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**Place of Birth** [Surabaya]

**Date of Birth** 01/16/1970

**Nationality** [Indonesia]

**Interest** [Marine Biology and Aquaculture]

**Education** [Ph.D. - Graduate School of Science and Technology, Nagasaki University, Japan, 2007; M.Si. – Pascasarjana Universitas Brawijaya, Malang, Indonesia, 2002; Ir. – Fakultas Perikanan, Universitas Brawijaya, Malang, Indonesia, 1993 ]

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**Experience** [Lecturer and Researcher / Department of Marine, Faculty of Fisheries and Marine, Universitas Airlangga]  
[1995 - now]  
[Academic and Research]

**Societies**

1. Kelompok Kerja (POKJA) Pemberdayaan Ekonomi Kerakyatan Universitas Airlangga, since 1999
2. Himpunan Ahli Pengelolaan Pesisir Indonesia (HAPPI) Cabang Jawa Timur, since 2009
3. Asosiasi Petani dan Pengelola Rumput Laut Indonesia (ASPPERLI) Cabang Jawa Timur, since 2009

4. Tim Telaah Pembukaan, Penutupan, Penggabungan dan Penggantian Nama Fakultas, Departemen Dan Program Studi Universitas Airlangga, since 2011
5. Masyarakat Pengolahan Hasil Perikanan Indonesia, since 2013
6. Konsorsium Mitra Bahari Regional Center Jawa Timur, since 2013

## Honors

1. **Cumlaude S2 Biologi Reproduksi, Pascasarjana Universitas Brawijaya, 2002**
2. **The Best Graduate at Commencement Graduate School of Science and Technology Nagasaki University Japan 2007, Graduate School of Science and Technology Nagasaki University Japan**
3. **Dosen Teladan (Peringkat 2) Tingkat Universitas Airlangga Tahun 2009/2010, Awarded by Rektor Universitas Airlangga, 2010**
4. **Satya Lancana Karya Satya X Tahun, 2013**

## Publications

### International Publications

Isolation of quizalofop-resistant mutants of *Nannochloropsis oculata* (Eustigmatophyceae) with high eicosapentaenoic acid following *N*-methyl-*N*-nitrosourea-induced random mutagenesis, **Journal of Applied Phycology** (2004), Vol.16, pp.135-144.

Isolation and Structure Determination of Algicidal Compounds from *Ulva fasciata*, **Bioscience, Biotechnology, Biochemistry** (2005), Vol.69, No.11, pp.2186-2192.

The Effectiveness of *Ulva fasciata* and *U. pertusa* (Ulvales, Chlorophyta) as Algicidal Substances on Harmful Algal Bloom Species, **Aquaculture Science** (2006), Vol.54, No.3, pp.325-334.

Algicidal Diterpenes from the Brown Alga *Dictyota dichotoma*, **Bioscience, Biotechnology, Biochemistry** (2006), Vol.70, No.10, pp.2571-2574.

Selective Toxic Effects of Polyunsaturated Fatty Acids Derived from *Ulva fasciata* on Red Tide Phytoplankter Species, **Bioscience, Biotechnology, Biochemistry** (2007), Vol.71, No.1, pp. 265-268.

Algicidal Activity of Polyunsaturated Fatty Acids Derived from *Ulva fasciata* and *U. pertusa* (Ulvaceae, Chlorophyta) on Phytoplankton, **Journal of Applied Phycology** (2008), Vol.20, pp.713-720.

Producing New Variety of *Gracilaria* sp. Through Cross Breeding, **Research Journal of Fisheries and Hydrobiology** (2010), Vol.5, No.2, pp.159-167.

Octadeca-6,9,12,15-tetraenoic acid from *Nemacystis decipiens* as an algicidal source against *Heterocapsa circularisquama*, **Agricultural Science Research Journals** (2012), Vol.2(9), pp.480-485.

*Gracilaria* sp. Waste, *Lactobacillus* sp. and *Chlorella* sp. Integration on Intensive Aquaculture with Aquaponic System, **Journal of Natural Science Research** (2013), Vol.3(11), pp.66-77.

Mineral Nutrient Content from *Gracilaria* sp. Waste as Biofertilizer on Intensive Aquaculture with Aquaponic System, **Journal of Natural Science Research** (2014), Vol.4(21), pp.65-74.

Stress reducing substance of *Ageratum conyzoides* and its application to Koi Carp (*Cyprinus carpio*) transportation, **Journal of Natural Science Research** (2014), Vol.4(19), pp.67-85.

## Books

Eksplorasi Bahan Aktif Algicidal Rumput Laut (I), Global Persada Press, ISBN 978-602-98539-0-2 (2010), 62 pp.

Eksplorasi Bahan Aktif Algicidal Rumput Laut (II), Global Persada Press, ISBN 978-602-98539-7-1 (2011), 104 pp.

Koleksi Species Rumput Laut, Global Persada Press, ISBN 978-602-19619-9-5 (2012), 91 pp.

Buku Ajar Koralogi, PT. Revka Petra Media, ISBN 978-602-7982-56-7 (2013), 137 pp.

Buku Ajar Biokimia, Global Persada Press, ISBN 978-602-7676-13-8 (2014), 116 pp.