

Wykaz publikacji

pracowników i doktorantów Instytutu Oceanologii Polskiej Akademii Nauk w Sopocie
w roku 2019

Artykuły naukowe opublikowane w czasopismach naukowych zamieszczonych w wykazie czasopism.

1. Amélineau F., Grémillet D., Harding A. M. A., **Walkusz W.**, Choquet R., Fort J., (2019), Arctic climate change and pollution impact little auk foraging and fitness across a decade, **SCIENTIFIC REPORTS**, 9 (1), art. 1014 (str 1-15), 10.1038/s41598-018-38042-z
2. Arntsen M., Sundfjord A., Skogseth R., Błaszczuk M., **Promińska A.**, (2019), Inflow of warm water to the inner Hornsund fjord, Svalbard: Exchange mechanisms and influence on local sea ice cover and glacier front melting, **JOURNAL OF GEOPHYSICAL RESEARCH: OCEANS**, 124, 1915–1931, 10.1029/2018JC014315
3. Bach, L., **Zbawicka, M.**, Strand, J., **Wenne, R.**, (2019), *Mytilus trossulus* in NW Greenland is genetically more similar to North Pacific than NW Atlantic populations of the species, **MARINE BIODIVERSITY**, 49 (2), 1053-1059, 10.1007/s12526-018-0870-0
4. **Bałazy K.**, **Trudnowska E.**, **Błachowiak-Samołyk K.**, (2019), Dynamics of *Calanus* Copepodite Structure during Little Auks' Breeding Seasons in Two Different Svalbard Locations, **WATER**, 11, 1405 (str 1-18), 103390/w11071405
5. **Bałazy P.**, Copeland U., Sokołowski A., (2019), Shipwrecks and underwater objects of the southern Baltic - hard substrata islands in the brackish, soft bottom marine environment. **ESTUARINE COASTAL AND SHELF SCIENCE**, 225, art. 106240 (str 1-10), 10.1016/j.ecss.2019.05.022
6. **Bałazy P.**, **Kukliński P.**, (2019), Year-to-year variability of epifaunal assemblages on a mobile hard substrate—Case study from high latitudes, **MARINE ECOLOGY**, 39 (6) art. e12533 (str 1-17), 10.1111/maec.12533
7. Basedow S. L., McKee D., Lefering I., Gislason A., Daase M., **Trudnowska E.**, Egeland E. S., Choquet M., Falk-Petersen S., (2019), Remote sensing of zooplankton swarms, **SCIENTIFIC REPORTS**, 9 (1), art. 686, (str 1-10), 10.1038/s41598-018-37129-x
8. **Bełdowski J.**, **Szubska M.**, **Siedlewicz G.**, **Korejwo E.**, **Grabowski M.**, **Bełdowska M.**, **Kwasigroch U.**, **Fabisiak J.**, **Lonska E.**, **Szala M.**, **Pempkowiak J.**, (2019), Sea-dumped ammunition as a possible source of mercury to the Baltic Sea sediments, **SCIENCE OF THE TOTAL ENVIRONMENT**, 674, 363-373, 10.1016/j.scitotenv.2019.04.058
9. Bensi M., Kovačević V., Langone L., Aliani S., Ursella L., **Goszczko I.**, Soltwedel T., Skogseth R., Nilsen F., Deponte D., Mansutti P., Laterza R., Rebesco M., Rui L., Lucchi R. G., Wåhlin A., Viola A., **Beszczynska-Möller A.**, Rubino A., (2019), Deep Flow Variability O shore South-West Svalbard (Fram Strait), **WATER**, 11, 683, str 1-20, 10.3390/w11040683
10. Błaszczuk M., Ignatiuk D., Uszczyk A., Cielecka-Nowak K., Grabiec M., Jania J. A., Moskalik M., **Walczowski W.**, (2019), Freshwater input to the Arctic fjord Hornsund (Svalbard), **POLAR RESEARCH**, 38, 3506, str 1-18, 10.33265/polar.v38.3506
11. Carstensen J., **Olszewska A.**, **Kwaśniewski S.**, (2019), Summer Mesozooplankton Biomass Distribution in the West Spitsbergen Current (2001–2014), **FRONTIERS IN MARINE SCIENCE**, vol. 6, art 202 (str 1-21), 10.3389/fmars.2019.00202

12. Cecchetto M., Lombardi C., Canese S., Cocito S., **Kukliński P.**, Mazzoli C., Schiaparelli S., (2019), The Bryozoa collection of the Italian National Antarctic Museum, with an updated checklist from Terra Nova Bay, Ross Sea, **ZOOKEYS**, 812, 1-22, 10.3897/zookeys.812.26964
13. Chiliński M. T., Markowicz K. M., Zawadzka O., Stachlewska I. S., Lisok J., **Makuch P.**, (2019), Comparison of Columnar, Surface, and UAS Profiles of Absorbing Aerosol Optical Depth and Single-Scattering Albedo in South-East Poland, **ATMOSPHERE**, 10 (8), 446, (str 1-31), 10.3390/atmos10080446
14. Cunha-Saraiva F., Balshine S., **Gozdowska M.**, **Kulczykowska E.**, Wagner R. H., Schaedelin F. C., (2019), Parental care and neuropeptide dynamics in a cichlid fish *Neolamprologus caudopunctatus*, **HORMONES AND BEHAVIOR**, 116, 104576, (str 1-9), 10.1016/j.yhbeh.2019.104576
15. **Deja K.**, **Ormańczyk M.**, **Dragańska-Deja K.**, (2019), Plankton on benthos: where krill belongs in Spitsbergen fjords? (Svalbard, Archipelago, Arctic), **POLAR BIOLOGY**, 42 (8):1415-1430, 10.1007/s00300-019-02524-1
16. **Dybowski D.**, **Jakacki J.**, **Janecki M.**, **Nowicki A.**, **Rak D.**, **Dzierzbicka-Głowacka L.**, (2019), High-Resolution Ecosystem Model of the Puck Bay (Southern Baltic Sea) - Hydrodynamic Component Evaluation, **WATER**, 11, 2057, (str 1-42), 10.3390/w11102057
17. **Dzierzbicka-Głowacka L.**, **Janecki M.**, **Dybowski D.**, **Szymczycha B.**, Obarska-Pempkowiak H., Wojciechowska E., Zima P., Pietrzak S., Pazikowska-Sapota G., Jaworska- Szulc B, **Nowicki A.**, Kłostowska Ż., Szymkiewicz A., Galer-Tatarowicz K., **Wichorowski M.**, Białoskórski M., Puzkarczuk T., (2019), A new approach for investigating the impact of pesticides and nutrient flux from agricultural holdings and land-use structures on the coastal waters of the Baltic Sea. **POLISH JOURNAL OF ENVIRONMENTAL STUDIES**, 28(4):2531–2539, 10.15244/pjoes/92524
18. **Dzierzbicka-Głowacka L.**, Musialik-Koszarowska M., Kalarus M., Lemieszek A., Prątnicka P., **Janecki M.**, Żmijewska M. I., (2019), The Interannual Changes in the Secondary Production and Mortality Rate of Main Copepod Species in the Gulf of Gdańsk (The Southern Baltic Sea) **APPLIED SCIENCES-BASEL**, 9(10), 2039;(str 1-29), 10.3390/app9102039
19. **Dzierzbicka-Głowacka L.**, Pietrzak S., **Dybowski D.**, Białoskórski M., Marcinkowski T., Rossa L., Urbaniak M., Majewska Z., Juszowska D., Nawalany P., Pazikowska-Sapota G., Kamińska B., Selke B., Korthals P., Puzkarczuk T., (2019), Impact of agricultural farms on the environment of the Puck Commune: Integrated agriculture calculator—CalcGosPuck, **PEERJ**, 7:e6478, 10.7717/peerj.6478
20. Evans K., Chiba S., Bebianno M. J., Garcia-Soto C., Ojaveer H., Park C., Ruwa R., Simcock A. J., Vu C. T., **Zieliński T.**, (2019), The Global Integrated World Ocean Assessment: Linking Observations to Science and Policy Across Multiple Scales, **FRONTIERS IN MARINE SCIENCE**, 6 art. 298 (str 1-8), 10.3389/fmars.2019.00298
21. Ferrero L., Sangiorgi G., Perrone M. G., Rizzi C., Cataldi M., **Markuszewski P.**, **Pakszys P.**, **Makuch P.**, **Petelski T.**, Becagli S., Traversi R., Bolzacchini E., **Zieliński T.**, (2019), Chemical composition of aerosol over the Arctic ocean from summer Arctic expedition (AREX) 2011-2012 cruises: Ions, amines, elemental carbon, organic matter, polycyclic aromatic hydrocarbons, n-alkanes, metals, and rare earth elements, **ATMOSPHERE**, 10 (2), nr art. 54, (str 1-32), 10.3390/atmos10020054
22. Filipkowska A., **Kowalewska G.**, (2019), Butyltins in sediments from the Southern Baltic coastal zone: Is it still a matter of concern, 10 years after implementation of the total ban?, **MARINE POLLUTION BULLETIN**, 146, 343-348, 10.1016/j.marpolbul.2019.06.050

23. Freda W., Haule K., **Sagan S.**, (2019), On the role of the seawater absorption-to-attenuation ratio in the radiance polarization above the southern Baltic surface, **OCEAN SCIENCE**, 15, 745-759, 10.5194/os-15-745-2019
24. Garbarienė I., Remeikis V., Mašalaitė A., Garbaras A., **Petelski T.**, **Makuch P.**, Dusek U., (2019), Stable carbon and nitrogen isotope ratio in PM₁ and size segregated aerosol particles over the Baltic Sea, **LITHUANIAN JOURNAL OF PHYSICS**, 59 (3) 156-168, doi: 10.3952/physics.v59i3.4082
25. Garçon V., Karstensen J., **Palacz A.**, **Telszewski M.**, Aparco L. T., Breitburg D., Chavez F., Coelho P., Cornejo M., Dos Santos C., Fiedler B., Gallo N., Grégoire M., Gutierrez D., Hernandez-Ayon M., Isensee K., Koslow T., Levin L., Marsac F., Maske H., Mbaye B. C., Montes I, Naqvi W, Pearlman J, Pinto E, Pitcher G, Pizarro O, Rose K, Shenoy D, Van der Plas A., Vito M. R., Weng K., (2019), Multidisciplinary Observing in the World Ocean's Oxygen Minimum Zone Regions: From Climate to Fish—The VOICE Initiative, **FRONTIERS IN MARINE SCIENCE** 6:722, (str 1-22) 10.3389/fmars.2019.00722
26. Giesbrecht K. E., Varela D. E., **Wiktor J.**, Grebmeier J. M., Kelly B., Long J. E., (2019), A decade of summertime measurements of phytoplankton biomass, productivity and assemblage composition in the Pacific Arctic Region from 2006 to 2016, **DEEP-SEA RESEARCH PART II: TOPICAL STUDIES IN OCEANOGRAPHY**, 162, 93-113, 10.1016/j.dsr2.2018.06.010
27. Gonzalez-Pola C., Fratantoni P., Larsen K. M. H., Holliday N. P., Dye S., Mork K. A., **Beszczynska-Möller A.**, Valdimarsson H., Trofimov A., Parner H., Klein H., Cisewski B., Fontan A., Lyons K., Kolodziejczyk N., Grana R., Linders J., Wodzinowski T., **Goszczko I.**, Cusack C., (2019), The ICES Working Group on Oceanic Hydrography: A Bridge From In-situ Sampling to the Remote Autonomous Observation Era, **FRONTIERS IN MARINE SCIENCE**, 6, art UNSP 103, (str 1-7), 10.3389/fmars.2019.00103
28. **Górska B.**, Gromisz S., **Włodarska-Kowalczyk M.**, (2019), Size assessment in polychaete worms—application of morphometric correlations for common North Atlantic taxa, **LIMNOLOGY AND OCEANOGRAPHY: METHODS**, 17, 254-265, 10.1002/lom3.10310
29. Grabowski M., Jabłońska A., Weydmann-Zwolicka A., Gantsevich M., Strelkov P., Skazina M., **Węśławski J. M.**, (2019), Contrasting molecular diversity and demography patterns in two intertidal amphipod crustaceans reflect Atlantification of High Arctic. **MARINE BIOLOGY**, 166: 155 (str 1-14), 10.1007/s00227-019-3603-4
30. Grissot A., Araya-Salas M., Jakubas D., Kidawa D., **Boehnke R.**, **Błachowiak-Samołyk K.**, Wojczulanis-Jakubas K., (2019), Parental Coordination of Chick Provisioning in a Planktivorous Arctic Seabird Under Divergent Conditions on Foraging Grounds, **FRONTIERS IN ECOLOGY and EVOLUTION**, 7, art. 349, str 1-13, 10.3389/fevo.2019.00349
31. **Grzelak K.**, Sørensen M. V., (2019), Diversity and community structure of kinorhynchs around Svalbard: First insights into spatial patterns and environmental drivers., **ZOOLOGISCHER ANZEIGER**, 282, 31-43, 10.1016/j.jcz.2019.05.009
32. **Grzelak K.**, Sørensen, M.V., (2019), Diversity and distribution of Arctic Echinoderes species (Kinorhyncha: Cyclorhagida), with the description of one new species and a redescription of *E. arlis* Higgins, 1966, **MARINE BIODIVERSITY**, 49, 1131-1150, 10.1007/s12526-018-0889-2

33. Guellard T., **Kalamarz-Kubiak H., Kulczykowska E., (2019)**, Concentrations of melatonin, thyroxine, 17 β -estradiol and 11-ketotestosterone in round goby (*Neogobius melanostomus*) in different phases of the reproductive cycle. **ANIMAL REPRODUCTION SCIENCE**, 204;10-21. doi:10.1016/j.anireprosci.2019.02.014
34. Halbach L., Assmy P., Vihtakari M., Hop H., Duarte P., Wold A., Kauko H. M., Kristiansen S., Evertt A., Myhre P. I., Wulff A., Pramanik A., **Pavlov A. K., Granskog M. A., Torsvik T., Steen H., Tatarek A., Wiktor J. M., (2019)**, Tidewater glaciers and bedrock characteristics control the phytoplankton growth environment in an Arctic fjord, **FRONTIERS IN MARINE SCIENCE**, vol. 6, art 254 (str 1-18), 10.3389/fmars.2019.00254
35. Hassler B., Blažauskas N., Gee K., Luttmann A., Morf A., **Piwowarczyk J., Saunders F., Stalmokaitė I., Strand H., Zaucha J., (2019)**, New generation EU directives, sustainability, and the role of transnational coordination in Baltic Sea maritime spatial planning, **OCEAN & COASTAL MANAGEMENT** 169, 254-263, 10.1016/j.ocecoaman.2018.12.025
36. Hop H., Assmy P., Wold A., Sundfjord A., Daase M., Duarte P., **Kwaśniewski S., Głuchowska M., Wiktor J. M., Tatarek A., Wiktor Jr. J., Kristiansen S., Fransson A., Chierici M., Vihtakari M., (2019)**, Pelagic Ecosystem Characteristic Across the Atlantic Water Boundary Current From Rijpfjorden, Svalbard, to the Arctic Ocean During Summer (2010–2014), **FRONTIERS IN MARINE SCIENCE**, vol. 6, art 181 (str 1-21), 10.3389/fmars.2019.00181
37. **Jakacki J., Meler S., (2019)**, An evaluation and implementation of the regional coupled ice-ocean model of the Baltic Sea, **OCEAN DYNAMICS**, 69 (1), 1-19, 10.1007/s10236-018-1219-8
38. Jankowska E., Michel L. N., Lepoint G., **Włodarska-Kowalczyk M., (2019)**, Stabilizing effects of seagrass meadows on coastal water benthic food webs, **JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY**, 510, 54-63, 10.1016/j.jembe.2018.10.004
39. **Jaśniewicz D., Klusek Z., Brodecka-Goluch A., Bolałek J., (2019)**, Acoustic investigations of shallow gas in the southern Baltic Sea (Polish Exclusive Economic Zone) – a review, **GEO-MARINE LETTERS**, 39(1), 1-17, 10.1007/s00367-018-0555-5.
40. **Kalamarz-Kubiak H., Guellard T., (2019)**, Oocyte hydration round goby *Neogobius melanostomus* from the Gulf of Gdańsk: another invasive strategy?, **OCEANOLOGIA**, 61 (4), 534-539, 10.1016/j.oceano.2019.06.001
41. Kauko Hanna M., **Pavlov A. K., Johnsen Geir, Granskog Mats A., Peeken Ilka, Assmy Philipp, (2019)**, Photoacclimation State of an Arctic Underice Phytoplankton Bloom, **JOURNAL OF GEOPHYSICAL RESEARCH: OCEANS**, 124, 1750-1762, 10.1029/2018JC014777
42. **Kędra M., Cooper L. W., Zhang M., Biasatti D., Grebmeier J. M., (2019)**, Benthic trophic sensitivity to on-going changes in Pacific Arctic seasonal sea ice cover – Insights from the nitrogen isotopic composition of amino acids, **DEEP-SEA RESEARCH PART II**, 162, 137-151, 10.1016/j.dsr2.2019.01.002
43. **Kijewski T., Zbawicka M., Strand J., Kautsky H., Kotta J., Rätsep M., Wenne R., (2019)**, Random forest assessment of correlation between environmental factors and genetic differentiation of populations: Case of marine mussels *Mytilus*, **OCEANOLOGIA**, 61, 131-142, 10.1016/j.oceano.2018.08.002
44. **Konik M., Kowalewski M., Bradtke K., Darecki M., (2019)**, The operational method of filling information gaps in satellite imagery using numerical models, **INTERNATIONAL JOURNAL OF APPLIED EARTH OBSERVATION AND GEOINFORMATION**, 75, 68-82, 10.1016/j.jag.2018.09.002

45. **Kowalczyk P., Sagan S., Makarewicz A., Meler J., Borzycka K., Zabłocka M., Zdun A., Konik M., Darecki M.,** Granskog M. A., **Pavlov A. K., (2019)**, Bio-optical Properties of Surface Waters in the Atlantic Water Inflow Region off Spitsbergen (Arctic Ocean), **JOURNAL OF GEOPHYSICAL RESEARCH: OCEANS**, 124, 1964–1987, 10.1029/2018JC014529
46. **Krajewska, M., Szymczak-Żyła, M.,** Kobos, J., Witak, M., **Kowalewska, G., (2019)**, Canthaxanthin in recent sediments as an indicator of heterocystous cyanobacteria in coastal waters, **OCEANOLOGIA**, 61, 78-88, 10.1016/j.oceano.2018.07.002
47. **Kucharska M., Kujawa A., Pawłowska J., Łącka M., Szymańska N.,** Lønne O. J., **Zajączkowski M., (2019)**, Seasonal changes in foraminiferal assemblages along environmental gradients in Adventfjorden (West Spitsbergen), **POLAR BIOLOGY**, 42 (3), 569-580, 10.1007/s00300-018-02453-5
48. **Kukliński, P.,** Wicikowski, L., Koper, M., Grala, T., Leniec-Koper, H., Barasiński, M., Talar, M., Kamiński, I., Kibart, R., Małecki, W., **(2019)**, Offshore surface waters of Antarctica are free of microplastics, as revealed by a circum-Antarctic study, **MARINE POLLUTION BULLETIN**, 149, art. no. 110573, 10.1016/j.marpolbul.2019.110573
49. **Kulczykowska E., (2019)**, Stress Response System in the Fish Skin - Welfare Measures Revisited, **FRONTIERS IN PHYSIOLOGY**, 10, art. 72, (str 1-3), 10.3389/fphys.2019.00072
50. Lee C. M., Starkweather S., Eicken H., Timmermans M. L., Wilkinson J., Sandven S., Dukhovskoy D., Gerland S., Grebmeier J., Intrieri J. M., Kang S. H., McCammon M., Nguyen A. T., Polyakov I., Rabe B., Sagen H., Seeyave S., Volkov D., **Beszczynska-Möller A.,** Chafik L., Dzieciuch M., Goni G., Hamre T., King A. L., Olsen A., Raj R. P., Rossby T., Skagseth Ø., Søiland H., Sørensen K., **(2019)**, A Framework for the Development, Design and Implementation of a Sustained Arctic Ocean Observing System, **FRONTIERS IN MARINE SCIENCE**, 6, art 451, str 1-21, 10.3389/fmars.2019.00451
51. **Lubecki L., Kowalewska G., (2019)**, Plastic-derived contaminants in sediments from the coastal zone of the southern Baltic Sea, **MARINE POLLUTION BULLETIN**, 146, 255-262, 10.1016/j.marpolbul.2019.06.030
52. **Lubecki L.,** Oen A. M. P., Breedveld G. D., Zamojska A., **(2019)**, Vertical profiles of sedimentary polycyclic aromatic hydrocarbons and black carbon in the Gulf of Gdańsk (Poland) and Oslofjord/Drammensfjord (Norway), and their relation to regional energy transitions, **SCIENCE OF THE TOTAL ENVIRONMENT**, 646, 336-346, 10.1016/j.scitotenv.2018.07.300
53. Luoto T.P., Ojala A.E.K., **Zajączkowski M., (2019)**, Proxy-based 300-year High Arctic climate warming record from Svalbard, **POLAR RECORD**, 55 (3), 132-141, 10.1017/S0032247419000275
54. **Łącka M.,** Cao M., Rosell-Melé A., **Pawłowska J., Kucharska M.,** Forwick M., **Zajączkowski M., (2019)**, Postglacial paleoceanography of the western Barents Sea: Implications for alkenone-based sea surface temperatures and primary productivity, **QUATERNARY SCIENCE REVIEWS**, 224, art. 105973, str 1-14, 10.1016/j.quascirev.2019.105973
55. Łokas E., **Zaborska A.,** Sobota I., Gaca P., Milton J. A., Kocurek P., Cwanek A., **(2019)**, Airborne radionuclides and heavy metals in high Arctic terrestrial environment as the indicators of sources and transfers of contamination, **CRYOSPHERE**, 13, 2075-2086, 10.5194/tc-13-2075-2019
56. **Małachowicz M., Wenne R., (2019)**, Mantle transcriptome sequencing of *Mytilus* spp. and identification of putative biomineralization genes, **PEERJ**, 6:e6245 (str 1-22), 10.7717/peerj.6245

57. **Małachowicz M., Wenne R., (2019)**, Microarray analysis of gene expression of Atlantic cod from different Baltic Sea regions: Adaptation to salinity, **MARINE GENOMICS**, 48 art. 100681 (str 1-3), 10.1016/j.margen.2019.04.006
58. Martos-Sitcha J. A., Cadiz L., **Gozdowska M., Kulczykowska E.,** Martinez-Rodriguez G., Mancera J. M., **(2019)**, Arginine Vasotocin and Cortisol Co-regulate Vasotocinergetic, Isotocinergetic, Stress, and Thyroid Pathways in the Gilthead Sea Bream (*Sparus aurata*), **FRONTIERS IN PHYSIOLOGY**, 10, art 261 (str 1-15), 10.3389/fphys.2019.00261
59. **Mazurkiewicz M., Górska B.,** Renaud P. E., **Legeżyńska J.,** Berge Jørgen, **Włodarska-Kowalczyk M., (2019)**, Seasonal constancy (summer vs. winter) of benthic size spectra in an Arctic fjord, **POLAR BIOLOGY**, 42: 1255-1270, 10.1007/s00300-019-02515-2
60. Menze S., Ingvaldsen R. B., Haugan P., Fer I., Sundfjord A., **Beszczynska-Möller A.,** Falk-Petersen S., **(2019)**, Atlantic Water Pathways Along the North-Western Svalbard Shelf Mapped Using Vessel-Mounted Current Profilers, **JOURNAL OF GEOPHYSICAL RESEARCH: OCEANS**, 124, 1699–1716, 10.1029/2018JC014299
61. Molina E. J., **Silberberger M. J.,** Kokarev V., Reiss H., **(2019)**, Environmental drivers of benthic community structure in a deep sub-arctic fjord system, **ESTUARINE COASTAL AND SHELF SCIENCE**, 225, art. 106239 (str 1-12), 10.1016/j.ecss.2019.05.021
62. Morf A., Moodie J., Geec K., Giacomettib A., Kull M., **Piwowarczyk J.,** Schiele K., Zaucha J., Kellecioglu I., Luttmann A., Strand H., **(2019)**, Towards sustainability of marine governance: Challenges and enablers for stakeholder integration in transboundary marine spatial planning in the Baltic Sea, **OCEAN AND COASTAL MANAGEMENT**, 177, 200-212, 10.1016/j.ocecoaman.2019.04.009
63. Musialik-Koszarowska M., **Dzierzbicka-Głowacka L.,** Weydmann A., **(2019)**, Influence of environmental factors on the population dynamics of key zooplankton species in the Gulf of Gdańsk (Southern Baltic Sea), **OCEANOLOGIA**, 61, 17-25, 10.1016/j.oceano.2018.06.001
64. **Nowicki A., Janecki M., Dzierzbicka-Głowacka L., (2019)**, Operational system for automatic coastal upwelling detection in the Baltic Sea based on the 3D CEMBS model, **JOURNAL OF OPERATIONAL OCEANOGRAPHY**, 12 (2), 104-115, 10.1080/1755876X.2019.1569748
65. **Oleszczuk B.,** Michaud E., Morata N., Renaud P. E., **Kędra M., (2019)**, Benthic macrofaunal bioturbation activities from shelf to deep basin in spring to summer transition in the Arctic Ocean, **MARINE ENVIRONMENTAL RESEARCH**, 150, art.104746, (str 1-16), 10.1016/j.marenvres.2019.06.008
66. Olsen A., Lange N., Key R. M., Tanhua T., Álvarez M., Becker S., Bittig H. C., Carter B. R., Cortim da Cunha L., Feely R. A., van Heuven S., Hoppema M., Ishii M., Jeansson E., Jones S. D., Jutterström S., Karlsen M. K., Kozyr A., Lauvset S. K., Monaco C. L., Murata A., Pérez F. F., Pfeil B., Schirnack C., Steinfeldt R., Suzuki T., **Telszewski M.,** Tilbrook B., Velo A., Wanninkhof R., **(2019)**, GLODAPv2.2019 - an update of GLODAPv2, **EARTH SYSTEM SCIENCE DATA**, 11, 1437-1461, 10.5194/essd-11-1437-2019
67. Olsen L. M., Duarte P., Peralta-Ferriz C., Kauko H. M., Johansson M., Peeken I., Róžańska-Pluta M., **Tatarek A., Wiktor J.,** Fernández-Méndez M., Wagner P. M., **Pavlov A. K.,** Hop H., Assmy P., **(2019)**, A red tide the pack ice the Arctic Ocean, **SCIENTIFIC REPORTS**, 9:9536 (1-13), 10.1038/s41598-019-45935-0

68. Pearlman J., Bushnell M., Coppola L., Karstensen J., Buttigieg P. L., Pearlman F., Simpson P., Barbier M., Muller-Karger F. E., Munoz-Mas C., Pissierssens P., Chandler C., Hermes J., Heslop E., Jenkyns R., Achterberg E. P., Bensi M., Bittig H. C., Blandin J., Bosch J., Bourles B., Bozzano R., Buck J. J. H., Burger E. F., Cano D., Cardin V., Llorens M. C., Cianca A., Chen H., Cusack C., Delory E., Garello R., Giovanetti G., Harscoat V., Hartman S., Heitsenrether R., Jirka S., Lara-Lopez A., Lantéri N., Leadbetter A., Manzella G., Maso J., McCurdy A., Moussat E., Ntoumas M., Pensieri S., Petihakis G., Pinardi N., Pouliquen S., Przeslawski R., Roden N. P., Silke J., Tamburri M. N., Tang H., Tanhua T., **Telszewski M.**, Testor P., Thomas J., Waldmann C., Whoriskey F., **(2019)**, Evolving and Sustaining Ocean Best Practices and Standards for the Next Decade., **FRONTIERS IN MARINE SCIENCE**, 6 art. 277 (str 1-19), 10.3389/fmars.2019.00277
69. Pérez-Hernández M. D., Pickart R. S., Torres D. J. , Bahr F., Sundfjord A., Ingvaldsen R., Renner A. H. H., **Beszczynska-Möller A.**, von Appen W. J., Pavlov V., **(2019)**, Structure, Transport, and Seasonality of the Atlantic Water Boundary Current North of Svalbard: Results From a Yearlong Mooring Array, **JOURNAL OF GEOPHYSICAL RESEARCH: OCEANS**, 124, 1679–1698, 10.1029/2018JC014759
70. **Piwowarczyk J.**, Gee K., Gilek M., Hassler B., Luttmann A., Maack L., Matczak M., Morf A., Saunders F., Stalmokaitė I., Zaucha J., **(2019)**, Insights into integration challenges in the Baltic Sea Region marine spatial planning: Implications for the HELCOM-VASAB principles, **OCEAN AND COASTAL MANAGEMENT**, 177, 98-109, 10.1016/j.ocecoaman.2019.03.023
71. **Piwowarczyk J.**, Matczak M., Rakowski M., Zaucha J., **(2019)**, Challenges for integration of the Polish fishing sector into marine spatial planning (MSP): do fishers and planners tell the same story?, **OCEAN & COASTAL MANAGEMENT**, 181, art.. 104917, str 1-14, 10.1016/j.ocecoaman.2019.104917
72. **Pomianowski K.**, Jankun M., Ocalewicz K., **(2019)**, Cytogenetic identification of genomic elements of brook trout (*Salvelinus fontinalis*) in the karyotype of Arctic char (*Salvelinus alpinus*) from the aquaculture broodstock, **JOURNAL OF APPLIED ICHTHYOLOGY**, 35: 963-969, 10.1111/jai.13913
73. Renaud P. E., Wallhead P., Kotta J., **Włodarska-Kowalczyk M.**, Bellerby R. G. J., Rätsep M., Slagstad D., **Kukliński P.**, **(2019)**, Arctic Sensitivity? Suitable Habitat for Benthic Taxa Is Surprisingly Robust to Climate Change, **FRONTIERS IN MARINE SCIENCE**, 6, art 538, str 1-14, 10.3389/fmars.2019.00538
74. Roemmich D., Alford M. H., Claustre H., Johnson K., King B., Moum J., Oke P., Owens W. B., Pouliquen S., Purkey S., Scanderbeg M., Suga T., Wijffels S., Zilberman N., Bakker D., Baringer M., Belbeoch M., Bittig H. C., Boss E., Calil P., Carse F., Carval T., Chai F., Conchubhair D. Ó., d'Ortenzio F., Dall'Olmo G., Desbruyeres D., Fennel K., Fer I., Ferrari R., Forget G., Freeland H., Fujiki T., Gehlen M., Greenan B., Hallberg R., Hibiya T., Hosoda S., Jayne S., Jochum M., Johnson G. C., Kang K., Kolodziejczyk N., Körtzinger A., Le Traon P. Y., Lenn Y. D., Maze G., Mork K. A., Morris T., Nagai T., Nash J., Garabato A. N., Olsen A., Pattabhi R. R., Prakash S., Riser S., Schmechtig C., Schmid C., Shroyer E., Sterl A., Sutton P., Talley L., Tanhua T., Thierry V., Thomalla S., Toole J., Troisi A., Trull T. W., Turton J., Velez-Belchi P. J., **Walczowski W.**, Wang H., Wanninkhof R., Waterhouse A. F., Waterman S., Watson A., Wilson C., A. P. S. Wong, Xu J., Yasuda I., **(2019)**, On the Future of Argo: A Global, Full-Depth, Multi-Disciplinary Array, **FRONTIERS IN MARINE SCIENCE**, 6, art 439, str 1-28, 10.3389/fmars.2019.00439

75. **Ronowicz M.**, Peña Cantero A. L., Mercado Casares B., **Kukliński P.**, Soto Angel J. J., (2019), Assessing patterns of diversity, bathymetry and distribution at the poles using Hydrozoa (Cnidaria) as a model group, **HYDROBIOLOGIA**, 833 (1), 25-51, 10.1007/s10750-018-3876-5
76. Saniewska D., Gębka K., Beldowska M., **Siedlewicz G.**, **Beldowski J.**, Wilman B., (2019), Impact of hydrotechnical works on outflow of mercury from the riparian zone to a river and input to the sea, **MARINE POLLUTION BULLETIN**, 142, 361-376, 10.1016/j.marpolbul.2019.03.059
77. **Schlichtholz P.**, Marciniak J., Maslowski W., (2019), Proxies for heat fluxes to the Arctic Ocean through Fram Strait, **OCEAN MODELLING**, 137, 21-39, 10.1016/j.ocemod.2019.02.007
78. **Schlichtholz P.**, (2019), Subsurface ocean flywheel of coupled climate variability in the Barents Sea hotspot of global warming. **SCIENTIFIC REPORTS**, 9, 13692 (str 1-16), 10.1038/s41598-019-49965-6
79. **Schlichtholz P.**, (2019), Upper-tropospheric bridging of wintertime surface climate variability in the Euro-Atlantic region and northern Asia. **SCIENTIFIC REPORTS**, 9, 14660 (str 1-21), 10.1038/s41598-019-51019-w
80. Schröter F., Havermans C., Kraft A., Knüppel N., **Beszczynska-Möller A.**, Bauerfeind E., Nöthig E-M, (2019), Pelagic Amphipods in the Eastern Fram Strait With Continuing Presence of *Themisto compressa* Based on Sediment Trap Time Series. **FRONTIERS IN MARINE SCIENCE**, 6:311, (str 1-11), 10.3389/fmars.2019.00311
81. She J., Muñoz Piniella Á., Benedetti-Cecchi L., Boehme L., Boero F., Christensen A., Crowe T., **Darecki M.**, Nogueira E., Gremare A., Hernandez F., Kouts T., Kromkamp J., Petihakis G., Sousa Pinto I., Reissmann J. H., Tuomi L., Zingone A., (2019), An Integrated Approach to Coastal and Biological Observations, **FRONTIERS IN MARINE SCIENCE**, 6:314, (str 1-6), 10.3389/fmars.2019.00314
82. Simoniello C., Jencks J., Lauro F. M., Loftis J. D., **Węśławski J. M.**, **Deja K.**, Forrest D. R., Gossett S., Jeffries T. C., Jensen R. M., Kobara S., Nolan L., Ostrowski M., Pounds D., Roseman G., Basco O., Gosselin S., Reed A., Wills P., Wyatt D., (2019), Citizen-Science for the Future: Advisory Case Studies From Around the Globe, **FRONTIERS IN MARINE SCIENCE**, 6, art 225 (str 1-15), 10.3389/fmars.2019.00225
83. Skrzynska A. K., Martínez-Rodríguez G., **Gozdowska M.**, **Kulczykowska E.**, Mancera J. M., Martos-Sitcha J. A., (2019), Aroclor 1254 inhibits vasotocinerpic pathways related to osmoregulatory and stress functions in the gilthead sea bream (*Sparus aurata*, Linnaeus 1758), **AQUATIC TOXICOLOGY**, 212, 98-109, 10.1016/j.aquatox.2019.04.019
84. **Stoń-Egiert, J.**, Majchrowski, R., **Ostrowska, M.**, (2019), Distributions of photosynthetic and photoprotecting pigment concentrations in the water column in the Baltic Sea: an improved mathematical description, **OCEANOLOGIA**, 61, 1-16, 10.1016/j.oceano.2018.08.004
85. **Stramska M.**, **Aniśkiewicz P.**, (2019), Recent Large Scale Environmental Changes in the Mediterranean Sea and Their Potential Impacts on *Posidonia Oceanica*, **REMOTE SENSING**, 11 (2), nr art. 110, (str 1-29), 10.3390/rs11020110
86. **Stramska M.**, **Aniśkiewicz P.**, Satellite Remote Sensing Signatures of the Major Baltic Inflows, **REMOTE SENSING**, 2019, 11(8), 954 (str 1-21).
87. Svensen C., Halvorsen E., Vernet M., Franzè G., Dmoch K., Lavrentyev P. J., **Kwaśniewski S.**, (2019), Zooplankton Communities Associated With New and Regenerated Primary Production in the Atlantic Inflow North of Svalbard. **FRONTIERS IN MARINE SCIENCE**. 6:293, 10.3389/fmars.2019.00293

88. **Szymczak-Żyła M., Krajewska M.,** Witak M., Ciesielski T. M., Ardelan M. V., Jenssen B. M., Goslar T., **Winogradow A.,** Filipkowska A., **Lubecki L.,** Zamojska A., **Kowalewska G., (2019),** Present and Past-Millennial Eutrophication in the Gulf of Gdańsk (Southern Baltic Sea), **PALEOCEANOGRAPHY AND PALEOCLIMATOLOGY**, 34, 136-152, 10.1029/2018PA003474
89. Śliwińska-Wilczewska S., **Cieszyńska A., Konik M.,** Maculewicz J., (2019), Environmental drivers of bloom-forming cyanobacteria in the Baltic Sea: Effects of salinity, temperature, and irradiance, **ESTUARINE COASTAL AND SHELF SCIENCE**, 219, 139-150, 10.1016/j.ecss.2019.01.016
90. Tanhua T., McCurdy A., Fischer A., Appeltans W., Bax N., Currie K., DeYoung B., Dunn D., Heslop E., Glover L. K., Gunn J., Hill K., Ishii M., Legler D., Lindstrom E., Miloslavich P., Moltmann T., Nolan G., **Palacz A.,** Simmons S., Sloyan B., Smith L. M., Smith N., **Telszewski M.,** Visbeck M., Wilkin J., (2019), What We Have Learned From the Framework for Ocean Observing: Evolution of the Global Ocean Observing System, **FRONTIERS IN MARINE SCIENCE**, vol. 6, art. UNSP 471, str 1-18, 10.3389/fmars.2019.00471
91. Tilbrook B., Jewett E. B., DeGrandpre M. D., Hernandez-Ayon J. M., Feely R. A., Gledhill D.K., Hansson L., Isensee K., Kurz M. L., Newton J. A., Siedlecki S. A., Chai F., Dupont S., Graco M., Calvo E., Greeley D., Kapsenberg L., Lebrek M., Pelejero C., Schoo K. L., **Telszewski M., (2019),** An Enhanced Ocean Acidification Observing Network: From People to Technology to Data Synthesis and Information Exchange. **FRONTIERS IN MARINE SCIENCE** 6 art 337(str 1-21), 10.3389/fmars.2019.00337
92. Walczyńska K. S., Søreide J. E., Weydmann-Zwolicka A., **Ronowicz M.,** Gabrielsen T. M., (2019), DNA barcoding of Cirripedia larvae reveals new knowledge on their biology in Arctic coastal ecosystems, **HYDROBIOLOGIA**, 837, 149-159, 10.1007/s10750-019-3967-y
93. Wanninkhof R., Pickers P. A., Omar A. M., Sutton A., Murata A., Olsen A., Stephens B. B., Tilbrook B., Munro D., Pierrot D., Rehder G., Santana-Casiano J. M., Müller J. D., Trinanes J., Tedesco K., O'Brien K., Currie K., Barbero L., **Telszewski M.,** Hoppema M., Ishii M., González-Dávila M., Bates N. R., Metzl N., Suntharalingam P., Feely R. A., Nakaoka S., Lauvset S. K., Takahashi T., Steinhoff T., Schuster U., (2019), A Surface Ocean CO₂ Reference Network, SOCONET and Associated Marine Boundary Layer CO₂ Measurements, **FRONTIERS IN MARINE SCIENCE**, vol. 6 art 400, (str 1-21), 10 3389/fmars.2019.00400
94. Werner K., Zaika Y., **Pavlov A. K.,** Lidström S., Pope A., Badhe R., Brückner M., Cristini L., (2019), Project and Community Management in Polar Sciences – Challenges and Opportunities, **ADVANCES IN GEOSCIENCES**, 46 , pp. 25-43, 10.5194/adgeo-46-25-2019
95. **Winogradow A.,** Mackiewicz A., **Pempkowiak J., (2019),** Seasonal changes in particulate organic matter (POM) concentrations and properties measured from deep areas of the Baltic Sea, **OCEANOLOGIA**, 61 (4), 505-521, 10.1016/j.oceano.2019.05.004
96. **Włodarska-Kowalczyk M.,** Aune M., Michel L. N., **Zaborska A., Legeżyńska J., (2019),** Is the trophic diversity of marine benthic consumers decoupled from taxonomic and functional trait diversity? Isotopic niches of Arctic communities., **LIMNOLOGY AND OCEANOGRAPHY**, 64 (5), 2140-2151, 10.1002/lno.11174

97. **Włodarska-Kowalczyk M., Mazurkiewicz M., Górka B.,** Michel L. N., Jankowska E., Zaborska A., (2019), Organic carbon origin, benthic faunal consumption and burial in sediments of northern Atlantic and Arctic fjords (60-81 °N), **JOURNAL OF GEOPHYSICAL RESEARCH: BIOGEOSCIENCES**, 124, 3737-3751, 10.1029/2019JG005140
98. Wojciechowska E., Nawrot N., **Walkusz-Miotk J.,** Matej-Łukowicz K., **Pazdro K.,** (2019), Heavy Metals in sediments of Urban Streams: Contamination and Health Risk Assessment of Influencing Factors, **SUSTAINABILITY**, 11(3), nr art 563, (str 1-14), 10.3390/su11030563
99. Wojciechowska E., Pietrzak S., Matej-Łukowicz K., Nawrot N., Zima P., Kalinowska D., Wielgat P., Obarska-Pempkowiak H., Gajewska M., Dembska G., Jasiński P., Pazikowska-Sapota G., Galer-Tatarowicz K., **Dzierzbicka-Głowacka L.,** (2019), Nutrient loss from three small-size watersheds in the southern Baltic Sea in relation to agricultural practices and policy, **JOURNAL OF ENVIRONMENTAL MANAGEMENT**, 252, 109637, (str 1-14), 10.1016/j.jenvman.2019.109637
100. Wojtasik B, **Zbawicka M,** Grabarczyk L, Kurpińska M., (2019), The lethal effect of hydrotechnical concrete on freshwater Bivalvia, **LIMNOLOGICAL REVIEW** 19, 3: 137–145, 10.2478/limre-2019-0012
101. Wolecki D., Caban M., **Pazdro K.,** Mulkiwicz E., Stepnowski P., Kumirska J., (2019), Simultaneous determination of non-steroidal anti-inflammatory drugs and natural estrogens in the mussels *Mytilus edulis trossulus*, **TALANTA**, 200, 316-323
102. Woolf D.K., Shutler J.D., Goddijn-Murphy L., Watson A.J., Chapron B., Nightingale P.D., Donlon C.J., **Piskozub J.,** Yelland M. J., Ashton I., Holding T., Schuster U., Girard-Arduin F., Grouazel A., Piolle J. –F., Warren M., **Wróbel-Niedźwiecka I.,** Land P. E., Torres R., Prytherch J., Moat B., Hanafin J., Arduin F., Paul F., (2019), Key Uncertainties in the Recent Air-Sea Flux of CO₂, **GLOBAL BIOGEOCHEMICAL CYCLES**, 33, 1548-1563, 10.1029/2018GB006041
103. **Woźniak S., Darecki M., Sagan S.,** (2019), Empirical Formulas for Estimating Backscattering and Absorption Coefficients in Complex Waters from Remote-Sensing Reflectance Spectra and Examples of Their Application, **SENSORS**, 19 (18), 4043, (str 1-25), 10.3390/s19184043
104. **Wróbel-Niedźwiecka I., Drozdowska V., Piskozub J.,** (2019), Effect of drag coefficient formula choice on wind stress climatology in the North Atlantic and the European Arctic, **OCEANOLOGIA**, 61 (3), 291-299, 10.1016/j.oceano.2019.02.002
105. **Zaborska A., Siedlewicz G., Szymczycha B., Dzierzbicka-Głowacka L., Pazdro K.,** (2019), Legacy and emerging pollutants in the Gulf of Gdańsk (southern Baltic Sea) - loads and distribution revisited, **MARINE POLLUTION BULLETIN**, 139, 238-255, 10.1016/j.marpolbul.2018.11.060
106. **Zbawicka M.,** Gardner J. P. A., **Wenne R.,** (2019), Cryptic diversity in smooth-shelled mussels on Southern Ocean islands: connectivity, hybridisation and a marine invasion., **FRONTIERS IN ZOOLOGY**, 16: 32 (str 1-12), 10.1186/s12983-019-0332-y

Monografie naukowe (lub rozdziały) wydane przez wydawnictwa zamieszczone w wykazie wydawnictw.

1. Bischof K., Convey P., Duarte P., Gattuso J. P., Granberg M., Hop H., Hoppe C., Jiménez C., Lisitsyn L., Martinez B., Roleda M. Y., Thor P., **Wiktor J. M.**, Gabrielsen G. W., (2019), Kongsfjorden as Harbinger of the Future Arctic: Knowns, Unknowns and Research Priorities, 537-562, chapter 14, doi: 10.1007/978-3-319-46425-1_14 In: Hop H., Wiencke C. (eds) The ecosystem of Kongsfjorden, Svalbard, vol 2, book series Advances in Polar Ecology, **Springer, Cham, Switzerland**, strony 565, ISBN 978-3-319-46423-7, ISBN 978-3-319-46425-1 (eBook), 10.1007/978-3-319-46425-1
2. Carniel S., **Beldowski J.**, Edwards M., (2019), Munitions in the Sea, pp. 139-163 in: Cumming, A. S., Johnson M. S., (Eds.), Energetic Materials and Munitions: Life Cycle Management, Environmental Impact, and Demilitarization. **Wiley-VCH, Weinheim**, 264, ISBN: 978-3-527-34483-3; e-ISBN 978-3-527-81666-8
3. Duarte P., **Węśławski J. M.**, Hop H., (2019), Outline of an Arctic fjord Ecosystem Model for Kongsfjorden-Krossfjorden, Svalbard, 485-514, chapter 12, doi: 10.1007/978-3-319-46425-1_12 In: Hop H., Wiencke C. (eds) The ecosystem of Kongsfjorden, Svalbard, vol 2, book series Advances in Polar Ecology, **Springer, Cham, Switzerland**, strony 565, ISBN 978-3-319-46423-7, ISBN 978-3-319-46425-1 (eBook), 10.1007/978-3-319-46425-1
4. Fredriksen S., Karsten U., Bartsch I., Woelfel J., Koblowsky M., Schumann R., Moy S. R., Steneck R. S., **Wiktor J. M.**, Hop H., Wiencke C., (2019), Biodiversity of Benthic Macro- and Microalgae from Svalbard with Special Focus on Kongsfjorden, 331-371, chapter 9, doi: 10.1007/978-3-319-46425-1_9 In: Hop H., Wiencke C. (eds) The ecosystem of Kongsfjorden, Svalbard, vol 2, book series Advances in Polar Ecology, **Springer, Cham, Switzerland**, strony 565, ISBN 978-3-319-46423-7, ISBN 978-3-319-46425-1 (eBook), 10.1007/978-3-319-46425-1
5. Hegseth E. N., Assmy P., **Wiktor J. M.**, **Wiktor J. jr.**, Kristiansen S., Leu E., Tverberg V., Gabrielsen T. M., Skogseth R., Cottier F., (2019), Phytoplankton Seasonal Dynamics in Kongsfjorden, Svalbard and the Adjacent Shelf, 173-227, chapter 6, doi: 10.1007/978-3-319-46425-1_6 In: Hop H., Wiencke C. (eds) The ecosystem of Kongsfjorden, Svalbard, vol 2, book series Advances in Polar Ecology, **Springer, Cham, Switzerland**, strony 565, ISBN 978-3-319-46423-7, ISBN 978-3-319-46425-1 (eBook), 10.1007/978-3-319-46425-1
6. Hop H., Wold A., Vihtakari M., Daase M., **Kwaśniewski S.**, **Głuchowska M.**, Lischka S., Buchholz F., Falk-Petersen S., (2019), Zooplankton in Kongsfjorden (1996-2016) in Relation to Climate Change, 229-300, chapter 7, doi: 10.1007/978-3-319-46425-1_7 In: Hop H., Wiencke C. (eds) The ecosystem of Kongsfjorden, Svalbard, vol 2, book series Advances in Polar Ecology, **Springer, Cham, Switzerland**, strony 565, ISBN 978-3-319-46423-7, ISBN 978-3-319-46425-1 (eBook), 10.1007/978-3-319-46425-1
7. Molis M., Beuchel F., Laudien J., **Włodarska-Kowalczyk M.**, Buschbaum C., (2019), Ecological Drivers of and Responses by Arctic Benthic Communities, with an Emphasis on Kongsfjorden, Svalbard, 423-481, chapter 11, doi: 10.1007/978-3-319-46425-1_11 In: Hop H., Wiencke C. (eds) The ecosystem of Kongsfjorden, Svalbard, vol 2, book series Advances in Polar Ecology, **Springer, Cham, Switzerland**, strony 565, ISBN 978-3-319-46423-7, ISBN 978-3-319-46425-1 (eBook), 10.1007/978-3-319-46425-1

8. Morf A., Kull M., **Piwowarczyk J.**, Gee K., (2019), Towards aadder of Marine/Maritime Spatial Planning Participation 219-243, rozdział 10 in: Zaucha j., Gee K. (eds) Maritime Spatial Planning past, present, future (str 477), ISBN 978-3-319-98695-1, ISBN e-book 978-3-319-98696-8, <https://doi.org/10.1007/978-3-319-98696-8>, wyd. **Palgrave Macmillan**
9. **Ostrowska M., Darecki M.**, Teledetekcja w Oceanologii, [w] Nowa cywilizacja kosmiczna, satelity w służbie Ziemi. red. Brodecki Z., Polkowska M., **Instytut Wydawniczy EuroPrawo**, 2019, nr kat. 1168, str. 142-157, ISBN: 978-83-7627-176-7
10. **Pavlov A. K.**, Leu E., Hanelt D., Bartsch I., Karsten U., Hudson S. R., Gallet J. C., Cottier F., Cohen J. H., Berge J., Johnsen G., Maturilli M., **Kowalczyk P., Sagan S., Meler J.**, Granskog M. A. (2019) The underwater light climate in Kongsfjorden and its ecological implications, 137-170, chapter 5, doi: 10.1007/978-3-319-46425-1_5 In: Hop H., Wiencke C. (eds) The ecosystem of Kongsfjorden, Svalbard, vol 2, book series Advances in Polar Ecology, **Springer, Cham, Switzerland**, strony 565, ISBN 978-3-319-46423-7, ISBN 978-3-319-46425-1 (eBook), 10.1007/978-3-319-46425-1
11. **Szymczycha B., Zaborska A., Beldowski J., Kuliński K., Beszczyńska-Möller A., Kędra M., Pempkowiak J.**, (2019), The Baltic, pp. 85-111, Chapter 4 in book: Series: World Seas: An Environmental Evaluation Vol. 1, Europe, The Americas and West Africa, editor Charles RC Sheppard, **Academic Press**, ISBN 978-0-12-805068-2, (str 914), 10.1016/B978-0-12-805068-2.00005-X
12. Tverberg V., Skogseth R., Cottier F., Sundfjord A., **Walczowski W.**, Inall M. E., Falck E., Pavlova O., Nilsen F., (2019), The Kongsfjorden Transect: Seasonal and Inter-annual Variability in Hydrography, 49-104, chapter 3, doi: 10.1007/978-3-319-46425-1_3, In: Hop H., Wiencke C. (eds) The ecosystem of Kongsfjorden, Svalbard, vol 2, book series Advances in Polar Ecology, **Springer, Cham, Switzerland**, strony 565, ISBN 978-3-319-46423-7, ISBN 978-3-319-46425-1 (eBook), 10.1007/978-3-319-46425-1

Monografie naukowe (lub rozdziały) wydane przez wydawnictwa niezamieszczone w wykazie wydawnictw.

1. **Borzycka K., Zabłocka M., Sagan S.**, (2019), Measuring techniques of water clarity and particle depletion around mussel farms. Coastal & Marine 28, 24
2. Heymans SJJ (editor) Britt A., Muñiz Piniella A., Kellett P., Coopman J., Larkin K. Boero F., Cummins V., Gault J., Huse G., Philippart C. J. M., Schneider R., Besiktepe S., Boeuf G., Coll M., Garcia-Soto C., Horsburgh K., Kopp H., Malfatti F., Mariani P., Matz-Lück N., Mees J., Pinheiro L. M., Lacroix D., Le Tissier M., Paterson D. M., Schernewski G., Thébaud O., Vandegehuchte M. B., Villasante S., Visbeck M., **Węślawski J. M.** (2019) **European Marine Board (2019) Navigating the Future V: Marine Science for a Sustainable Future. Position Paper 24** of the European Marine Board, Ostend, Belgium. ISBN: 9789492043757. ISSN: 0167-9309, 10.5281/zenodo.2809392
3. **Kalamarz-Kubiak H.**, (2019), Prolegomena do studiów nad zniewoleniem ryb, 203-222, w: eds. Mamzer H., Żok A.: Bezpieczne czy zniewolone? Szkice o zwierzętach; ISBN 978-83-61231-66-0, str 288, wyd. EPIGRAM