



Free energy map of oxygen (shown in purple) obtained using ILS and overlapped with PSII. The enlarged zoom-in area shows the neighborhood of OEC. Two proposed substrate water molecules and chloride ion are shown as spheres. Two areas with high oxygen binding affinity (s1 and s2) are shown as pink surfaces. See Vol.1827/10, pages 1148–1155.

Publication information: *Biochimica et Biophysica Acta (Bioenergetics)* (ISSN 0005-2728). For 2014, Volume 1837 (12 issues) is scheduled for publication. Subscription prices are available upon request from the Publisher, from the Elsevier Customer Service Department nearest you, or from this journal's website (<http://www.elsevier.com/locate/bbabiio>). Further information is available on this journal and other Elsevier products through Elsevier's website (<http://www.elsevier.com>). Subscriptions are accepted on a prepaid basis only and are entered on a calendar year basis. Issues are sent by standard mail (surface within Europe, air delivery outside Europe). Priority rates are available upon request. Claims for missing issues should be made within six months of the date of dispatch.

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