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| <b>Festa, Andrea; Barbero, Edoardo; Remitti, Francesca; Ogata, Kei; Pini, Gian Andrea;</b>                                                                                                       | Mélanges and chaotic rock units: implications for exhumed subduction complexes and orogenic belts                                                    | Geosystems and Geoenvironment                        | 1    | 2 | 100030    | 2022 | Elsevier                                          |
| <b>Storti, Fabrizio; Bistacchi, Andrea; Borsani, Angelo; Balsamo, Fabrizio; Fetter, Marcos; Ogata, Kei;</b>                                                                                      | Spatial and spacing distribution of joints at (over-) saturation in the turbidite sandstones of the Marnoso-Arenacea Fm. (Northern Apennines, Italy) | Journal of Structural Geology                        | 156  |   | 104551    | 2022 | Pergamon                                          |
| <b>Senger, K; Betlem, P; Birchall, T; Dahlin, A; Horota, RK; Lord, G; Janocha, J; Kuckero, L; Ogata, K; Olausson, S;</b>                                                                         | Svalbox: digitizing and integrating Svalbard's geoscientific record                                                                                  | Second EAGE Digitalization Conference and Exhibition | 2022 | 1 | 1-5       | 2022 | European Association of Geoscientists & Engineers |
| <b>Koornneef, Janne M; Schriever, Vincent; Goede, Ayra; Boonstra, Julian; Gartner, Antoine JJ Bracco; Luciani, Natascia; Ogata, Kei; Segadelli, Stefano; Iannace, Alessandro; Vroon, Pieter;</b> | Can we quantify sediment recycling in Italy's post-collisional subduction system?                                                                    | <i>2022 Goldschmidt Conference.</i>                  |      |   |           | 2022 |                                                   |
| <b>Betlem, P; Birchall, T; Lord, G; Løvlie, K; Nakken, L; Oldfield, S; Ogata, K; Sauvin, G; Senger, K; Skurtveit, E;</b>                                                                         | Integrated Characterization of the Faulted Caprock Shales of the Longyearbyen CO2 Lab                                                                | 83rd EAGE Annual Conference & Exhibition             | 2022 | 1 | 1-5       | 2022 | European Association of Geoscientists & Engineers |
| <b>Segadelli, Stefano; Ogata, Kei; Cocuccioni, Marco; Gambini, Stefano; Martelli, Luca; Morandi, Lionello F; Oppo, Gabriele;</b>                                                                 | Holocene Evolution of Minor Mountain Lacustrine Basins in the Northern Apennines, Italy: The Lake Moo Case Study                                     | Geosciences                                          | 12   | 7 | 272       | 2022 | MDPI                                              |
| <b>Betlem, Peter; Birchall, Thomas; Lord, Gareth; Oldfield, Simon; Nakken, Lise; Ogata, Kei; Senger, Kim;</b>                                                                                    | High resolution digital outcrop model of faults and fractures in caprock shales, Konusdalen West, central Spitsbergen                                | Earth System Science Data Discussions                | 2022 |   | 1-30      | 2022 | Göttingen, Germany                                |
| <b>Tavani, Stefano; Ogata, Kei; Vinci, Francesco; Sabbatino, Monia; Kylander-Clark, Andrew; Caterino, Giovanni; Buglione, Alessandro; Cibelli, Alessio; Maresca, Augusto; Iacopini, David;</b>   | Post-rift Aptian-Cenomanian extension in Adria, insight from the km-scale Positano-Vico Equense syn-sedimentary fault                                | Journal of Structural Geology                        | 168  |   | 104820    | 2023 | Pergamon                                          |
| <b>Maresca, Augusto; Granado, Pablo; Muñoz, Josep A; Manatschal, Gianreto; Ogata, Kei; Tavani, Stefano;</b>                                                                                      | A new crustal balanced cross-section through the Central Apennines (Italy)                                                                           | EGU General Assembly Conference Abstracts            |      |   | EGU-267   | 2023 |                                                   |
| <b>Weert, Annelotte; Vinci, Francesco; Ogata, Kei; Amory, Jerome; Tavani, Stefano;</b>                                                                                                           | How multiple stage rifting influences the planning of geothermal systems: a case study from the West Netherlands Basin                               | EGU General Assembly Conference Abstracts            |      |   | EGU-291   | 2023 |                                                   |
| <b>Ogata, Kei; Weert, Annelotte; Betlem, Peter; Birchall, Thomas; Senger, Kim;</b>                                                                                                               | Investigating sub-seismic sedimentary intrusions in the Middle Jurassic to Lower Cretaceous Agardhfjellet Formation (Svalbard)                       | EGU General Assembly Conference Abstracts            |      |   | EGU-14662 | 2023 |                                                   |
| <b>Festa, Andrea; Barbero, Edoardo; Dilek, Yildirim; Remitti, Francesca; Ogata, Kei; Pini, Gian Andrea;</b>                                                                                      | Significance of ophiolitic mélanges and chaotic rock units in the evolution of subduction complexes and orogenic belts                               | EGU General Assembly Conference Abstracts            |      |   | EGU-9853  | 2023 |                                                   |
| <b>Ogata, Kei; Weert, Annelotte; Betlem, Peter; Birchall, Thomas; Senger, Kim;</b>                                                                                                               | Shallow and deep subsurface sediment remobilization and intrusion                                                                                    | Geosphere                                            | 19   | 3 | 801-822   | 2023 | Geological Society of America                     |

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|                                                                                                                                                                                                | in the Middle Jurassic to Lower Cretaceous Agardhfjellet Formation (Svalbard)                                                                                           |                                                                               |      |   |          |      |                                            |
| <b>Weert, Annelotte; Ogata, Kei; Vinci, Francesco; Leo, Coen; Bertotti, Giovanni; Amory, Jerome; Tavani, Stefano;</b>                                                                          | Multiple phase rifting and subsequent inversion in the West Netherlands Basin: implications for geothermal reservoir characterization                                   | EGUsphere                                                                     | 2023 |   | 1-26     | 2023 | Copernicus Publications Göttingen, Germany |
| <b>Parente, M; Amodio, S; Iannace, A; Ogata, K;</b>                                                                                                                                            | The Cretaceous Carbonates of Monte Faito                                                                                                                                | Post-Meeting Field Trip 1-17th Bathrust Meeting of Carbonate Sedimentologists |      |   | 1-33     | 2023 |                                            |
| <b>Gianese, Andrea; Franceschi, Marco; Ogata, Kei; Pogačnik, Željko; Ponton, Maurizio; Corradetti, Amerigo; Parisi, Filippo; Barago, Nicolò; Landucci, Cristiano; Kruitbosch, Edwin;</b>       | The Mass-Transport Deposits of the Paleogene Julian Basin (Italy/Slovenia): observations on the dynamic of emplacement and tsunamigenic potential                       |                                                                               |      |   |          | 2023 | -                                          |
| <b>Weert, Annelotte; Ogata, Kei; Vinci, Francesco; Leo, Coen; Bertotti, Giovanni; Amory, Jerome; Tavani, Stefano;</b>                                                                          | Multiple phase rifting and subsequent inversion in the West Netherlands Basin: implications for geothermal reservoir characterization                                   | Solid Earth                                                                   | 15   | 2 | 121-141  | 2024 | Copernicus GmbH                            |
| <b>Betlem, Peter; Birchall, Thomas; Lord, Gareth; Oldfield, Simon; Nakken, Lise; Ogata, Kei; Senger, Kim;</b>                                                                                  | High-resolution digital outcrop model of the faults, fractures, and stratigraphy of the Agardhfjellet Formation cap rock shales at Konusdalen West, central Spitsbergen | Earth System Science Data                                                     | 16   | 2 | 985-1006 | 2024 | Copernicus Publications Göttingen, Germany |
| <b>Weert, Annelotte; Vinci, Francesco; Iacopini, David; van der Vegt, Paul; Tavani, Stefano; Ogata, Kei;</b>                                                                                   | From hydrocarbons to geothermal energy: a case study from the Dutch subsurface                                                                                          | EGU General Assembly Conference Abstracts                                     |      |   | 3864     | 2024 |                                            |
| <b>Maresca, Augusto; Granado, Pablo; Muñoz, Josep A; Manatschal, Gianreto; Ogata, Kei; Tavani, Stefano;</b>                                                                                    | Rift inheritance in a fold-and-thrust belt evolution: Central Apennine crustal balanced cross-section                                                                   | EGU General Assembly Conference Abstracts                                     |      |   | 5837     | 2024 |                                            |
| <b>Lucca, Alessio; Ogata, Kei; Balsamo, Fabrizio; Borsani, Angelo; Clemenzi, Luca; Hatushika, Raphael; Tinterri, Roberto; Storti, Fabrizio;</b>                                                | Sedimentary facies control on fracture and mechanical stratigraphy in siliciclastics: Marnoso-arenacea formation, Northern Apennines, Italy                             | Marine and Petroleum Geology                                                  | 167  |   | 106927   | 2024 | Elsevier                                   |
| <b>Lucca, A; Balsamo, F; De Risio, CA; Ogata, K; Porta, F; Tavani, S; Storti, F;</b>                                                                                                           | Facies and mechanical stratigraphy control fracture intensity, topology and fractal dimension in folded turbidite sandstones, Northern Apennines, Italy                 | Journal of Structural Geology                                                 | 191  |   | 105307   | 2025 | Pergamon                                   |
| <b>Senger, Kim; Ammerlaan, Fenna; Betlem, Peter; Dumais, Marie-Andrée; Eagles, Graeme; Foster, William; Geissler, Wolfram H; Grundvåg, Sten-Andreas; Hodson, Andrew; Horota, Rafael Kenji;</b> | Geology of Svalbard: Deep-time and Deep-Earth (SVALGEOL)                                                                                                                | The State of Environmental Science in Svalbard—an annual report               |      |   |          | 2025 |                                            |
| <b>Weert, Annelotte; Camanni, Giovanni; Mercuri, Marco; Ogata, Kei; Vinci, Francesco; Tavani, Stefano;</b>                                                                                     | Displacement analysis of basin-scale reactivated normal faults: insights from the West Netherlands Basin                                                                | Journal of Structural Geology                                                 |      |   | 105356   | 2025 | Pergamon                                   |
| <b>Weert, Annelotte; Camanni, Giovanni; Mercuri, Marco;</b>                                                                                                                                    | Fault growth and reactivation in the West Netherlands                                                                                                                   | EGU General Assembly 2025                                                     |      |   |          | 2025 |                                            |

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| Ogata, Kei; Vinci, Francesco;<br>Tavani, Stefano; | Basin: Implications for<br>subsurface renewable<br>energy projects |  |  |  |  |  |  |
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