

Curriculum Vitae

Personal information

First name(s) / Surname(s)

Address(es)

Telephone(s)

E-mail

Date of birth

Orcid profile

Brailo Šćepanović, Marina

Bernarda Shawa 13, 20000 Dubrovnik; Ćira Carića 4, 20000 Dubrovnik

+385 98 594 845; +385 20 445 880

marinabrailo@yahoo.com; marina.brailo@unidu.hr

6. ožujka 1981.

[Marina Brailo orcid](#)

Work experience

Dates

Occupation or position held

Name and address of employer

Dates

Occupation or position held

Name and address of employer

Dates

Occupation or position held

Name and address of employer

2019. – present

assistant professor

University of Dubrovnik, Department of Aquaculture, Branitelja Dubrovnika 29, 20000 Dubrovnik, Croatia

2017. – 2019

teaching assistant / Postdoctoral researcher

University of Dubrovnik, Department of Aquaculture, Branitelja Dubrovnika 29, 20000 Dubrovnik, Croatia

2007. – 2017.

teaching assistant / PhD student researcher

University of Dubrovnik, Department of Aquaculture, Branitelja Dubrovnika 29, 20000 Dubrovnik, Croatia

Education

Dates

Name and type of organisation

providing education and training

Principal subjects/occupational skills

covered

Title of qualification awarded

2007. – 2016.

University of Split, University of Dubrovnik, Institute of Oceanography and Fisheries, Doctoral study in Applied marine sciences

Advanced knowledge and experience in aquaculture scientific research and laboratory skills

PhD in Natural sciences, research field Interdisciplinary Natural Sciences

Dates

Name and type of organisation

providing education and training

Principal subjects/occupational skills

covered

Title of qualification awarded

1999. – 2006.

University of Zagreb, Faculty of Food Technology and Biotechnology,

Basic knowledge and experience in biotechnological research and laboratory skills

Master of Biotechnology

Training

Dates

Institution

Type

Dates

Institution

Type

Dates

Institution

Type

25. – 29. 11. 2019.

University of Panonia, Veszprem, Hungary

ERASMUS + mobility program

12. – 27. August 2017.

Tomas Bata University in Zlín, Czech Republic

Summer school "Environmental-Friendly Technologies for Solid Waste Treatment"

10 – 15 July 2016.

Institute of Marine Sciences in Barcelona and Catalan Association of Oceanographers, Barcelona, Spain,

Course "The Ramon Margalef Summer Colloquia" for young scientists on the topic "Microbes in a changing world: diversity and biogeochemistry"

Dates	October 2009. – January 2010.
Institution	Center of Marine Biotechnology, University of Maryland Biotechnology Institute, Baltimore, Maryland, USA
Type	Fellowships for Doctoral Students awarded by The National Foundation for Science, Higher Education and Technological Development of the Republic of Croatia
Mother tongue	Croatian
Other languages	
Self-assessment	
European level (*)	
English	
Italian	
Spanish	

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C2	Proficient user
B2	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic user

Selected publications

Brailo, M., Schreier, H. J., McDonald, R. Maršić-Lučić, J. Gavrilović, A., Pećarević, M., Jug-Dujaković, J. 2019. Bacterial community analysis of marine recirculating aquaculture system bioreactors for complete nitrogen removal established from a commercial inoculum. *Aquaculture*. 503: 198-206.

Kraus, R.; Grilli, F.; Supić, N.; Janeković, I.; **Brailo, M.**; Cara, M.; Bratoš Cetinić, A.; Campanelli, A.; Cozzi, S.; D'Adamo, R.; Djakovac, T.; Dutour-Sikirić, M.; Flander Putrle, V.; Francée, J.; Joksimović, D.; Klun, K.; Kolitari, J.; Kralj, M.; Kušpilić, G.; Marini, M.; Matić, F.; Mikuš, J.; Ninčević-Gladan, Ž.; Pansera, M.; Pećarević, M.; Precali, R.; Prusina, I.; Relitti, F.; Santucci, A.; Specchiulli, A.; Škalic, D. 2019. Oceanographic characteristics of the Adriatic Sea – support to secondary HAOP spread through natural dispersal. *Marine pollution bulletin*. 147: 59-85.

Donatović, M.; Gavrilović, A.; Ljubičić, A.; **Brailo, M.**; Jug-Dujaković, J. 2019. Promjena pH, dielektričnih i senzorskih pokazatelja svježine lubina, *Dicentrachus labrax* (Linnaeus, 1758), pri različitim uvjetima pripreme i skladištenja. U: Zbornik radova 54. hrvatskog i 14. međunarodnog simpozija agronoma (Mioč, B.; Širić, I. (ur.)). Agronomski fakultet, Sveučilište u Zagrebu, 347-352.

Pećarević, M., Mikuš, J. Prusina, I. Juretić, H., Bratoš Cetinić, A., **Brailo, M.** 2018. New role of hydrocyclone in ballast water treatment. *Journal of Cleaner Production*. 188: 339-346.

Konjevod, I.; Gavrilović, A.; Ljubičić, A.; **Brailo, M.**; Orhanović, S.; Jug-Dujaković, J. 2018. Changes in chemical indicators of freshness of mediterranean sea bass, *Dicentrachus labrax* (Linnaeus, 1758) under different conditions of preparation and storage. In: *Proceedings from 53rd Croatian & 13th International Symposium on Agriculture* (Rozman, V., Antunović, Z. (eds.)). Faculty of Agriculture, University of Josip Juraj Strossmayer in Osijek, 375-380.

Brailo, M.; Gavrilović, A.; Pećarević, M.; Jug-Dujaković, J. 2017. Use of mussel production mesh stockings as a settling media, and wort as a carbon source in a marine denitrification bioreactor. U *Book of abstract from Aquaculture Europe 17* (Bjorn, M. (eds.)). European Aquaculture Society Oostende, 424-425.

Barišić, J.; Čož-Rakovac, R.; Delaš, I.; Topić Popović, N.; Gavrilović, A.; Jug-Dujaković, J.; **Brailo, M.**; Sauerborn-Klobučar, R.; Babić, S.; Strunjak-Perović, I. 2016. Predictive modeling of European flat oyster (*Ostrea edulis* L.) fatty acid composition. *Aquaculture International*. 24: 1-21.

Brailo, M. 2016. Denitrification efficiency in a marine recirculating aquaculture system. Doctoral dissertation (In Croatian with English abstract). University of Split University Department of Marine Studies. 123.

Bratoš Cetinić, A., Mikuš, J., Glamuzina, B., Prusina, I., **Brailo, M.**, Pećarević, M. 2015. Populacije školjkaša donjeg toka rijeke Neretve. U: *Knjiga sažetaka Zaštita voda u kršu. 2 znanstveno-stručna konferencija s međunarodnim sudjelovanjem* (Pilić, Z., Škobić, D. (eds.)). Fakultet prirodoslovno matematičkih i odgojnih znanosti Sveučilišta u Mostaru, Mostar. 77.

Mikuš, J., Pećarević, M., Gavrilović, A., **Brailo, M.**, Bratoš-Cetinić, A., Crnčević, M. 2015. Gornji Majkovi – lokve: značajke staništa riječne kornjače *Mauremys rivulata* (Valenciennes, 1833). U: *Knjiga sažetaka Zaštita voda u kršu. 2 znanstveno-stručna konferencija s međunarodnim sudjelovanjem* (Pilić, Z., Škobić, D. (eds.)). Fakultet prirodoslovno matematičkih i odgojnih znanosti Sveučilišta u Mostaru, Mostar. 78-80.

Schreier, H.; Dejtisakdi, W.; Escalante, J.; **Brailo, M.** 2012. Transposon mutagenesis of *Planctomyces limnophilus* and analysis of a pckA mutant. *Applied and Environmental Microbiology*. 78 (19): 7120-7123.

Pećarević, M., Mikuš, J., Bratoš Cetinić, A., Marčelja, E. Bonačić, K., **Brailo, M.**, Lovrić, J. 2012. Učinak sustava za tretiranje vodenog balasta na preživljavanje prirodnih populacija zooplanktona u plovidbenim uvjetima na brodu "Naše more". Naše more: znanstveni časopis za more i pomorstvo. 59 (5-6); 243-253.

Cîntă Pînzaru, S.; Herman, C.; Venter M.; **Brailo, M.**; Glamuzina, B. 2012. Seawater Anions, Salinity And Organic Content Simultaneously Assessed By Surface Enhanced Raman Scattering. U: Book of abstracts from 31st European Congress On Molecular Spectroscopy. (Nagy-Póra, K., Chiş, V., Aştilean, S., Cozar, O. (eds.)). Cluj-Napoca: Napoca Star, 87.

Brailo, M.; Gavrilović, A.; Jug-Dujaković, J.; Ljubičić, A.; Van Gorder, S. 2011. Influence of the water quality parameters on the condition index of the European flat oyster *Ostrea edulis*. U: Book of abstract from 46th European Marine Biology Symposium (Travizi, A.; Iveša, Lj.; Fafandel, M. (eds.)). Institute Ruđer Bošković, Rovinj. 71.

Šarić, I., **Brailo, M.**, Gavrilović, A.; Jug-Dujaković, J. 2010. Biološki filtri u akvakulturi. Ribarstvo 68 (3): 117-132.

Selected projects

2020. – 2023. Development of system for control and protection from introduction of alien species (ProtectAS), funded by European Regional Development Fund

2020 – 2022 MARine Litter cross-border awareness and innovation actions (MARLESS), funded by Interreg V-A Italy - Croatia CBC Programme

2020 – 2022 Blue technology Developing innovative technologies for sustainability of Adriatic Sea (InnovaMare), funded by Interreg V-A Italy - Croatia CBC Programme

2013. – 2016. Ballast Water Management System for Adriatic Sea Protection (BALMAS), funded by IPA Adriatic Cross-border Cooperation Programme

2014. – 2015. Application of biological methods of conservation of aquaculture products – ecological way of increasing security and sustainability, funded by HAMAG BICRO

2009.-2012. Reproductive genetic and growth characteristics of organisms interesting in mariculture, funded by Ministry of science, education and sport

Additional information

Social skills and competences

Easily adaptable to team work in new environment

Computer skills and competences

Common scientific and office programs

Artistic skills and competences

Folklore

Dubrovnik, 30. 12. 2020.