

Katja Deckart

List of Publications by Year in descending order

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28
papers

1,154
citations

516710

16
h-index

501196

28
g-index

28
all docs

28
docs citations

28
times ranked

1068
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Age of the Ponta Grossa dike swarm (Brazil), and implications to Parana flood volcanism. <i>Earth and Planetary Science Letters</i> , 1996, 144, 199-211. | 4.4 | 221 |
| 2 | Geochemistry and Sr, Nd, Pb isotopic composition of the Central Atlantic Magmatic Province (CAMP) in Guyana and Guinea. <i>Lithos</i> , 2005, 82, 289-314. | 1.4 | 129 |
| 3 | Age of Jurassic continental tholeiites of French Guyana, Surinam and Guinea: Implications for the initial opening of the Central Atlantic Ocean. <i>Earth and Planetary Science Letters</i> , 1997, 150, 205-220. | 4.4 | 122 |
| 4 | Zircon Trace Element and $^{176}\text{Yb}/^{177}\text{Yb}$ Isotope Analyses of Mineralized Intrusions from El Teniente Ore Deposit, Chilean Andes: Constraints on the Source and Magmatic Evolution of Porphyry Cu-Mo Related Magmas. <i>Journal of Petrology</i> , 2012, 53, 1091-1122. | 2.8 | 97 |
| 5 | Magmatic and Hydrothermal Chronology of the Giant Rio Blanco Porphyry Copper Deposit, Central Chile: Implications of an Integrated U-Pb and $^{40}\text{Ar}/^{39}\text{Ar}$ Database. <i>Economic Geology</i> , 2005, 100, 905-934. | 3.8 | 87 |
| 6 | Resolving the paradigm of the late Paleozoic-Triassic Chilean magmatism: Isotopic approach. <i>Gondwana Research</i> , 2016, 37, 172-181. | 6.0 | 85 |
| 7 | New time constraints on dyke swarms related to the Parana-Etendeka magmatic province, and subsequent South Atlantic opening, southeastern Brazil. <i>Journal of Volcanology and Geothermal Research</i> , 1998, 80, 67-83. | 2.1 | 75 |
| 8 | Unraveling the Peruvian Phase of the Central Andes: stratigraphy, sedimentology and geochronology of the Salar de Atacama Basin ($22^{\circ}30'\text{S}$), northern Chile. <i>Basin Research</i> , 2016, 28, 365-392. | 2.7 | 50 |
| 9 | Refinement of the time-space evolution of the giant Mio-Pliocene Rio Blanco-Los Bronces porphyry Cu-Mo cluster, Central Chile: new U-Pb (SHRIMP II) and $^{187}\text{Re}/^{187}\text{Os}$ geochronology and $^{40}\text{Ar}/^{39}\text{Ar}$ thermochronology data. <i>Mineralium Deposita</i> , 2013, 48, 57-79. | 4.1 | 35 |
| 10 | The structure of the Chañarcillo Basin: An example of tectonic inversion in the Atacama region, northern Chile. <i>Journal of South American Earth Sciences</i> , 2013, 42, 1-16. | 1.4 | 32 |
| 11 | Tectonic styles and crustal shortening of the Central Andes Pampean flat-slab segment in northern Chile (27° - 29°S). <i>Tectonophysics</i> , 2016, 667, 144-162. | 2.2 | 32 |
| 12 | Geochronología U-Pb e $^{176}\text{Yb}/^{177}\text{Yb}$ de Hf-O en circones del batolito de la Costa Pampiniana, Chile. <i>Andean Geology</i> , 2014, 41, . | 0.5 | 28 |
| 13 | Timing and duration of hydrothermal activity at the Los Bronces porphyry cluster: an update. <i>Mineralium Deposita</i> , 2014, 49, 535-546. | 4.1 | 21 |
| 14 | Geometry and kinematics of the Andean thick-skinned thrust systems: Insights from the Chilean Frontal Cordillera (28° - 28.5°S), Central Andes. <i>Journal of South American Earth Sciences</i> , 2015, 64, 307-324. | 1.4 | 21 |
| 15 | Tectonic evolution of the southwestern margin of Pangea and its global implications: Evidence from the mid Permian-Triassic magmatism along the Chilean-Argentine border. <i>Gondwana Research</i> , 2019, 76, 303-321. | 6.0 | 20 |
| 16 | Geometry and late Mesozoic-Cenozoic evolution of the Salar de Atacama Basin ($22^{\circ}30'\text{S}$ - $24^{\circ}30'\text{S}$) in the northern Central Andes: New constraints from geophysical, geochronological and field data. <i>Tectonophysics</i> , 2019, 759, 58-78. | 2.2 | 20 |
| 17 | Provenance of the Miocene Alto Tunuyán Basin ($33^{\circ}40'\text{S}$, Argentina) and its implications for the evolution of the Andean Range: Insights from petrography and U-Pb LA-ICPMS zircon ages. <i>Tectonophysics</i> , 2016, 690, 298-317. | 2.2 | 16 |
| 18 | Isotopic shifts in the Cenozoic Andean arc of central Chile: Records of an evolving basement throughout cordilleran arc mountain building. <i>Geology</i> , 2013, 41, 931-934. | 4.4 | 13 |

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|----|--|-----|-----------|
| 19 | Cenozoic tectonostratigraphic evolution and architecture of the Central Andes in northern Chile based on the Aquine region, Western Cordillera (19°-19°30' S).. Andean Geology, 2017, 44, 87. | 0.5 | 10 |
| 20 | Very low-grade secondary minerals as indicators of palaeo-hydrothermal systems in the Upper Cretaceous volcanic succession of Hannah Point, Livingston Island, Antarctica. Applied Clay Science, 2016, 134, 246-256. | 5.2 | 8 |
| 21 | Barren Miocene granitoids in the Central Andean metallogenic belt, Chile: Geochemistry and Nd-Hf and U-Pb isotope systematics. Andean Geology, 2010, 37, . | 0.5 | 7 |
| 22 | Soil gas geochemical exploration in covered terrains of northern Chile: data processing techniques and interpretation of contrast anomalies. Geochemistry: Exploration, Environment, Analysis, 2015, 15, 222-233. | 0.9 | 7 |
| 23 | Paleomagnetism of Permo-Triassic and Cretaceous rocks from the Antofagasta region, northern Chile. Journal of South American Earth Sciences, 2015, 64, 261-272. | 1.4 | 5 |
| 24 | Significance of ⁴⁰ Ar- ³⁹ Ar encapsulation ages of metapelites from late Palaeozoic metamorphic complexes of Ays n, Chile. Geological Magazine, 2008, 145, 389-396. | 1.5 | 4 |
| 25 | The Miocene Brahma porphyry Cu-Mo prospect in Central Chilean Andes (35°45'S): Geology, geochronology (U-Pb, Re-Os) and geochemistry. Ore Geology Reviews, 2020, 122, 103522. | 2.7 | 3 |
| 26 | The environmental geochemical baseline, background and sources of metal and metalloids present in urban, peri-urban and rural soils in the O  Higgins region, Chile. Environmental Geochemistry and Health, 2022, 44, 3173-3189. | 3.4 | 3 |
| 27 | Nuevas observaciones sobre el origen del Dep sito Mes n Alto, Valle del Yeso, Chile central: un dep sito compuesto de procesos glaciares y de remoci n en masa?. Andean Geology, 2014, 41, . | 0.5 | 2 |
| 28 | Mineralogy and Geochemistry of Seabed Sediments of the Chilo  Taitao Area, Southern Chile, and Implications for Ore Deposits. Minerals (Basel, Switzerland), 2021, 11, 903. | 2.0 | 1 |