

Development of cyclic shedding teeth from semi-shedding teeth : the inner dental arcade of the stem osteichthyan Lophosteus

Chen, Donglei; Blom, Henning; Sanchez, Sophie; Tafforeau, Paul; **Märss, Tiiu**; Ahlberg, Per E. Royal Society open science 2017 / art. 161084 : ill <http://dx.doi.org/10.1098/rsos.161084>

Exploring the three-dimensional vasculature of dermal hard tissues in thyeistiid osteostracans using synchrotron radiation microtomography

Bremer, Oskar; Qu, Qingming; Sanchez, Sophie; **Märss, Tiiu**; Fernandez, Vincent; Blom, Henning Journal of Vertebrate Paleontology 2022 / art. e2196318 <https://doi.org/10.1080/02724634.2023.2196318> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

'Natural experiments' reveal patterning logic of the dental development in the most primitive osteichthyan Lophosteus

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The developmental relationship between teeth and dermal odontodes in the most primitive bony fish Lophosteus

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The emergence of a complex pore-canal system in the dermal skeleton of Tremataspis (Osteostraci)

Bremer, Oskar; Qu, Qingming; Sanchez, Sophie; **Märss, Tiiu**; Fernandez, Vincent; Blom, Henning Journal of Morphology 2021 / p. 1141-1157 <https://doi.org/10.1002/jmor.21359> [Journal metrics at Scopus](#) [Article at WOS](#) [Journal metrics at WOS](#) [Article at WOS](#)

The histology of osteostracan hard tissue revisited using synchrotron radiation microtomography

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