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```
function initSelector(element){ $(' .skiptocontent').removeAttr("href"); $( element ).parent().before( "" );
window.location.hash = '#top'; $(window).scrollTop($("#top").offset().top-100);
window.location.hash=""; } $('#skiptocontent').keydown(function (e) { var code; try { code =
(window.event) ? window.event.keyCode : event.which; } catch(err) { code = e.keyCode || e.which; }
//click Enter if(code == 13){ var mainPageld=$("#main-page-content").text(); if(mainPageld){
initSelector('#main-page-content'); }else{ var firstH1=$('#h1:first').text(); if(firstH1){
initSelector('h1:first'); }else{ $('#skiptocontent').css('display','none'); } } } });
```

showDfpAd(0)

\$(document).on("ready", sageQuickSearch.init('chpc'));

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```
$(document).on("ready", sageQuickSearch.init('chpc'));
```

[Advanced](#)

Sign In

National Science Library

Society

```
addClass('enhancedLoginPanel', 'doNotShow'); function initLoginBox() { if (hasPersonIdentity())  
$$('#profileContainerMobile img.loggedInArrow').show(); else { $$('#profileContainerMobile  
img.loggedInArrow').hide(); //$$('#myprofile-label').text("Sign In"); }; $$('#portalLoginBar .sage-login-  
widget').attr('tabindex', '0'); $$('#sage-login-widget img.user-logo').each(function(){  
//console.log($(this).attr('src')); if($(this).attr('src').indexOf('templates')===-1)
```

```
$(this).addClass('bannerImage'); else $(this).removeClass('bannerImage'); }); initMyProfileInfo();  
initInstitutionInfo(); initSocietyInfo(); if (inPbEditorMode()) $('sage-login-widget').attr('onclick',  
'toggleLoginPopup(true);return false;'); if (isIE()) { $("img.user-logo").each(function () { let imgUrl =  
$(this).prop("src"); if (imgUrl) { $(this).css("backgroundImage", 'url(' + imgUrl + ')').addClass("ie-object-  
fit"); $(this).prop("src", ""); } }); } }
```

Access Options

You can be signed in via any or all of the methods shown below at the same time.

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Password (required)
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I am signed in as:

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```
function initMyProfileInfo() { $('<div id=person-activated>img.user-logo').attr('title', 'You are signed in via
your profile'); $('<div id=person-deactivated>img.user-logo').attr('title', 'You are not signed in via your
profile'); $('#frmLogin br').hide(); $('#user-login-form #passwordReminder').insertBefore('#user-login-
form #frmLogin tr:last-child'); $('
Set new password
').appendTo('#user-login-form #passwordReminder'); $('#ru-user').attr('href',
'/action/doLogout?redirectUri='+window.location.href); $('#user-login-form .loginForm
label[for="password"]').append(':'); if (hasPersonIdentity()) { $('#user-info').show(); $('#user-login-
form').hide(); } else { $('#user-info').hide(); $('#user-login-form').show(); } let $user=$('#portalLoginBar
.my-profile-col.id-person-activated'); if ($user && $user.attr('name') && $user.attr('name').length>0) {
$('
'+$user.attr('name')+
').appendTo('#user-name'); } }
```

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[Open Athens](#)

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```
function setInstitutionLoginStatus() { let samlExists=($('.access-via-saml').length)>0; let  
appendTag=""; if (samlExists) { appendTag+='
```

Signed in via: **a federated identity**

```
'; } else { appendTag+='
```

Sign in via: [Shibboleth](#)

```
'; appendTag+='
```

Sign in via: [Open Athens](#)

```
'; } $('#inst-login-status').append(appendTag); } function setRedirectUrl() { let currentUrl =  
window.location.pathname; $('.Shibboleth').attr("href", $('.Shibboleth').attr('href') + currentUrl);  
$('.OpenAthens').attr("href", $('.OpenAthens').attr('href') + currentUrl); } function initInstitutionInfo() {  
setInstitutionLoginStatus(); setRedirectUrl(); if ($('#id-institution-activated>img.user-  
logo').attr('title')===undefined) $('#id-institution-activated>img.user-logo').attr('title', 'You are signed in
```

via your institution'); \$('#.id-institution-deactivated>img.user-logo').attr('title', 'You are not signed in via an institution'); \$('#institution-info .portalInstitutionalButton').after('

my institutional subscription

```
'); //if ($('#institution-info .portalInstitutionalButton a').length) $('#institution-info .portalInstitutionalButton a').text(); if (hasInstitutionIdentity()) { $('#institution-info').show(); $('#institution-login-form').hide(); } else { $('#institution-info').hide(); $('#institution-login-form').show(); } }
```

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- View or download all content the institution has subscribed to.

Society

If you have access to journal via a society or associations, read the instructions below

Members of _ can log in with their society credentials below

Username (required)

Password (required)

Society (required)

Access to society journal content varies across our titles.

If you have access to a journal via a society or association membership, please browse to your society journal, select an article to view, and follow the instructions in this box.

Contact us if you experience any difficulty logging in.

Some society journals require you to create a personal profile, then activate your society account

[Activate my Society Account](#)

I am signed in via:

```
function getYmCount() { let rv=0; try{ rv=Number("0"); if (isNaN(rv)) rv=0; } catch (e) {} return rv; }  
function getSocietyJournals(index) { let rv=""; try { switch (index) { case 1:rv=""; break; case 2:rv="";  
break; case 3:rv=""; break; case 4:rv=""; break; case 5:rv=""; break; default:break; } } catch (e) {}  
return rv; }
```

```
$('#ru-society').attr('href', '/action/doLogout?redirectUri='+window.location.href); function  
restyleJournalAd(){ if ($('#society-login-form .literatumAd').length!==0) { $('#society-login-form  
#society-info-text, #society-login-form .topSeparator').hide(); } } function initSocietyInfo() { if ($('#.id-  
society-activated>img.user-logo').attr('title')===undefined) $('#.id-society-activated>img.user-  
logo').attr('alt', 'You are signed in via your society'); $('#.id-society-deactivated>img.user-  
logo').attr('title', 'You are not signed in via a society'); $('#society-info .portallnsitutionalButton').after('
```

my society or association

```
'); if (hasSocietyIdentity()){ $('#society-info').show(); $('#society-login-form').hide(); } else {  
restyleJournalAd(); $('#society-info').hide(); $('#society-login-form').show(); } } function  
getYmSocietyIndex(){ let count = getYmCount() || 0; let currentJournal = "chp"; if  
(currentJournal.length!==0 && count>0) { console.log("Looking through "+count+" societies for journal  
code: "+currentJournal); for (i=0; i
```

—

—

```
if ('0.4822.7201.098CiteScoreSCImago Journal Rank (SJR)151563'.trim().length>0)
$('.impactFactorContainer').removeClass('not-show-important'); if ($("#impact-factor-container") &&
$("#impact-factor-container").size(>0) $("#showAllSocietiesBtn").addClass("ifBorder"); switch
($('#showNoFoldedSocietyLogos .societyImageLink').size()) { case 2:
$('#showNoFoldedSocietyLogos').addClass('two-logos'); break; case 1:
$('#showNoFoldedSocietyLogos').addClass('one-logo'); break; case 0: default: break; } function
resizeHeaderFont() { var headerTitleElement = document.getElementById('headerTitle'); if
(headerTitleElement) { var fontsize = 32; if (" && "FALSE"=="TRUE") fontsize=28;
$('#headerTitle').css('font-size', fontsize+"px"); /*Max font size, then reduce from there*/
$('#headerTitle h1').css('font-size', fontsize+"px"); /*Max font size, then reduce from there - journal
home only*/ var headerTitleSize = headerTitleElement.getBoundingClientRect(); var textHeight =
headerTitleSize.height; var textWidth = headerTitleSize.width; var containerElement =
document.getElementById('headerTitleContainer'); var containerSize =
containerElement.getBoundingClientRect(); var containerHeight = containerSize.height; var
containerWidth = containerSize.width; var fontstring = ""; while (textHeight > containerHeight) {
fontsize--; fontstring = fontsize.toString(); fontstring = fontstring + "px"; $('#headerTitle').css('font-size',
fontstring); $('#headerTitle h1').css('font-size', fontstring); headerTitleSize =
headerTitleElement.getBoundingClientRect(); textHeight = headerTitleSize.height; textWidth =
headerTitleSize.width; } } }; resizeHeaderFont(); $(window).resize(function() { resizeHeaderFont(); });
```

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```
function offset(el) { let rect = el.getBoundingClientRect(), scrollLeft = window.pageXOffset ||
document.documentElement.scrollLeft, scrollTop = window.pageYOffset ||
document.documentElement.scrollTop; return { top: rect.top + scrollTop, left: rect.left + scrollLeft,
bottom: rect.bottom + scrollTop, right: rect.right + scrollLeft } } window.addEventListener("scroll",
function() { let y = window.pageYOffset; let $quickSearchId = $("#journalQuickSearch").parent(); if (y
>= offset(document.getElementById("portalQuickSearch")).bottom) {
$quickSearchId.removeClass("doNotShow"); } else { $quickSearchId.addClass("doNotShow"); } });
```

```
$(document).on("ready", sageQuickSearch.init('chpc'));
```

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function(data) { $(".cookiePolicy").remove(); }); });
```

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_ $(document).ready(function() { if( $('#openAccessSideMenu .showFullText').size() == 0) ||  
(isDesktop() && $('#openAccessSideMenu').find('.noAccess').size() !=0) ) {  
$('#mobileContents').closest('.general-html-asset').addClass('hide');  
$('.mobileToolLink').addClass('double-button'); } });
```

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var script = document.createElement('script'); script.type='text/javascript';
script.src='//s7.addthis.com/js/250/addthis_widget.js#pubid=xa-4faab26f2cff13a7'; script.async = true;
$('head').append(script)
```

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$(document).ready(function () { if ($(".articleTools .rightsLink").length) {  
$(".permissionsToolContainer").css("display", "inherit"); } });
```

```
$('#div.articleToolsLinks').insertBefore('li.RelatedArticles'); $('#div.pdf-no-access a').removeAttr('href');  
$('#copyToClipboard').attr('data-item-name', 'copy-citation'); $('#articleCitationDownloadContainer,  
#articleShareContainer, #articlePermissionsContainer').click(function () { articleToolsToggle(); });  
$(".popup-dialog").on("click", function(event){ event.stopPropagation(); }); $('#  
').insertAfter('#copyToClipboard'); trapKeys('.popup-dialog', '.articleToolPanelClose');
```

—

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```
function addFlashMovie(id, flv) { var flashvars = {file: flv ,type: 'flv'}; var params = {allowfullscreen :true}; var attributes = {}; swfobject.embedSWF('/flvplayer.swf', id, "352", "288", "7.0.0", false, flashvars, params, attributes); } function addFlashMovie(id, flv, image) { var flashvars = {file: flv ,type: 'flv', image: image}; var params = {allowfullscreen :true}; var attributes = {}; swfobject.embedSWF('/flvplayer.swf', id, "352", "288", "7.0.0", false, flashvars, params, attributes); }
```

The Role of Vitamin D in Human Health: A Paradigm Shift

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```
/* * Check the number of Author's * if less than '3' we not display expandable-author * */ var  
numItems = $(' .contribDegrees').length; if(numItems
```

Keywords [vitamin D](#), [cancer](#), [respiratory infections](#), [cardiovascular disease](#), [osteoporosis](#)

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href=window.location.origin;
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\$('.logOut').attr("href", "/action/doLogout?redirectUri="+href);

let \$user=\$('#portalLoginBar .my-profile-col.id-person-activated'); if (\$user && \$user.attr('name') &&
\$user.attr('name').length>0) \$('<u>+\$user.attr('name')+</u>').appendTo('#denial-welcome
span.individualUser');

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```
document.getElementById("denial-2-cn").style.display = "block";
document.getElementById("denial-2").style.display = "none";
```

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```
if ($('#span.institutionBannerText').length===0) { if ($('#img#accessLogo').length===0) { $('#denial-
institution').hide(); } else { var altText = $('#.welcome span.institutionBannerLogo img').attr("alt"); var
hrefText = $('#.welcome span.institutionBannerLogo a').attr("href"); console.log(altText+'-'+hrefText); if
(!altText || altText.length===0) $('#.welcome span.institutionBannerLogo').clone().prependTo('#denial-
institution div.error:first'); else { if (!hrefText || hrefText.length===0) $('#denial-institution
div.error:first').prepend("+altText+"); else $('#denial-institution div.error:first').prepend("+altText+"); } }
}
```

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```
$('.addOffer input[name="backUri"]').val(window.location.pathname); $(document).ready(function() {  
var ppvOffers=0; var articleTitle="The Role of Vitamin D in Human Health: A Paradigm Shift";  
$('.ecommDenial #ecommerceForm>div').each(function(){ try{ let  
offerText=$($(this).find('b')[0]).text().trim().toLowerCase(); let  
offerId=$($(this).find('input[name="offerId"]')[0]).val(); let offerValue=" for "; if (offerText.length>Show  
details
```

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Here we keep the JS functions that use context sensitive parameters, since these are not working outside HTML assets (e.g. in js files) function removeTlaFromTaxonomyFacet() { //SAGE-2005

```
"li.ConceptID.parentFacets").each(function(){ let $link = $(this).find(".facet-link-container a"); if
$link.length) { if ($link[0].innerHTML.toLowerCase().trim() === "chp".toLowerCase()) { $(this).css("display",
"none"); // hide this //console.log("Removed TLA code from taxonomy filter"); if
(this).parents(".hiddenChildrenFacets").length) { // If TLA code found in hidden facets, change the More(n)
xt to More(n-1) $(this).parents("div.facetContainer").find("div.toggleMoreFacets a.facet-
k").each(function(){ if (this.innerHTML.toLowerCase().indexOf("more (") !== -1) { let moreNumber =
s.innerHTML.match(/\d+/)[0]; if (moreNumber > 1) $(this).text($(this).text().replace(moreNumber,
oreNumber - 1)); else // if only one was hidden, no need to expand $(this).parent().css("display", "none"); }
} } }); } function cpTitlesDates() { if ('cpv'==='cp' || 'cpv'==='cpv') { $('pubDate-left').addClass('not-show-
```

```
portant'); } } function deniedPdfAccess() { if ($('#accessOptionsTop').length > 0) { // clicked on page with
ccess denial bar toggleDenialBar(); $('#accessOptionsTop input#login').focus(); } else { // no access denial
r window.location = '/doi/pdf/10.1177/1533210110392952'; } } function accesibilityImageAltText() {
.moreFromThisJournalModules img').each(function(){ if ($(this).attr('alt')===undefined) $(this).attr('alt', '');
$('#portalResourcesContainer img, .tellUsImage img').attr('alt', '');
.relatedJournalsTextContainer').each(function(){ let $journalText = $(this);
ournalText.closest('.relatedJournalsColumn>a').append($journalText.text()); $journalText.remove(); });
.relatedJournalsImageContainer img').each(function(){ let $coverImage = $(this); let $parent =
this).parent(); $coverImage.addClass('relatedJournalsImageContainer');
coverImage.prependTo($coverImage.closest('.relatedJournalsColumn>a')); $parent.remove(); });
td.savedSearch.savedResult:nth-child(4) img').attr('alt', function() { return $(this).attr('alt').replace('alert
oe', 'saved date'); }) $('#td.savedSearch.savedResult:nth-child(5) img').attr('alt', function() { return
this).attr('alt').replace('alert type', 'last run date'); }) } ///// run these before document finished loading /////
SAGE-1878 //if ($('#.more-than').offset().left 0) $('#.pb-ui .accessOptionsBar').css('display', 'block'); else $('#.pb-
.accessOptionsBar').hide(); if ($('#span.related-Article-wrapper span').length===0) $('#span.related-Article-
apper').hide(); cpTitlesDates(); // Add data module attributes in related journals HTML widget
.otherSociety").attr("data-module-name", "related-journals"); $(".otherSocietyButton
viewMoreText").attr("data-item-name", "view-more"); $(".otherSocietyButton #viewLessText").attr("data-item-
me", "view-fewer"); $(".otherSocietyButton #viewFewerText").attr("data-item-name", "view-fewer"); // Add a
parator before issue //$('#.mostReadCited .contentItemIssue').text(function () { // if ($(this).text().trim().length
0 && $(this).text().trim().indexOf('-')!=0) // return '- '+$(this).text(); //}); //Move related asticles indication into
oper place: $('#span.related-Article-wrapper').insertAfter('div.articleInformation'); $('#.related-article-
e').text(function() { return $(this).text().replace(/\s*/, ' '); }); $('#.online-pub-date').text(function() { return
this).text().replace(/-/g, ' '); }); $('#.contentItemVol').text(function() { return $(this).text().replace('Vol 0,',
replace('Vol.', 'Vol ').replace(/\s*/, ' '); }); $('#.issueFormat').text(function() { return
this).text().replace('issue', 'Issue').replace('vol.', 'Vol').replace(/\s*/, ' '); }); //Remove trailing dot from
deleteAccountLink $('#a.deleteAccountLink').text('Delete your account'); //Remove trailing dot from
deleteAccountLink $('#a#copyToClipboard').text('Copy to Clipboard'); // Rename "Views" to "Views and
wnloads" $('#.view-count').text(function() { if (inJournalScope()) return $(this).text().replace('Views:', 'Views
downloads:'); else return $(this).text(); }); // Keep only anchor element if already in citedBy page if ($('#.view-
-citedBy a').attr('href') === window.location.pathname) $('#.view-all-citedBy a').attr('href', ''); // Add #top-
ntent-scroll on 'View All' citedBy link $('#.view-all-citedBy a').attr('href', $('#.view-all-citedBy a').attr('href') +
op-content-scroll'); // Change MR/MC panel text $('#mostReadCitedPage .online-pub-date').text(function()
return $(this).text().replace("Online publication date", "First published"); }); //Wait for images to load, before
ciding whteher to move the related journals $('#journalHomeFourRight').imagesLoaded().always(function(){
oveRelatedJournals(); //console.log('Ad(right) image is loaded'); }); // Fix for 'more...' label falling into 2nd
e if ($('#.authors .more-than').length && $('#.authors .more-than').offset().left 1)
input[name=AllField]').autocomplete('close'); } catch(e) {} }); //console.log('Journal: Journal of Evidence-
ased Integrative Medicine, Issue: , Article: The Role of Vitamin D in Human Health: A Paradigm Shift');
```

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```
op var dataLayer = dataLayer || []; dataLayer.push({"site":{"environment":"live","platform":"responsive-
eb"},"page":{"title":"The Role of Vitamin D in Human Health: A Paradigm Shift: Journal of Evidence-Based
omplementary & Alternative Medicine: Vol 16, No 1","type":"article/chapter-view"},"user":{"action":"showAbs
act","id":596906660,"type":[],"loginStatus":false,"authentication":false,"subscriptions":[],"institution":["Nationa
Science Library"]},"product":{"type":"article","format":"electronic","journal":{"name":"Journal of Evidence-
ased Integrative Medicine","tla":"CHP","category":[],"subCategory":[],"open_access":"false","e_issn":"2515-
00X","p_issn":"2515-690X","issue":{"volume":"16","number":"1","article":{"doi":"10.1177/1533210110392952
title":"The Role of Vitamin D in Human Health: A Paradigm Shift"}}}}});
unction(w,d,s,l,i){w[l]=w[l]||[];w[l].push({'gtm.start':new Date().getTime(),event:'gtm.js'});var f=d.getElements
/TagName(s)[0],j=d.createElement(s),dl=!l!='dataLayer'?"&l="+l:"";j.async=true;j.src='https://www.googletagm
ager.com/gtm.js?id='+i+dl;f.parentNode.insertBefore(j,f);})(window,document,'script','dataLayer','GTM-5M5
KS');
```
