s newly released 231 page eReference digital book for the up and coming entrepreneur. Entrepreneurial Links 101 gives an alphabetical listing of the very best Internet and World Wide Web sites covering Entrepreneur Resources, Business Intelligence Resources and an extremely comprehensive list of Online Research Tools. This is considered by many to be the entrepreneur’s bible for finding relevant and competent online resources!

Internet Privacy and Security Resources
http://www.InternetPrivacySecurity.net/
Marcus P. Zillman’s latest eReference digital publication is a selected comprehensive alphabetical listing of the latest resources and sites covering all aspects of privacy and security currently available over the Internet. From the board room to the family room, these resources and sites give you the information you need to maintain your privacy and security as you use the Internet in your business and personal life.

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research resources and tools for the Newbie to research as well as the Seasoned researcher. Contents include: a) Research Resources, b) Research Tools, c) Student Research Resources Toolkit, d) Knowledge Discovery/Management and Data Mining Resources, e) Knowledge Discovery/Retrieval and the World Wide Web Resources, f) Business Intelligence Resources, g) Reference Resources, and h) Subject Tracer™ Information Blogs.

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