

## CAYp1; 2019-20

### Books

1. Ravishankar, G. A. & Ranga Rao, A (Eds.) (2019) Handbook of Algal Technologies and Phytochemicals: *Volume-I Food, Health and Nutraceutical Applications*. ISBN: 9780429054242, Pages: 322; CRC Press, USA.
2. Ravishankar, G. A., & Ranga Rao A (Eds.). (2019). Handbook of Algal Technologies and Phytochemicals: *Volume II Phycoremediation, Biofuels and Global Biomass Production*. ISBN: 9780367178192; Pages: 295; CRC Press, USA.

### Book Chapter(s):

1. RangaRao A\* and Ravishankar GA (2019) Microalgal biomass, lipids and fatty acids production through open or closed cultivation systems: Challenges and future perspectives. In: *Handbook of Algal Technologies and Phytochemicals: Volume-II: Phycoremediation, Biofuels and Global Biomass Production, Edited by G.A. Ravishankar and A. RangaRao*, CRC Press, USA. Page nos: 91-99.
2. RangaRao A\* and Ravishankar G.A. (2019) Potential Health and Nutraceutical Applications of Astaxanthin and Astaxanthin Esters from Microalgae. In: *Handbook of Algal Technologies and Phytochemicals: Volume-I: Food, Health and Nutraceutical Applications, Edited by G.A. Ravishankar and A. RangaRao*, CRC Press, USA. Page nos: 121-137.
3. RangaRao A\* and Ravishankar G.A. (2019). Global microalgal based products for Industrial applications. In: *Handbook of Algal Technologies and Phytochemicals: Volume-II Phycoremediation, Biofuels and Global Biomass Production*, Edited by G.A. Ravishankar and A. RangaRao, Volume-II, CRC Press, USA; Page nos: 267-278.
4. Shama A, Joyce S.G, Mari, F. D., RangaRao A, Ravishankar G.A. and Huda N\* (2019). Macroalgae and Microalgae: Novel Sources of Functional Food and Feed. In: *Handbook of Algal Technologies and Phytochemicals: Volume-I: Food, Health and Nutraceutical Applications, Edited by G.A. Ravishankar and A. RangaRao*, CRC Press, USA; Page nos: 207-219.
5. Mohammad JH, RangaRao A\* and Ravishankar G.A. (2019). Opportunities and Challenges in Seaweeds as Feed Stock for Biofuel Production. In: *Handbook of Algal Technologies and Phytochemicals: Volume-II Phycoremediation, Biofuels and Global Biomass Production*, Edited by G.A. Ravishankar and A. RangaRao, Volume-II, CRC Press, USA. Page nos: 39-50
6. Madhubalaji C.K, Ajam Shekh, Sijil, P.V., Sandeep Mudliar, Vikas Singh Chauhan, R. Sarada, RangaRao A and Ravishankar G.A., (2019)

Open cultivation system and closed photobioreactors for microalgal cultivation and biomass production. In: *Handbook of Algal Technologies and Phytochemicals: Volume-II Phycoremediation, Biofuels and Global Biomass Production*, Edited by G.A. Ravishankar and A. Ranga Rao, Volume-II, CRC Press, USA. Page nos: 179-202;

7. Chiara Toniolo, Marcello Nicoletti, Paola Del Serrone, Ranga Rao A and Ravishankar G.A. (2019) Champion Microalgal forms for food, and health applications: *Spirulina* and *Chlorella*. In: *Handbook of Algal Technologies and Phytochemicals: Volume-I: Food, Health and Nutritional Applications*, Edited by G.A. Ravishankar and A. Ranga Rao, CRC Press, USA. Page nos: 43-59.