



# Kopernio

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تهیه و تنظیم

مژگان زارعی ونوول

ارشد کتابداری و اطلاع‌رسانی پزشکی

مدیریت اطلاع‌رسانی پزشکی و تامین منابع علمی

اداره علم‌سنجی

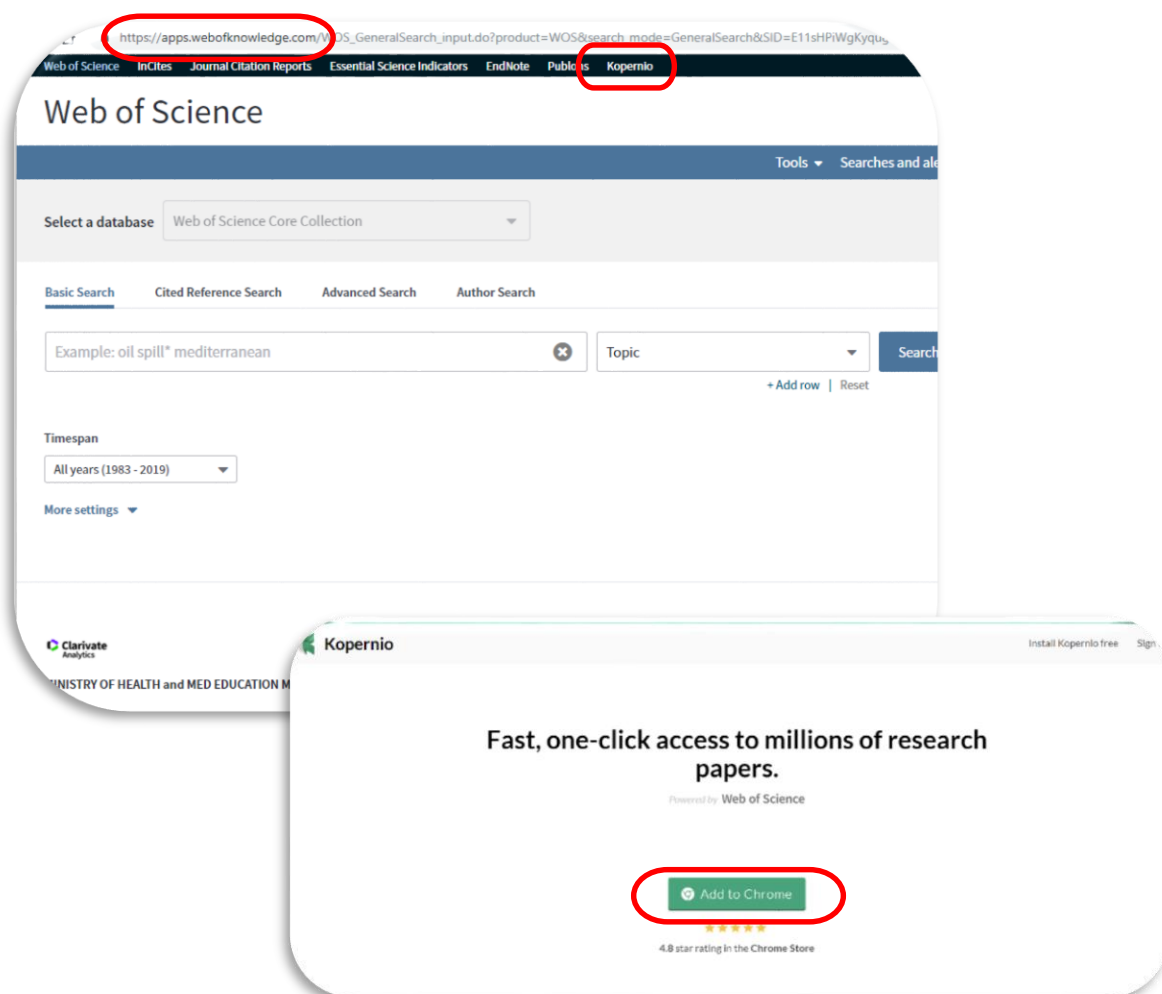
اردیبهشت‌ماه ۱۳۹۸

Kopernio پلاگینی است که دسترسی به متن کامل مقالات را تنها با یک کلیک برای کاربر فراهم می کند. صاحب امتیاز این پلاگین، موسسه clarivate analytics از پایگاه وب‌آوساینس می باشد. Kopernio دسترسی سریع به تولیدات علمی را فراهم نموده؛ به این صورت که حتی اگر دانشگاهی اشتراک با پایگاه اطلاعاتی را نداشته باشد، با Kopernio جستجو در گوگل اسکالر، پابمد، وب‌آوساینس، وبسایت ناشران دسترسی آزاد و دیگر سرورها مقالات مورد نظر را برای پژوهشگر یافته و به صورت تمام متن در اختیار کاربر قرار می دهد.

### نصب پلاگین

۱. ورود از طریق سایت <https://kopernio.com/>؛

۲. ورود به پایگاه <https://apps.webofknowledge.com> و کلیک بر روی گزینه Kopernio.



پس از دانلود و نصب پلاگین در مرورگر خود و با ایجاد حساب کاربری میتوانید از امکانات این سرویس استفاده نمایید.



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Journal of Computational Physics  
Volume 233, 15 January 2013, Pages 414-429

### A sparse and high-order accurate line-based discontinuous Galerkin method for unstructured meshes

Per-Olof Persson

<https://doi.org/10.1016/j.jcp.2012.09.008>

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A Sparse and High-Order Accurate Line-Based Discontinuous Galerkin Method for Unstructured Meshes

Per-Olof Persson\*

\*Department of Mathematics, University of California, Berkeley, Berkeley, CA 94720-3B40, USA

Abstract

We present a new line-based discontinuous Galerkin (DG) discretization scheme for first- and second-order systems of partial differential equations. The scheme is based on fully unstructured meshes of quadrilateral or hexahedral elements, and it is closely related to the standard nodal DG scheme as well as several of its variants such as the collocation-based DG spectral element method (DGSEM) or the spectral difference (SD) method. However, our motivation is to maximize the sparsity of the Jacobian matrices, since this directly translates into higher performance in particular for implicit solvers, while maintaining many of the good properties of the DG scheme. To achieve this, our scheme is based on applying one dimensional DG solvers along each coordinate direction in a reference element. This reduces the number of connectivities drastically, since the scheme only connects each node to a line of nodes along each direction, as opposed to the standard DG scheme which connects each node to all nodes in the entire element.

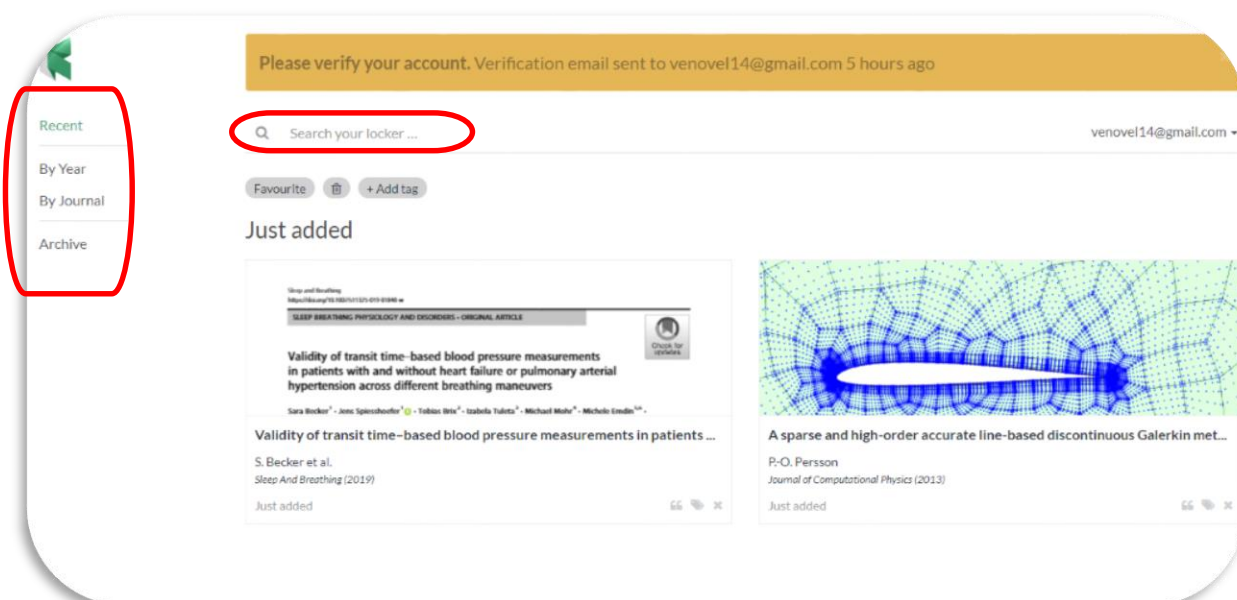
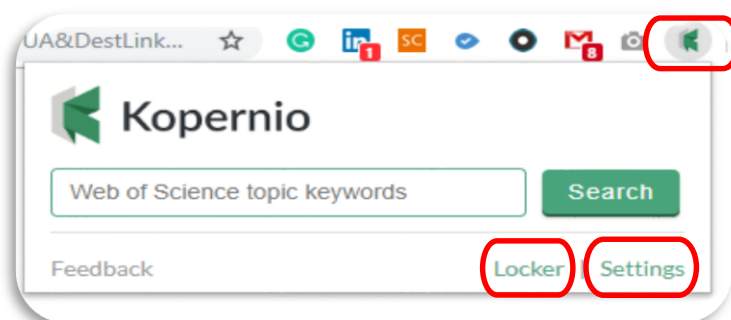
5 Oct 2012



دیگر امکانات kopernio

## Locker ❖

مقالات دانلود شده توسط kopernio در کتابخانه افزونه (locker) ذخیره می شوند تا امکان بازیابی سریع برای کاربر فراهم شود. همچنین می توان در کتابخانه با استفاده از کلیدواژه خاص جستجو نمود.



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نکته بسیار مهمی که کاربران باید مورد توجه قرار دهند حجم فضای رایگانی است که افزونه در اختیار آنها قرار می دهد. به طور معمول هر کاربر ۱۰۰ MB فضای رایگان در اختیار دارد اما می توان این میزان را به ۲ GB افزایش داد به این صورت که نسخه افزونه به **kopernio Premium** ارتقاء یابد.

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## Kopernio Premium



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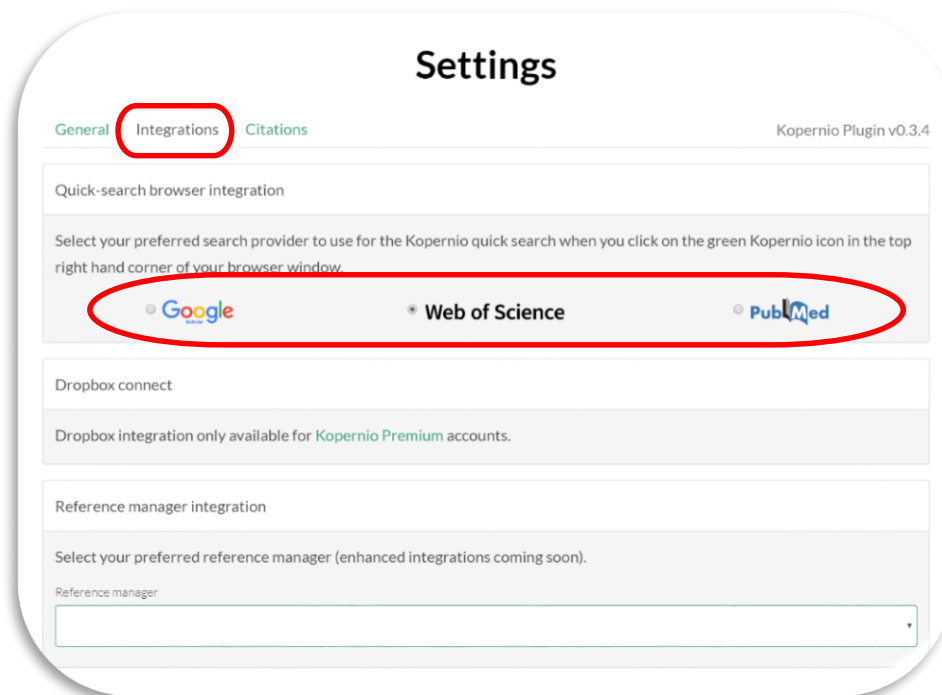
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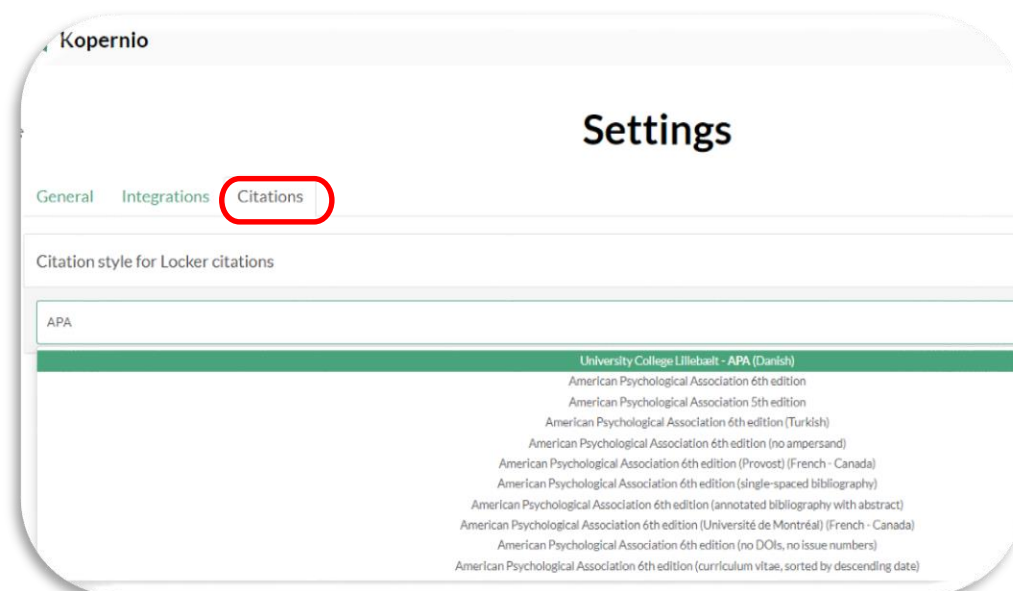
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