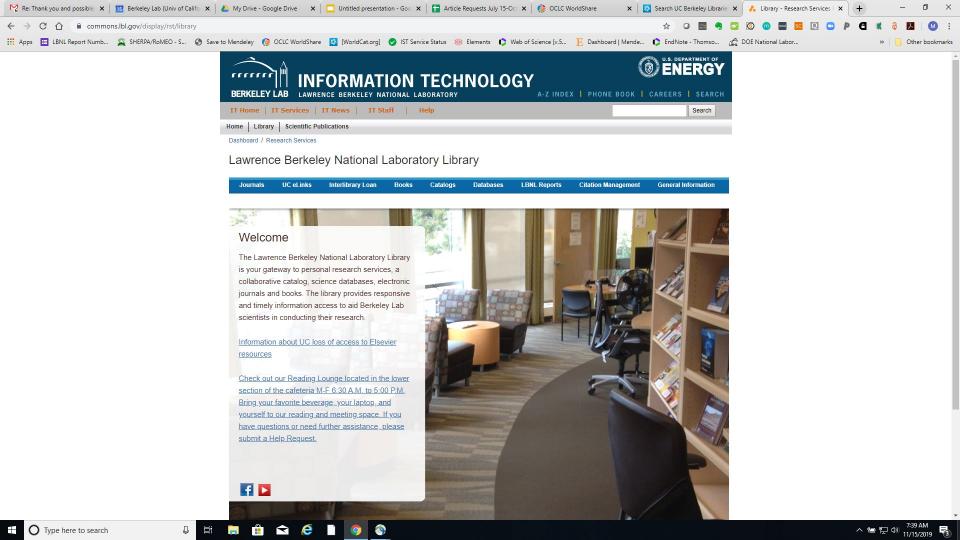
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- Search <u>Databases</u> and use <u>UCeLinks</u> to find and request a journal article.
- Search Melvyl if LBNL doesn't have the journal you're looking for and then request the article. (If you see only article records displayed for your journal, click on a record and a link to the journal may be available on the resulting screen.)
- 🕜 Ask an LBNL reference librarian for assistance by visiting the Reading Lounge or submitting a Help Request. If you do not have a LBNL email address, please send your request to library@lbl.gov.

# More information about finding electronic and paper journal articles.

Off-site Access

## · VPN (Virtual Private Networking) Client

A VPN is a network built for the private use of a particular institution over the shared public infrastructure. VPNs work by establishing secure "tunnels" for the transfer of information. Because the data which passes through such tunnels is encrypted, it is protected from unauthorized access. Additionally, the VPN tunnel end-points (aka peers) authenticate with each other to prevent identity spoofing, and verify all received data to ensure that it has not been altered during transmission.

LBNL uses VPN technology to provide secure connections for remote access users. Because LBL-VPN users are assigned an IP address in the lbl.gov domain, they can access Laboratory resources as if they were on-site.

LBL-VPN is a software-based VPN service. Employees wishing to use LBL-VPN must install VPN client software on their computer(s). The software is available, free of charge, from https://software.lbl.gov.

## Proxy Server

The proxy server provides off-campus/lbl access to electronic resources licensed by the LBNL Library. These include article databases, e-journals, e-books, encyclopedias, dictionaries, numeric data, and other premium online resources.

When you visit a restricted (proxied) site (like Web of Science) or others noted in the LBNL Library Database Listings; you will be redirected first to login via Our Berkeley Lab Single Sign On, then to the site where you had intended to go. In order to do this, you will have to modify your browser to point to the proxy server. Note: the use of this "proxy" is only needed if you are not connected to the LBNL network (visitors wireless, home, travel destinations all need this setting to work)

Click on this link to get instructions to modify your browser.

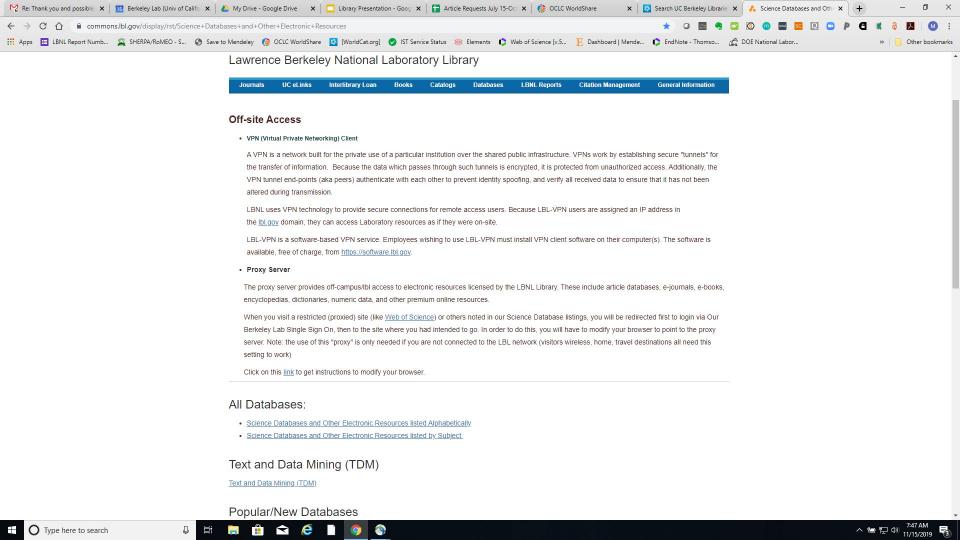














# Popular/New Databases

- Cambridge Structural Database (WebCSD) records bibliographic, chemical and crystallographic information for organic molecules and metal-organic compounds whose 3D structures have been determined using X-ray and/or neutron diffraction.
- . Oxford Research Encyclopedia of Climate Science: The ORE of Climate Science is a dynamic, scholarly, and up-to-date reference work. It covers physical sciences, social sciences, and policy approaches to the study of climate.
- Google Dataset Search (Beta): Dataset Search lets you find datasets wherever they're hosted, whether it's a publisher's site, a digital library, or an author's personal web page.
- SpectraBase: With hundreds of thousands of free spectra available. Bio-Rad's SpectraBase is an excellent resource for those wanting to look up NMR. IR. Raman. UV-Vis. and mass spectra by chemical name, synonym, CAS Registry Number, or InChlKey. Users can zoom in on the spectra and upload and overlay their own spectrum for comparison.
- . govinfo: The Government Publishing Office (GPO) provides free public access to official publications from all three branches of the Federal Government. n addition to providing an advanced, metadata-powered search experience, govinfo also includes a content management system and a standards-compliant preservation repository.
- Reaxys is recommended for obtaining checked physico-chemical data and preparation/reaction methods for pure compounds, and especially for its nearcomprehensive coverage of pre-1960 organic literature. Contains literature references in Beilstein and Gmelin going back to the 18th century. Reaxys is updated monthly.
- ChemRriv™Beta: ChemRxiv, a new chemistry preprint server for the global chemistry community, is now available in a fully functioning Beta version for use and feedback by researchers. The Beta launch has been undertaken with initial strategic input from the American Chemical Society (ACS), Royal Society of Chemistry, German Chemical Society and other not-for profit organizations, as well as other scientific publishers and preprint services. The free-of-charge service is managed on behalf of the chemical science community by ACS and is powered by Figshare, an online digital repository for academic research. Harnessing Figshare's new preprint capabilities, ChemRxiv will facilitate the rapid and open dissemination of important scientific findings
- Wiley Spectra Lab: NMR collection: A unique analytical platform that helps chemists identify unknown compounds from spectroscopic data, supporting GC-MS, FT-IR, Raman, ATR-IR, UV-Vis, and C-NMR, H-NMR, and X-NMR spectroscopies. (Trial through April 2019.)
- BioCyc is a comprehensive resource for data on genes, metabolites, and metabolic pathways for more than 7,600 microbes and other species. BioCyc provides access to data in over 9,000 individual databases, and also provides a comprehensive set of informatics tools for data query, visualization and analysis
- SciVal: SciVal is a set of integrated modules that enables your institution to make evidence-based strategic decisions. (You will need to register to access the database.)
- . Scopus: Scopus is the largest abstract and citation database of peer-reviewed literature. (1960 present)
- bioRxiv: A free online archive and distribution service for unpublished preprints in the life sciences operated by Cold Spring Harbor Laboratory
- . Web of Science: indexes most science journals (1900 present). To learn more, see Tutorials
- INSPEC (Engineering Village): Engineering and Materials Science (1898 present). Note access problem: To access, do not use the Elsevier login option on the left. Use the Institutional Login in the right hand column. Do a search for "Lawrence Berkeley" which should bring up "Lawrence Berkeley National Laboratory". Click that title and you should be taken to Engineering Village.
- · JCR (Journal Citation Reports): measures research influence and impact at the journal and category levels, and shows the relationship between citing and cited journals.







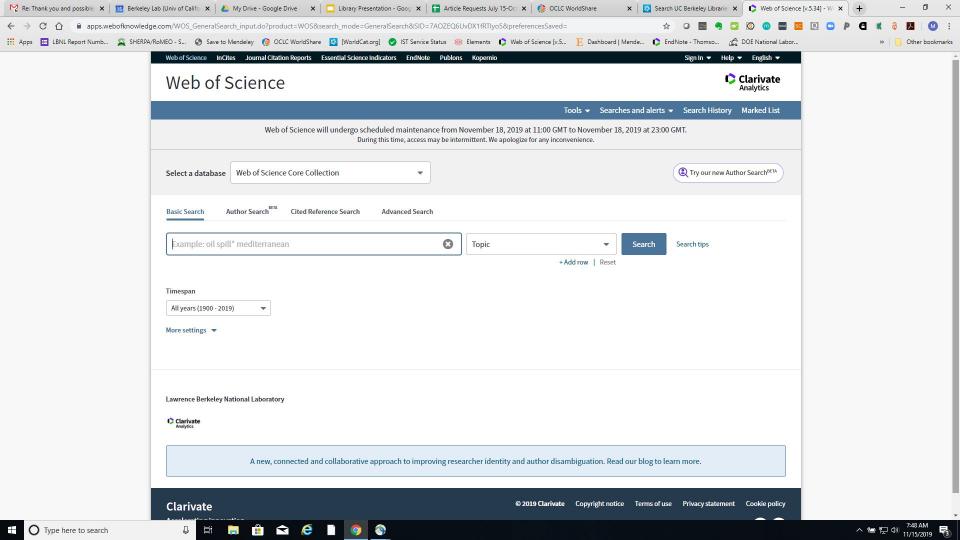


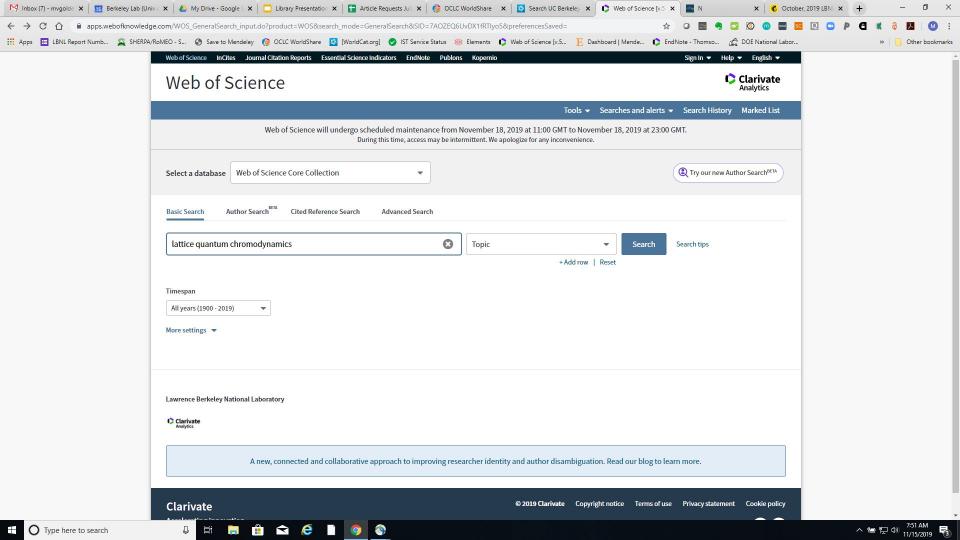


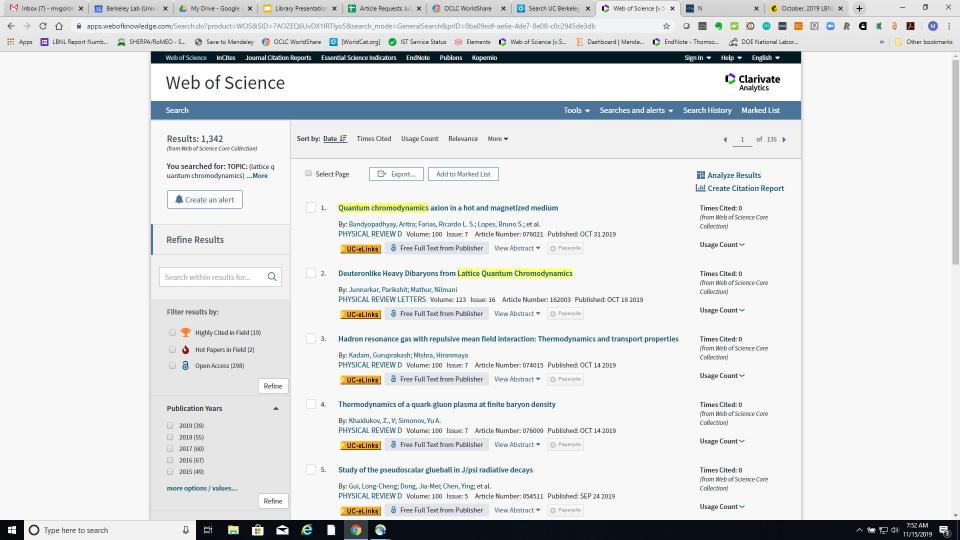


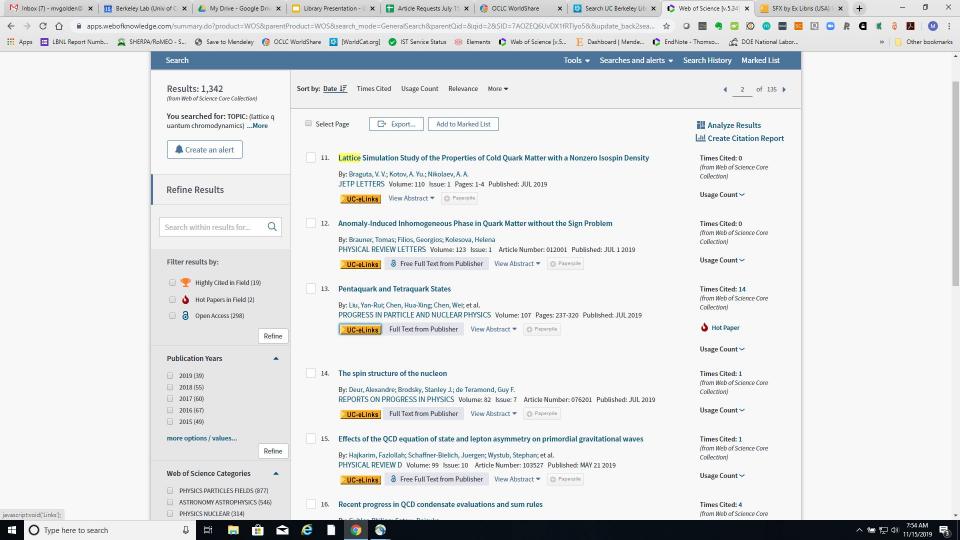


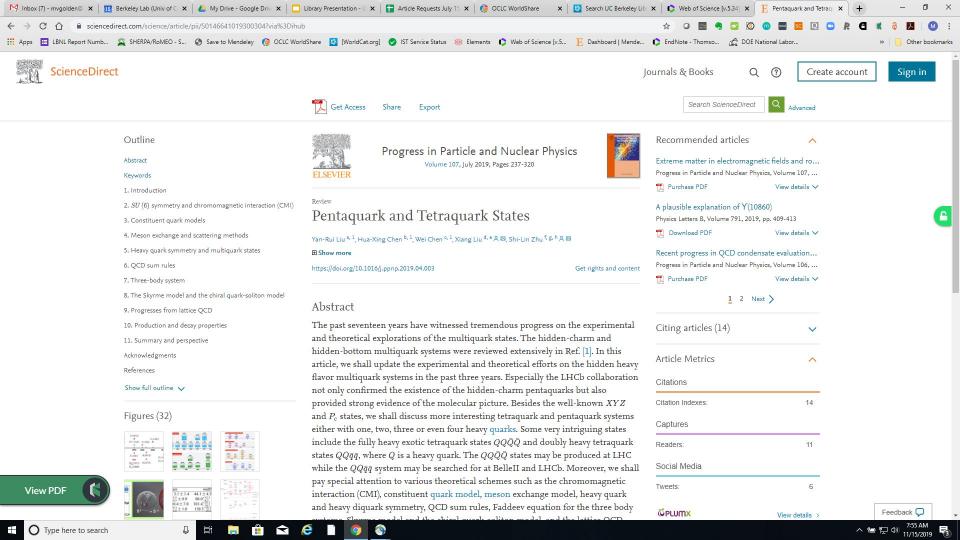


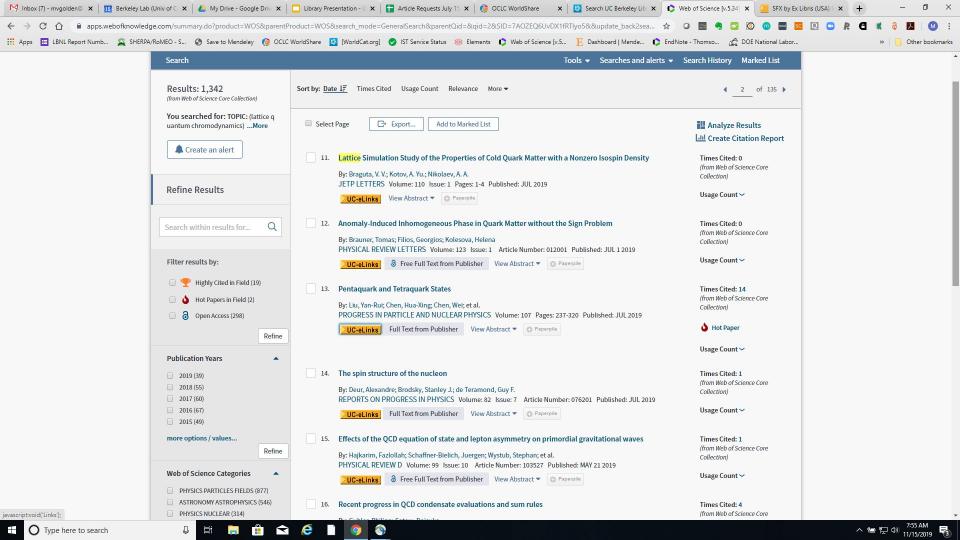














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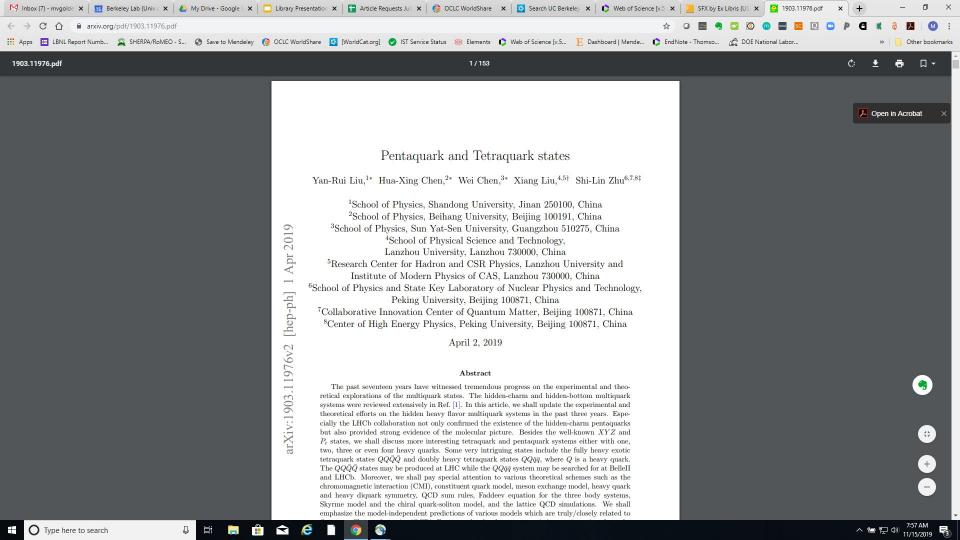














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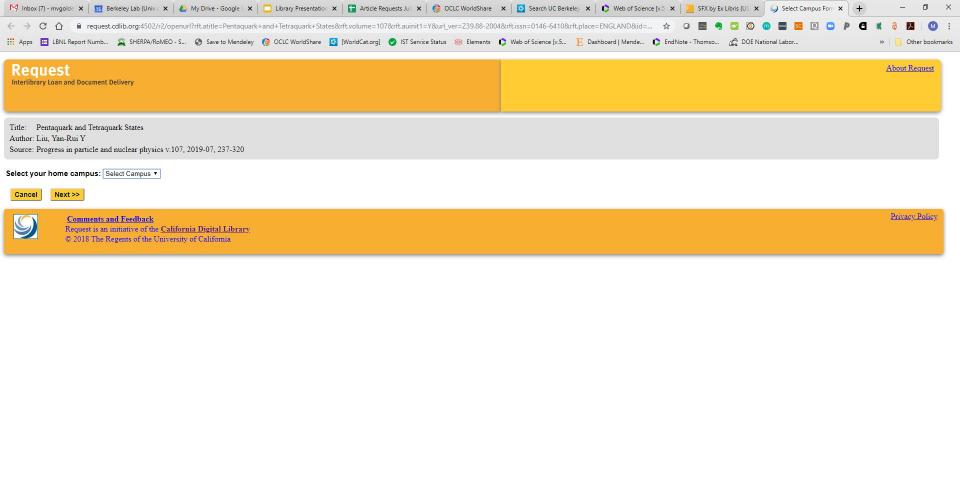


















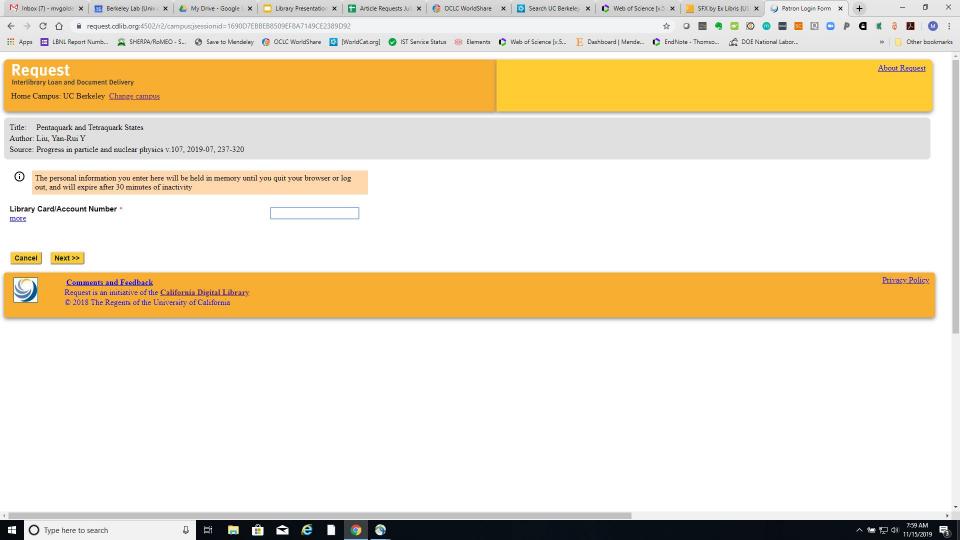


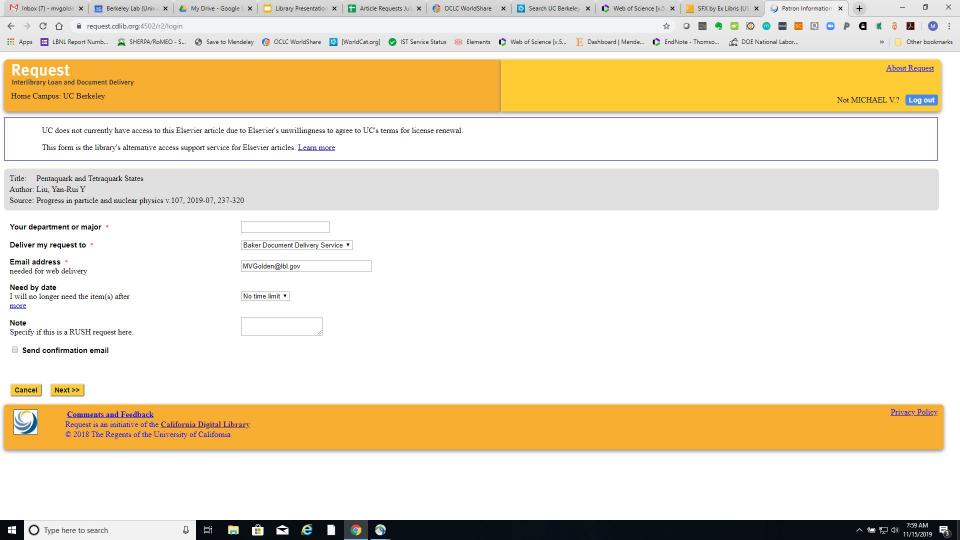


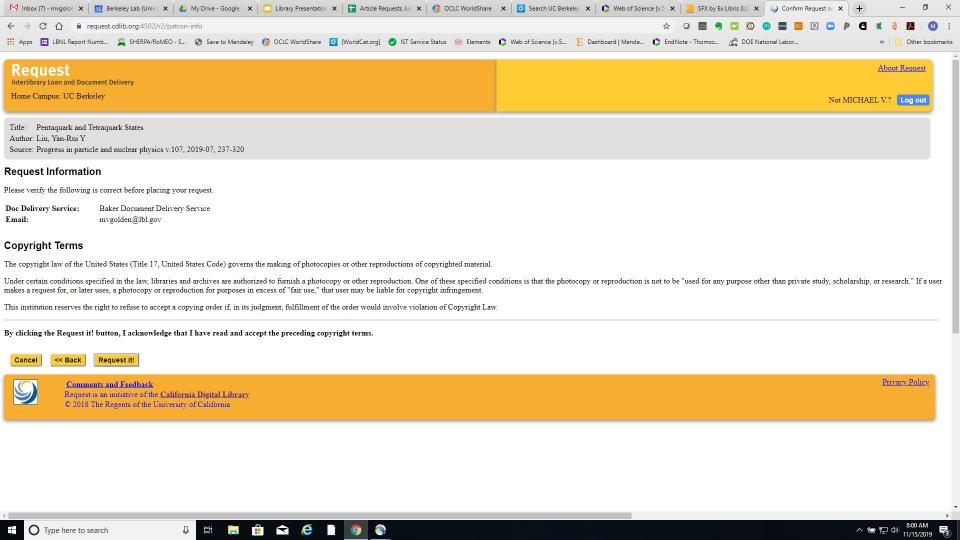












# Diversity, Equity, and Inclusion titles being added to LBNL Library collection:

- Belonging at Work
- Women Scientists
- Transgender Employees in the Workplace
- Communicating as Women in STEM
- Transgender 101
- What Works for Women at Work
- Allies at Work

- Brian McNaught's Guide to LGBTQ Issues in the Work Place
- Claiming the B in LGBT
- Inclusive Leadership
- The Diversity Bonus: How Great Teams Pay Off in the Knowledge Economy
- Women Scientists:
  Reflections, Challenges, and
  Breaking Boundaries

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