La Ciencia Abierta desde el COVID-19: Acceso Abierto + Datos Abiertos

Open Science since COVID-19: Open Access + Open Data

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Disponible en: https://repositorio.hospitalelcruce.org/xmlui/handle/123456789/975

RESUMEN

La crisis del coronavirus ha generado diferentes iniciativas para promover el acceso a publicaciones y datos en abierto, resolviendo de manera colaborativa y desde distintos lugares, siendo un ejemplo de los beneficios de la ciencia abierta.

A partir de la versión inicial de la **Recopilación sobre Ciencia Abierta desde el COVID-19: Acceso Abierto + Datos Abiertos (Versión I: abril 3 de 2020)** publicada por Alejandro Uribe-Tirado (**http://eprints.rclis.org/39864/**)**,** nos pareció una buena práctica actualizar de manera abierta y colaborativa este primer insumo, utilizando la plataforma: **https://etherpad.wikimedia.org/p/covid19**.

Esta nueva versión ha sido actualizada hasta junio *(Versión II: junio 3 de 2020),* es el resultado de este trabajo conjunto.

PALABRAS CLAVE: Infecciones por Coronavirus, Acceso a la información, Publicación de Acceso Abierto.

ABSTRACT

The coronavirus crisis has created different initiatives that promote access to open publications and open data, solve collaboratively and from different places, being an example of the benefits of open science. From the initial version of the Compilation on **Open Science since COVID-19: Open Access + Open Data** (Version I: April 3, 2020) published by Alejandro Uribe-Tirado (First version in Spanish: **http://eprints.rclis.org/39864/**), it seemed to us, a good practice to update this first input openly and collaboratively, using the platform: **https://etherpad.wikimedia.org/p/covid19**. This new version (Version II: June 3, 2020), is the result of this joint work.

KEYWORD: Coronavirus Infections, Access to Information, Open Access Publishing.

- **Análisis**

  - CoLaV / COVID-19 *(Producción más significativa entre los diferentes estudios alrededor del mundo sobre COVID-19)* https://onodo.org/visualizations/115523 *(Beta)*

- **Análisis Críticos y Sistematizaciones:**

  o OCDE-OECD: Tackling coronavirus - Why open science is critical to combatting COVID-19: https://www.oecd.org/coronavirus/en/?utm_source=Adestra&utm_medium=email&utm_content=Tackling%20coronavirus%3A%20contributing%20to%20a%20global%20effort&utm_campaign=OECD%20Science%2C%20Technology%20%26%20Innovation%20News%2005%2F2020&utm_term=demo
  o Pensar la pandemia. Observatorio Social del Coronavirus (CLACSO): https://www.clacso.org/pensar-la-pandemiaobservatorio-m-del-coronavirus/
  o CEPAL-COVID-19: https://www.cepal.org/es/publicaciones/45337-america-latina-caribe-la-pandemia-covid-19-efectos-economicos-sociales?utm_source=CiviCRM&utm_medium=email&utm_campaign=20200407_informe_covid19
  o Respuestas de los sistemas educativos de América Latina a la crisis de la COVID-19:

https://www.siteal.iiep.unesco.org/respuestas_educativas_covid_19?utm_source=email_marketing&utm_admin=132116&utm_medium=email&utm_campaign=Cmo_responden_los_sistemas_educativos_de_la_regin_a_la_COVID_Lea_la_sistematizacin_en_el_SITEAL

o Educación y pandemia. Una visión académica:
https://www.iisue.unam.mx/investigacion/textos/educacion_pandemia.pdf

o Coronavirus SARS-CoV-2 y patentes:
https://abg-ip.com/es/coronavirus-patentes/?cli_action=1587573221.233

- **Asociaciones** (*Acuerdos para facilitar acceso a su información y publicaciones*)

o American Association for the Advancement of Science.*Latest news and research on Covid-19.:*
https://www.sciencemag.org/tags/coronavirus

o American Academy of Pediatrics.Critical Updates *and resources for pediatricians:*
https://services.aap.org/en/pages/2019-novel-coronavirus-covid-19-infections/

o American College of Physicians. *A collection of Annals of Internal Medicine articles related to coronavirus is freely available:*
https://annals.org/aim/pages/coronavirus-content

o American Institute of Physics. *AIP Publishing has made a collection of articles on infectious diseases, epidemics, computational epidemiology, and pandemics free to read:*
https://publishing.aip.org/publications/journals/covid-19/

o American Medical Association. *JAMA Network COVID-19 information collection:*
https://jamanetwork.com/journals/jama/pages/coronavirus-alert

o American Psychiatric Association Publishing. *Resources for Psychiatrists and on Coping with the Outbreak:*
https://www.psychiatry.org/news-room/apa-blogs/apa-blog/2020/03/covid-19-mental-health-impacts-resources-for-psychiatrists

o American Physiological Society. *Journal articles, resources, news articles and other information to keep you informed and help you work smarter and more efficiently from home:*
https://www.physiology.org/career/teaching-learning-resources/covid-19-resources?SSO=Y

o American Society of Civil Engineers. *Resources for working from home:*
https://collaborate.asce.org/covid-19/home

o American Society of Clinical Oncology. *General resources and information:*
https://www.asco.org/asco-coronavirus-information

o American Society of Nephrology. *Resources for Outpatient Dialysis Facilities:*
https://www.asn-online.org/ntds/

- American Society for Microbiology. *Free access to research articles about COVID-19 & toolkit to help spread information:* https://www.asm.org/Press-Releases/2020/COVID-19-Resources
- Asociación Regional de Diálisis y Trasplantes Renales (Argentina): *Recursos de información especializados sobre COVID-19 SARS-CoV-2 en relación con la práctica nefrológica:* https://sites.google.com/view/covid-19-nefrologa/home
- China National Knowledge Infrastructure. *IE Library comparte la plataforma CNKI, con los logros de investigación en China y el mundo.* http://en.gzbd.cnki.net/GZBT/brief/Default.aspx
- European Respiratory Society. *The latest articles from ERS publications on SARS-CoV-2 and COVID-19:* https://erj.ersjournals.com/cc/sars-cov-2-and-covid-19
- Future Science Group – Infectious Diseases Hub. *Discover the latest updates on the ongoing novel coronavirus outbreak in the 'COVID-19 Hub'* https://www.id-hub.com/2020/03/17/in-focus-coronavirus/
- Microbiology Society. *Microbiology Society has brought together articles from across their portfolio and made this content freely available:* https://www.microbiologyresearch.org/content/coronaviruses
- Royal Society of Chemistry. *Coronavirus articles – free to access collection:* https://pubs.rsc.org/en/Journals/ArticleCollectionLanding?themeId=1eac56a1-4121-43c5-b3ec-3d6f9d9226fb&journalName
- The Royal Society. *Sharing research data and findings relevant to the novel coronavirus outbreak:* https://royalsocietypublishing.org/topic/special-collections/novel-coronavirus-outbreak

- **Base de conocimiento en epidemias.** (*Pandemias en revistas AmeliCA/REDALYC)*

  - AmeliCA: http://amelica.org/epidemics/
  - CLACSO: https://www.clacso.org/base-de-conocimiento-en-epidemias-pandemias-de-revistas/

- **Bases de datos o Repositorios con contenidos abiertos:**

  Plataformas de ciencia abierta

  - BIREME/OPS/OMS. Enfermedad por coronavirus: https://bvsalud.org/vitrinas/es/post_vitrines/nuevo_coronavirus/

- BioRxiv and MedRxiv:
  https://connect.biorxiv.org/relate/content/181 –
  https://connect.medrxiv.org/relate/content/181
- Dimensions:
  https://covid-19.dimensions.ai/
- Figshare:
  https://covid19.figshare.com/
- Frontiers Coronavirus Knowledge Hub:
  https://coronavirus.frontiersin.org/?utm_source=ad&utm_medium=tw&utm_campaign
- KUDOS Pro:
  https://growkudos.com/projects/covid-19
- Science Open. Novel Coronavirus Disease COVID-19:
  https://www.scienceopen.com/collection/COVID_19
- ZENODO - Open AIRE Community - Gateway:
  https://www.openaire.eu/openaire-activities-for-covid-19
- Observatorio OEI *(Seguimiento en tiempo real desde datos de Pubmed)*:
  https://observatoriocts.oei.org.ar/2020/03/25/el-radar-del-observatoriocts-seguimiento-en-vivo-del-covid-19/

Otras

- Base:
  https://phgkb.cdc.gov/PHGKB/coVInfoStartPage.action
- CLACAI. Colección COVID-19:
  https://clacaidigital.info/handle/123456789/1284
- ClinicalTrials:
  https://clinicaltrials.gov/ct2/results?cond=covid19+OR+covid-19+OR+%22covid+19%22+OR+2019ncov+OR+2019-ncov+OR+%222019+ncov%22+OR+%222019+Novel+Coronavirus%22+OR+%222019+novel+cov%22+OR+%28wuhan+AND+%28ncov+OR+coronavirus%29%29&term=&cntry=&state=&city=&dist=&Search=Search
- Coronavirus COVID-19. National Institutes for Health USA:
  https://www.nih.gov/health-information/coronavirus
- DisasterLit:
  https://disasterinfo.nlm.nih.gov/search/?q=%22covid-19%22%20OR%20(covid%20AND%2019)%20OR%20(coronavirus%20AND%20novel)%20OR%20Wuhan%20OR%20ncov
- GenBank COVID-2019 Sequence:
- https://www.ncbi.nlm.nih.gov/genbank/2019-ncov-seqs/?utm_campaign=wuhan_nCoV&utm_source=insights&utm_medium=referral

- o Europe PMC:
  https://europepmc.org/search?query=covid19%20OR%20covid-19%20OR%20%22covid%2019%22%20OR%202019ncov%20OR%202019-ncov%20OR%20%222019%20ncov%22%20OR%20%222019%20Novel%20Coronavirus%22%20OR%20%222019%20novel%20cov%22%20OR%20%28wuhan%20AND%20%28ncov%20OR%20coronavirus%29%29%20OR%20%22novel%20coronavirus%20pneumonia%22

- o LitCovid:
  https://www.ncbi.nlm.nih.gov/research/coronavirus/

- o NCBI Virus' COVID-2019 data hub:
  https://www.ncbi.nlm.nih.gov/labs/virus/vssi/#/virus?SeqType_s=Nucleotide&VirusLineage_ss=Wuhan%20seafood%20market%20pneumonia%20virus,%20taxid:2697049

- o Observatorio OEI *(Seguimiento en tiempo real desde datos de Pubmed)*:
  https://observatoriocts.oei.org.ar/2020/03/25/el-radar-del-observatoriocts-seguimiento-en-vivo-del-covid-19/

- o OPS. Repositorio Orientación sobre la COVID-19 y últimas investigaciones en las Américas:
  https://covid19-evidence.paho.org/

- o Public Health Genomics and Precision Health Knowledge:
  https://phgkb.cdc.gov/PHGKB/phgHome.action?action=home

- o PUBLONS:
  https://publons.com/publon/covid-19/?sort_by=date

- o PubMed:
  https://www.ncbi.nlm.nih.gov/pubmed/?term=%22Wuhan+coronavirus%22%5BSupplementary+Concept%5D+OR+covid19+OR+covid-19+OR+%22covid+19%22+OR+2019ncov+OR+2019-ncov+OR+%222019+ncov%22+OR+%222019+Novel+Coronavirus%22+OR+%222019+novel+cov%22+OR+(wuhan+AND+(ncov+OR+coronavirus))+OR+%22novel+coronavirus+pneumonia%22

- o Repositorio Digital de la Universidad Juan Agustín Maza. Colección COVID19:
  http://repositorio.umaza.edu.ar/handle/00261/1050

- o Sistema Nacional de Repositorios Digitales de Argentina. Colección COVID-19:
  https://repositoriosdigitales.mincyt.gob.ar/vufind/Search/Results?lookfor=%22COVID-19%22+OR+%222019-nCoV%22+OR+%E2%80%9CSARS-CoV-2%E2%80%9D&type=AllFields

- o WHO COVID-19 research article database:
  https://www.who.int/emergencies/diseases/novel-coronavirus-2019/global-research-on-novel-coronavirus-2019-ncov

- **Búsqueda y producción.** *(Según propósitos y especialidades):*

  - https://www.alia.org.au/groups/HLA/covid-19-live-literature-searches
  - https://sites.google.com/view/covid19-por-especialidades/p%C3%A1gina-principal?authuser=0
  - http://amelica.org/epidemics/ (*SPARQL endpoint*)
  - https://www.ecri.org/coronavirus-covid-19-outbreak-preparedness-center

- **Comunidades (Redes Sociales):**

  - Open Source COVID19 Medical Supplies: https://www.facebook.com/groups/670932227050506/

- **Dataset sobre Covid-19** *(Datos abiertos)*

  - CAS: https://www.cas.org/covid-19-antiviral-compounds-dataset
  - COVID-19 Open Research Dataset: https://pages.semanticscholar.org/coronavirus-research
  - Datasets Search - Google: https://datasetsearch.research.google.com/search?query=coronavirus%20covid-19&docid=g3oiDuHtkLygNkWHAAAAAA%3D%3D
  - GenBank COVID-19 Sequences: https://www.ncbi.nlm.nih.gov/genbank/2019-ncov-seqs/?utm_campaign=wuhan_nCoV&utm_source=insights&utm_medium=referral
  - LENS: https://about.lens.org/covid-19/
  - NCBI Virus' COVID-19 data hub: https://www.ncbi.nlm.nih.gov/labs/virus/vssi/#/virus?SeqType_s=Nucleotide&VirusLineage_ss=Wuhan%20seafood%20market%20pneumonia%20virus,%20taxid:2697049
  - Open ICPSR: https://www.openicpsr.org/openicpsr/search/covid19/studies

- **Datos y visualizaciones en tiempo real** *(Dashboards):*

  Principales

  o World Health Organization's online dashboard:
    http://who.maps.arcgis.com/apps/opsdashboard/index.html#/c88e37cfc43b4ed3baf977d77e4a0667
  o Johns Hopkins' online dashboard of reported cases:
  o https://bit.ly/3d3o1km - https://coronavirus.jhu.edu/map.html

  Otros

  o Baidu online dashboard:
    https://voice.baidu.com/act/newpneumonia/newpneumonia/?from=osari_pc_3
  o Early Alert's online dashboard:
    https://early-alert.maps.arcgis.com/apps/opsdashboard/index.html#/20bfbf89c8e74c0494c90b1ae0fa7b78
  o FAA online dashboard:
    https://c3eon.maps.arcgis.com/apps/opsdashboard/index.html#/ba9350bd7ee94db896e15640a1b524c7
  o STATISTA:
    https://www.statista.com/page/covid-19-coronavirus
  o Track Corona Live:
    https://www.trackcorona.live/

- **Declaraciones por el acceso abierto a publicaciones y datos por la crisis del Covid-19:**

  o Coalición Internacional de Consorcios de Bibliotecas-ICOLC:
    https://drive.google.com/file/d/1csWSS6IUHTAFdyVu100jisOo2cR3mLlB/view
  o CODATA, GO FAIR, RDA and WDS:
    https://codata.org/wp-content/uploads/2020/03/Data-Together-COVID-19-Statement-FINAL.pdf
  o REBIUN:
    https://www.rebiun.org/sites/default/files/2020-03/Declaracionafavordelconocimientoabiertoysostenible.pdf

- **Estrategias de Búsqueda según necesidades de información y disciplinas:**

- o DIIGO:
  https://www.diigo.com/profile/covid-19?query=%23B%C3%BAsquedas_bibliogr%C3%A1ficas
- o BV Salud BIREME/OPS/OMS:
  https://bvsalud.org/queries/?s=%&l=es_ES

- **Fuentes oficiales para consultar sobre el COVID-19 en diferentes países:**

  - o Iberoamérica:
    https://fundaciongabo.org/es/noticias/articulo/fuentes-oficiales-para-consultar-informacion-sobre-covid-19-en-paises-de
    - *Argentina.* Ministerio de Salud de Argentina - Casa Rosada:
      https://www.argentina.gob.ar/salud/coronavirus-COVID-19 -
      https://www.casarosada.gob.ar/
    - *Chile*. Ministerio de Salud de Chile: https://www.minsal.cl/nuevo-coronavirus-2019-ncov/
    - *Colombia.* Ministerio de Salud y Protección Social de
      Colombia: http://186.31.104.166/ - https://d2jsqrio60m94k.cloudfront
    - *Costa Rica.* Ministerio de Salud de Costa
      Rica: https://www.ministeriodesalud.go.cr/
    - *Cuba.* Ministerio de Salud Pública de la República de
      Cuba: https://salud.msp.gob.cu/
    - *Ecuador.* Ministerio de Salud Pública de
      Ecuador: https://www.salud.gob.ec/coronavirus-covid-19/
    - *España.* Ministerio de Sanidad, Consumo y Bienestar
      Social: https://www.mscbs.gob.es/
    - *Guatemala.* Ministerio de Salud Pública y Asistencia
      Social: https://www.mspas.gob.gt/
    - *Honduras.* Secretaría de Salud de Honduras:
      http://www.salud.gob.hn/site/index.php/secretaria
    - *México.* Secretaría de Salud de México: https://www.gob.mx/salud
    - *Paraguay.* Ministerio de Salud de
      Paraguay: https://www.mspbs.gov.py/index.php
    - *Perú.* Ministerio de Salud del Perú: https://www.gob.pe/minsa/
    - *Portugal.* Servicio Nacional de Saúde. https://covid19.min-saude.pt/
    - *República Dominicana.* Ministerio de Salud Pública de República Dominicana:
      https://www.facebook.com/SaludPublicaRD/
    - *Venezuela.* Ministerio del Poder Popular para la
      Salud: http://www.mpps.gob.ve/

- ▪ *Uruguay.* Ministerio de Salud Pública: https://www.gub.uy/ministerio-salud-publica/

- o Otros países:
  - ▪ *Alemania:* Taggeschau.de. https://www.tagesschau.de/inland/coronavirus-karte-deutschland-101.html - Berliner MorgenPost Mapa https://interaktiv.morgenpost.de/corona-virus-karte-infektionen-deutschland-weltweit/
  - ▪ *Bélgica.* SPF Santé publique, Sécurité de la Chaîne alimentaire et Environnement Comunicados prensa. https://www.infocoronavirus.be/fr/news/
  - ▪ *Francia.* Suivi des Pacientes Covid-19 en Francia. https://mapthenews.maps.arcgis.com/apps/opsdashboard/index.html#/5df19abcf8714bc590a3b143e14a548c - Eficiens. https://www.eficiens.com/coronavirus-statistiques/ - Santé Publique France. https://www.santepubliquefrance.fr/maladies-et-traumatismes/maladies-et-infectionsrespiratoires/infection-a-coronavirus/articles/infection-au-nouveau-coronavirus-sars-cov-2-covid-19-france- et-monde
  - ▪ *Irlanda:* RTE COVID-19 Resumen nacional basado en datos del Departamento de Salud.https://www.rte.ie/news/coronavirus/summary/
  - ▪ *Italia.* Ministero della Salute. http://www.salute.gov.it/nuovocoronavirus
  - ▪ *Suiza.* Swissinfo.ch. https://www.swissinfo.ch/spa/sociedad/coronavirus--la-situaci%C3%B3n-en-suiza/45592694
  - ▪ *Holanda.* Ministerie van Volksgezondheid, Welzikn en Sport. https://www.rivm.nl/actuele-informatie-over-coronavirus
  - ▪ *Reino Unido:* BBC. https://www.bbc.com/news/uk-51768274 - Public Health England-https://www.arcgis.com/apps/opsdashboard/index.html#/f94c3c90da5b4e9f9a0b19484dd4bb14Gov.UK https://www.gov.uk/government/news/nhs-asks-people-to-share-their-coronavirus-symptoms-to-help-others

- ● **Protocolos basados en evidencias científicas.**

- o Biblioteca Cochrane *(Serie de colecciones sobre el COVID-19. Disponible en: chino simplificado, alemán, persa, francés, japonés, malayo, polaco, portugués, ruso e inglés).*
  - ● Evidencia relevante para cuidados críticos:

https://www.cochranelibrary.com/es/collections/doi/SC000039/full?contentLanguage=es
- Medidas de prevención y control de la infección:
https://www.cochranelibrary.com/es/collections/doi/SC000040/full

- **Iniciativas Colaborativas de Investigación**

  o Iniciativa de la comunidad científica donde buscar voluntarios investigadores o ayuda https://crowdfightcovid19.org/
  o Digital Narratives of COVID-19:
  https://github.com/dh-miami/narratives_covid19 yhttps://covid.dh.miami.edu/

- **Iniciativas de apoyo con acceso abierto, datos abiertos y formación sobre COVID-19 desde Bibliotecas:**

  o ALA-ACRL:
  https://acrl.libguides.com/pandemic/
  o ICOLC:
  https://icolc.net/statement/statement-global-covid-19-pandemic-and-its-impact-library-services-and-resources
  o IFLA:
  https://www.ifla.org/ES/node/92983
  o ITHAKA:
  https://sr.ithaka.org/our-work/covid-19/

- **Información General:**

  o Wikipedia, Coronavirus:
  https://en.wikipedia.org/wiki/Coronavirus

- **Mapas interactivos desde Iberoamérica sobre COVID-19:**

  o OEI: https://www.oei.es/covid-19-ciencia/investigacion

- **Medios:**

  o New York Times, Coronavirus Map: Tracking the Global Outbreak:
  https://www.nytimes.com/interactive/2020/world/coronavirus-maps.html

- New York Time, Coronavirus News:
  https://www.nytimes.com/news-event/coronavirus

- **Metabuscadores - Motor de Búsqueda**

  o COVID Scholar
  https://www.covidscholar.org/
  o C3.ai COVID-19 Data Lake
  https://c3.ai/products/c3-ai-covid-19-data-lake/
  o INFO COVID-19 *(en español o en inglés)*
  https://cse.google.com/cse?cx=017334360823949002299:gyqmwoprjwp

- **Multimedia**

  o Primal Pictures. *(Data and findings relevant to the novel coronavirus / COVID-19 disease)*:https://www.primalpictures.com/disease-and-conditions-covid-19/

- **Noticias verificadas**

  o Corona virus disease. Curated news and resources on COVID-19 *(Curated by the Scoop.it team):*
  https://www.scoop.it/topic/corona-virus-news

- **Noticias falsas** *(Información y Formación para evitarlas)*

  o España:
  https://maldita.es/coronavirus/
  o Colombia:
  https://colombiacheck.com/especiales/coronavirus/
  o Latinoamérica:
  https://www.chequeado.com/latamcoronavirus/
  o Mundial:
  https://www.factcheck.org/a-guide-to-our-coronavirus-coverage/
  o Mundial:
  https://www.poynter.org/ifcn-covid-19-misinformation/

- **Patentes:**

  - Patentscope Covid-19 Index:
    https://patentscope.wipo.int/search/en/covid19.jsf

- **Recopilación de publicaciones desde gestores bibliográficos**

  - Zotero:
    https://www.zotero.org/groups/2475685/digital_narratives_of_covid-19
    Mendeley
    https://data.mendeley.com/collections/f082ece9-8143-4e19-8611-31f9973a0a2d

- **Recursos adicionales preparados por bibliotecarios o documentalistas**

  - Blog de María García-Puente (@bibliovirtual):
    https://bibliovirtual.wordpress.com/novedades-y-recursos/

- **Redes de trabajo COVID-19 y ciencia abierta (datos abiertos):**

  - Virus Outbreak Data Network (VODAN):
    https://www.go-fair.org/implementation-networks/overview/vodan/

- **Retrations (*retractaciones*):**

  - Retration Wash. COVID-19:
    https://retractionwatch.com/?s=COVID-19

- **Revistas y Editoriales-Bases de Datos específicas (*con Publicaciones de acceso abierto o abiertas por la crisis*):**

  - American Society for Microbiology:
    https://www.asm.org/Press-Releases/2020/COVID-19-Resources
  - Annual Reviews:

https://annualreviewsnews.org/2020/03/13/annual-reviews-removes-access-control-in-response-to-covid-19-pandemic/

- o BioOne (*Avian Diseases, Journal of Wildlife Diseases, Journal of Zoo and Wildlife Medicine*):
  https://complete.bioone.org/covid-19
- o BMJ:
  https://www.bmj.com/coronavirus?int_source=wisepops&int_medium=wisepops&int_campaign=DAA_CoronaVirus_Jan24
- o British Medical Journal:
  https://www.bmj.com/coronavirus
- o Cambridge Core-Collection:
  https://www.cambridge.org/core/browse-subjects/medicine/coronavirus-free-access-collection
- o China CDC Weekly:
  http://weekly.chinacdc.cn/
- o Clarivate COVID-19:
  https://clarivate.com/coronavirus-resources/
- o Copyright Clearance Center List:
  https://www.copyright.com/coronavirus-covid-19/
- o COVID-TECA *(Hemeroteca de humanidades sobre la pandemia de coronavirus):*
  https://iberlab.ugr.es/hemeroteca-covid19/
- o Emerald Publishing:
  https://www.emeraldgrouppublishing.com/promo/coronavirus.htm?utm_source=smc_email_awareness&utm_medium=email&utm_campaign=pim_Covid-19%20Announcement%20S&EE_20200330_free
- o Eurosurveillance. COVID-19 Collection:
  https://www.eurosurveillance.org/content/2019-ncov
- o F1000Research:
  https://f1000research.com/gateways/disease_outbreaks/coronavirus
- o Frontiers. Coronavirus Funding Monitor (*curated list*):
  https://coronavirus.frontiersin.org/covid-19-research-funding-monitor
- o Gale Health and Wellness:
  https://go.gale.com/ps/start.do?p=HWRC&u=geb_trial
- o Gideon *(Global Infectious Diseases and Epidemiology Online Network):*
  http://tools.ovid.com/coronavirus/#gideonVideo
- o Journal of the American Medical Association. COVID-19: collection:
  https://jamanetwork.com/journals/jama/pages/coronavirus-alertexternal
- o Journal of Visualized Experiments (JoVE). COVID-19: collection:
  https://info2.jove.com/coronavirusvideoexternal
- o JSTOR:
  https://daily.jstor.org/teaching-pandemics/ - https://about.jstor.org/covid19/

o   Lancet: COVID-19 collection:
    https://www.thelancet.com/coronavirusexternal
o   MIT Press:
    https://mitpress.mit.edu/blog/articles-understanding-pandemics-and-epidemiology

o   Nature:
    http://sfx.library.cdc.gov/cdc?url_ver=Z39.88-2004&url_ctx_fmt=info:ofi/fmt:kev:mtx:ctx&ctx_enc=info:ofi/enc:UTF-8&ctx_ver=Z39.88-2004&rfr_id=info:sid/sfxit.com:azlist&sfx.ignore_date_threshold=1&rft.object_id=954925427238&rft.object_portfolio_id=110974981369255&svc.fulltext=yes&sfx.directlink=force
o   New England Journal of Medicine:
    https://www.nejm.org/coronavirus
o   Proceedings of the National Academy of Sciences:
    https://www.pnas.org/coronavirus
o   Proquest:
    https://www.proquest.com/products-services/related/Coronavirus-Outbreak-Authoritative-Resources.html
o   Sage. Coronavirus (COVID-19) Research:
    https://journals.sagepub.com/coronavirus?utm_source=Adestra&utm_medium=email&utm_content=0A00927&utm_campaign=not+tracked&utm_term=&em=cdfe678a4c8264350f0d0313b06045b98ccc2587ad78780fbcaf48505c1e8926
o   Springer Nature:
    https://www.springernature.com/gp/librarians/landing/covid19-library-resources?sap-outbound-id=AEE162CE2226967739A62FA5B4A90B818AF77DEA&utm_source=hybris-campaign&utm_medium=email&utm_campaign=106_BASC02_0000020398_Library%20Link%20NL%20Special%20Issue%20COVID%2019&utm_content=EN_internal_45377_20200402&mkt-key=005056B0331B1ED782E9179F94E28613
o   Science:
    https://science.sciencemag.org/
o   Taylor &Francis:
    https://taylorandfrancis.com/coronavirus/
o   The New England Journal of Medicine. COVID-19 collection:
    https://www.nejm.org/coronavirusexternal
o   Thomson Reuters:
    https://www.thomsonreuters.com/en/resources/covid-19.html
o   Willey Online Library:
    https://novel-coronavirus.onlinelibrary.wiley.com/

- **Trabajos colaborativos e investigativos de asocio multi-institucional y multi-países:**

  - Clinical Trials:
    https://www.clinicaltrials.gov/ct2/show/NCT04321616?titles=SOLIDARITY&draw=2
  - DNDIAL:
    https://www.dndial.org/es/2020/comunicacion-e-informacion/es-press-releases/se-lanza-una-coalicion-para-acelerar-las-investigaciones-sobre-prevencion-y-tratamiento-de-covid-19-en-paises-de-medianos-y-bajos-ingresos-2/
  - RD-Alliance:
    https://www.rd-alliance.org/groups/rda-covid19

- **Recursos de aprendizaje/enseñanza:**

  - A Snapshot of Higher Education's Response to the COVID-19 Pandemic:
    https://docs.google.com/document/d/1JG5rJmOOTwNhPKWPmBZLXtnU5trS4X8ZyABJRLGNgzM/edit?fbclid=IwAR2TauoJW-odH40QkdNAzSX5QBhhtKYo-i0OtZES6hOxdXL0-aV-3i5r480
  - Covid-19. The good news map:
    https://covid.mehdibaha.com/en
  - How professors changed their teaching in this spring's shift to remote learning | Inside Higher Ed:
    https://www.insidehighered.com/digital-learning/article/2020/04/22/how-professors-changed-their-teaching-springs-shift-remote?utm_source=Inside+Higher+Ed&utm_campaign=0230b331df-WNU_COPY_01&utm_medium=email&utm_term=0_1fcbc04421-0230b331df-236389898&mc_cid=0230b331df&mc_eid=1ad0d983d8
  - Infographics:
    https://embed.widencdn.net/pdf/plus/cengage/1yhakzkaya/higher-educations-response-to-covid19-infographic-1369680.pdf/?utm_campaign=in_movetoonline_dg_fy2021&&utm_content=1373605
  - Survey:
    http://onlinelearningsurvey.com/covid.html
  - The Covid Tracking Project:
    https://covidtracking.com/
  - The News Beyond The COVID Numbers:

https://www.npr.org/2020/04/21/840609912/the-news-beyond-the-covid-numbers

- **Twitter y COVID-19**

  o A Twitter Dataset. 150+ million tweets related to COVID-19 for open research (Version 4.0): http://doi.org/10.5281/zenodo.3738018 - https://github.com/thepanacealab/covid19_twitter
  o COVID-19: The First Public Coronavirus Twitter Dataset. https://arxiv.org/abs/2003.07372 - https://github.com/echen102/COVID-19-TweetIDs
  o Coronavirus Tweet Ids.Harvard Dataverse, V2. https://doi.org/10.7910/DVN/LW0BTB
  o Corona Virus (COVID-19). Tweets Dataset. IEEE Dataport, 2020 http://dx.doi.org/10.21227/781w-ef42 - https://ieee-dataport.org/open-access/corona-virus-covid-19-tweets-dataset
  o Documenting the Now updated Catalogue: https://catalog.docnow.io/
  o How did Twitter react to the coronavirus pandemic: https://towardsdatascience.com/how-did-twitter-react-to-the-coronavirus-pandemic-2857592b449a