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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.

My Profile

Sign in here to access free tools such as favourites and alerts, or to access personal subscriptions

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Password (required)
Remember me

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I don't have a profile

[Create Profile](#)

I am signed in as:

[View My Account](#)

[Logout](#)

```
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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Institution

If you have access to journal content via a university, library or employer, sign in here

[Shibboleth](#)

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National Science Library

```
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(); } }
```

With institutional access I can:

- 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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```
$("#accept-cookie-policy").click(function() { $.get('/action/cookiePolicy?response=accept',  
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); }
```

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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

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```
var href = window.location; if (window.location.href.indexOf('verifyEmail')!=-1)
href=window.location.origin;
//document.getElementById('returnLink').href="/action/doLogout?redirectUri="+href;
$('.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) $('"+$user.attr('name')+").appendTo('#denial-welcome
span.individualUser');
```

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

Institutional Access

does not have access to this content.

```
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="Vitamin C: Overview and Update"; $('.ecommerceFormDenial  
#ecommerceForm>div').each(function(){ try{ let  
offerText=$($(this).find('b')[0]).text().trim().toLowerCase(); let  
offerId=$($(this).find('input[name="offerId"]')[0]).val(); let offerValue=" for "; if (offerText.length>Show  
details
```

[Variation of ascorbic acid concentration in fruits of cultivated and w... Crossref Show details](#)

[Integrated bioinformatics to decipher the ascorbic acid metabolic netw... Crossref Show details](#)

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)
to More(n-1) $(this).parents("div.facetContainer").find("div.toggleMoreFacets a.facet-
link").each(function(){ if (this.innerHTML.toLowerCase().indexOf("more (") !== -1) { let moreNumber =
this.innerHTML.match(/\d+/)[0]; if (moreNumber > 1) $(this).text($(this).text().replace(moreNumber,
moreNumber - 1)); else // if only one was hidden, no need to expand $(this).parent().css("display", "none"); }
} } } }); } function cpTitlesDates() { if ('cpv'==='cp' || 'cpv'==='cpv') { $(' .pubDate-left').addClass('not-show-
important'); } } function deniedPdfAccess() { if ($('#accessOptionsTop').length > 0) { // clicked on page with
access denial bar toggleDenialBar(); $('#accessOptionsTop input#login').focus(); } else { // no access denial
bar window.location = '/doi/pdf/10.1177/1533210110392951'; } } 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);
$journalText.closest('.relatedJournalsColumn>a').append($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
type', '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 //run
```

```
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-  
wrapper').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-  
name", "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 asrticles 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  
downloads" $(' .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-  
content-scroll on 'View All' citedBy link $(' .view-all-citedBy a').attr('href', $(' .view-all-citedBy a').attr('href') +  
top-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  
deciding 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: Vitamin C: Overview and Update');
```

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Journal of Evidence-Based Integrative Medicine

ISSN: 2515-690X

Online ISSN: 2515-690X

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```
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web"},"page":{"title":"Vitamin C: Overview and Update: Journal of Evidence-Based Complementary &  
Alternative Medicine: Vol 16, No 1","type":"article/chapter-view"},"user":{"action":"showAbstract","id":5969064  
},"type":[],"loginStatus":false,"authentication":false,"subscriptions":[],"institution":["National Science  
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Integrative Medicine","tla":"CHP","category":[],"subCategory":[],"open_access":"false","e_issn":"2515-690X","  
issn":"2515-690X"},"issue":{"volume":"16","number":"1","article":{"doi":"10.1177/1533210110392951","title":
```

```
itamin C: Overview and Update"}}}}); (function(w,d,s,l,i){w[l]=w[l]||[];w[l].push({'gtm.start':new
ate().getTime(),event:'gtm.js'});var f=d.getElementsByTagName(s)[0],j=d.createElement(s),dl=l!='dataLayer'
&l='+l:'';j.async=true;j.src='https://www.googletagmanager.com/gtm.js?id='+i+dl;f.parentNode.insertBefore(j,
})(window,document,'script','dataLayer','GTM-5M58KS');
```