

- Duysens, L. N. M., 1956. The flattening of the absorption of suspensions, as compared to that of solutions. *Biochim. Biophys. Acta*, **19**, 1–12.
- Einstein, A., 1910. Theorie der Opaleszenz von homogenen Flüssigkeiten un Flüssigkeitgemischen in der Nähe des kritischen Zustandes. *Ann. Phys.*, **33**, 1275.
- Eppley, R. W. and B. J. Peterson, 1979. Particulate organic matter flux and planktonic new production in the deep ocean. *Nature*, **282**, 677–680.
- Escoubas, J.-M., M. Lomas, et al., 1995. Light intensity regulation of cab gene transcription is signaled by the redox state of the plastoquinone pool. *Proc. Nat. Acad. Sci. USA*, **92**, 10237–10241.
- Falkowski, P. G., 1983. Light–shade adaptation and vertical mixing of marine phytoplankton: a comparative field study. *J. Mar. Res.*, **41**, 215–237.
- Falkowski, P. G., 1984. Physiological responses of phytoplankton to natural light regimes. *J. Plankton Res.*, **6**, 295–307.
- Falkowski, P. G., 1992. Molecular ecology of phytoplankton photosynthesis. In *Primary Productivity and Biogeochemical Cycles in the Sea*, P. G. Falkowski, ed. Plenum Press, New York, pp. 47–67.
- Falkowski, P., 1997. Evolution of the nitrogen cycle and its influence on the biological sequestration of CO<sub>2</sub> in the ocean. *Nature*, **387**, 272–275.
- Falkowski, P. G. and Z. Kolber, 1995. Variations in chlorophyll fluorescence yields in phytoplankton in the world oceans. *Aust. J. Plant Physiol.*, **22**, 341–355.
- Falkowski, P. G. and J. A. Raven, 1997. *Aquatic Photosynthesis*. Blackwell Scientific Publishers, Oxford.
- Falkowski, P. G. and C. Wilson, 1992. Phytoplankton productivity in the North Pacific ocean since 1900 and implications for absorption of anthropogenic CO<sub>2</sub>. *Nature*, **358**, 741–743.
- Falkowski, P. G., D. Ziemann, Z. Kolber and P. K. Bienfang, 1991. Role of eddy pumping in enhancing primary production in the ocean. *Nature*, **352**, 55–58.
- Falkowski, P. G., R. Greene and R. Geider, 1992. Physiological limitations on phytoplankton productivity in the ocean. *Oceanography*, **5**(2), 84–91.
- Foley, D., T. Dickey, M. McPhaden, R. Bidigare, M. Lewis, R. Barber, C. Garside and D. Manov, 1997. Longwaves and primary productivity variations in the equatorial Pacific at 0°, 140° W. *Deep-Sea Res. II*, **44**, 1801–1826.
- Forward, R., Jr., 1988. Diel vertical migration: zooplankton photobiology and behavior. *Oceanogr. Mar. Biol. Annu. Rev.*, **26**, 361–392.
- Gardner, W. D., S. P. Chung, M. J. Richardson and I. D. Walsh, 1995. The oceanic mixed layer pump. *Deep-Sea Res. II*, **42**, 757–775.
- Garver, S. A. and D. A. Siegel, 1998. Inherent optical property inversion of ocean color spectra and its biogeochemical interpretation. 1. Time series from the Sargasso Sea. *J. Geophys. Res.*, **102**, 18607–18625.
- Gieskes, W. C. and A. G. J. Buma, 1997. UV damage to plant life in a photobiologically dynamic environment: the case of marine phytoplankton. *Plant Ecol.*, **128**, 16–25.
- Gordon, H. R., 1994. Modeling and simulating radiative transfer in the oceans. In *Ocean Optics*, R. W. Spinrad, K. L. Carder and M. J. Perry, eds. Oxford University Press, Oxford.
- Gordon, H. R., O. B. Brown and M. M. Jacobs, 1975. Computed relationships between the inherent and apparent optical properties of a flat homogeneous ocean. *Appl. Opt.*, **14**, 417–427.
- Gordon, H. R., O. B. Brown, R. H. Evans, J. W. Brown, R. C. Smith, K. S. Baker and D. K. Clark. 1988. A semianalytic radiance model of ocean color. *J. Geophys. Res.*, **93**, 10909–10924.
- Gran, H. H., 1931. On the conditions for the production of plankton in the sea. *Rapp. P.-V. Reun. Cons. Int. Explor. Mer.*, **75**, 37–46.
- Granata, T., J. Wiggert and T. Dickey, 1995. Trapped, near inertial waves and enhanced chlorophyll distributions. *J. Geophys. Res.*, **100**, 20793–20804.
- Halldal, P. and O. Taube, 1972. Ultraviolet action spectra and photoreactivation in algae. *Photophysiol.*, **6**, 445–460.
- Hamilton, M., T. C. Granata, T. D. Dickey, J. D. Wiggert, D. A. Siegel, J. Marra and C. Langdon, 1990. Diel variations of bio-optical properties in the Sargasso Sea. *Ocean Optics X*, pp. 214–224.