

Patrick MoniÃ©

List of Publications by Year in descending order

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126
papers

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4997
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Zagros orogeny: a subduction-dominated process. <i>Geological Magazine</i> , 2011, 148, 692-725. | 1.5 | 742 |
| 2 | Intracontinental subduction: a possible mechanism for the Early Palaeozoic Orogen of SE China. <i>Terra Nova</i> , 2009, 21, 360-368. | 2.1 | 317 |
| 3 | Polyorogenic evolution of the Paleoproterozoic Trans-North China Belt – New insights from the Liangshan-Hengshan-Wutaishan and Fuping massifs. <i>Episodes</i> , 2007, 30, 96-107. | 1.2 | 293 |
| 4 | Late Paleoproterozoic (1900–1800Ma) nappe stacking and polyphase deformation in the Hengshan–Wutaishan area: Implications for the understanding of the Trans-North-China Belt, North China Craton. <i>Precambrian Research</i> , 2007, 156, 85-106. | 2.7 | 237 |
| 5 | Migration of compression and extension in the Tyrrhenian Sea, insights from $^{40}\text{Ar}/^{39}\text{Ar}$ ages on micas along a transect from Corsica to Tuscany. <i>Tectonophysics</i> , 2000, 321, 127-155. | 2.2 | 233 |
| 6 | Paleoproterozoic arc magmatism and collision in Liaodong Peninsula (north-east China). <i>Terra Nova</i> , 2004, 16, 75-80. | 2.1 | 204 |
| 7 | Miocene detachment in Crete and exhumation P-T-t paths of high-pressure metamorphic rocks. <i>Tectonics</i> , 1996, 15, 1129-1153. | 2.8 | 199 |
| 8 | Extensional tectonics within a subduction-type orogen. The case study of the Wugongshan dome (Jiangxi Province, southeastern China). <i>Tectonophysics</i> , 1996, 263, 77-106. | 2.2 | 198 |
| 9 | The Zhanhuang Massif, the second and eastern suture zone of the Paleoproterozoic Trans-North China Orogen. <i>Precambrian Research</i> , 2009, 172, 80-98. | 2.7 | 187 |
| 10 | Exhumation of the Schistes Lustrés complex: in situ laser probe $^{40}\text{Ar}/^{39}\text{Ar}$ constraints and implications for the Western Alps. <i>Journal of Metamorphic Geology</i> , 2002, 20, 599-618. | 3.4 | 185 |
| 11 | Cosmogenic nuclide dating of <i>Sahelanthropus tchadensis</i> and <i>Australopithecus bahrelghazali</i> : Mio-Pliocene hominids from Chad. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3226-3231. | 7.1 | 175 |
| 12 | Very high rates of cooling and uplift in the Alpine belt of the Betic Cordilleras, southern Spain. <i>Geology</i> , 1992, 20, 79. | 4.4 | 155 |
| 13 | Mesozoic Extensional Tectonics in Eastern Asia: The South Liaodong Peninsula Metamorphic Core Complex (NE China). <i>Journal of Geology</i> , 2008, 116, 134-154. | 1.4 | 154 |
| 14 | Cooling and exhumation of the Western Betic Cordilleras, $^{40}\text{Ar}/^{39}\text{Ar}$ thermochronological constraints on a collapsed terrane. <i>Tectonophysics</i> , 1994, 238, 353-379. | 2.2 | 153 |
| 15 | $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology of Alpine tectonism in the Betic Cordilleras (southern Spain). <i>Journal of the Geological Society</i> , 1991, 148, 289-297. | 2.1 | 148 |
| 16 | Plate acceleration: The obduction trigger?. <i>Earth and Planetary Science Letters</i> , 2007, 258, 428-441. | 4.4 | 146 |
| 17 | Timing, duration and role of magmatism in wide rift systems: Insights from the Liaodong Peninsula (China, East Asia). <i>Gondwana Research</i> , 2013, 24, 412-428. | 6.0 | 142 |
| 18 | Contrasted tectonic styles for the Paleoproterozoic evolution of the North China Craton. Evidence for a 2.1Ga thermal and tectonic event in the Fuping Massif. <i>Journal of Structural Geology</i> , 2008, 30, 1109-1125. | 2.3 | 138 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | The oldest UHP eclogites of the World: age of UHP metamorphism, nature of protoliths and tectonic implications. <i>Chemical Geology</i> , 2001, 178, 143-158. | 3.3 | 137 |
| 20 | Triassic blueschists and eclogites from northwest Turkey: vestiges of the Paleo-Tethyan subduction. <i>Lithos</i> , 2002, 64, 155-178. | 1.4 | 137 |
| 21 | Tectonics of SE China: New insights from the Lushan massif (Jiangxi Province). <i>Tectonics</i> , 2000, 19, 852-871. | 2.8 | 134 |
| 22 | Plate interface rheological switches during subduction infancy: Control on slab penetration and metamorphic sole formation. <i>Earth and Planetary Science Letters</i> , 2016, 451, 208-220. | 4.4 | 130 |
| 23 | A unique magnesiochloritoid-bearing, high-pressure assemblage from the Monte Rosa, Western Alps: petrologic and ⁴⁰ Ar- ³⁹ Ar radiometric study. <i>Contributions To Mineralogy and Petrology</i> , 1984, 87, 388-398. | 3.1 | 128 |
| 24 | Pan-African, post-collisional, ferro-potassic granite and quartz monzonite plutons of Eastern Nigeria. <i>Lithos</i> , 1998, 45, 255-279. | 1.4 | 120 |
| 25 | Alpine structural and metamorphic signature of the Sila Piccola Massif nappe stack (Calabria, Italy): Insights for the tectonic evolution of the Calabrian Arc. <i>Tectonics</i> , 2001, 20, 112-133. | 2.8 | 119 |
| 26 | Evidence for Early Cretaceous oceanic crust trapped in the Philippine Sea Plate. <i>Earth and Planetary Science Letters</i> , 2000, 179, 503-516. | 4.4 | 117 |
| 27 | Exhumation, doming and slab retreat in the Betic Cordillera (SE Spain): in situ ⁴⁰ Ar/ ³⁹ Ar ages and P-T-d-t paths for the Nevado-Filabride complex. <i>Journal of Metamorphic Geology</i> , 2005, 23, 357-381. | 3.4 | 111 |
| 28 | High-temperature metamorphism during extreme thinning of the continental crust: a reappraisal of the North Pyrenean passive paleomargin. <i>Solid Earth</i> , 2015, 6, 643-668. | 2.8 | 103 |
| 29 | Metamorphic soles from the Albanian ophiolites: Petrology, ⁴⁰ Ar/ ³⁹ Ar geochronology, and geodynamic evolution. <i>Tectonics</i> , 2001, 20, 78-96. | 2.8 | 101 |
| 30 | Oscillatory zoning in eclogitic garnet and amphibole, Northern Serpentine Melange, Cuba: a record of tectonic instability during subduction?. <i>Journal of Metamorphic Geology</i> , 2002, 20, 581-598. | 3.4 | 100 |
| 31 | Thermochronology constraints for the propagation sequence of the south Pyrenean basement thrust system (France-Spain). <i>Tectonics</i> , 2007, 26, . | 2.8 | 97 |
| 32 | Early Mesozoic subduction in the Eastern Mediterranean: Evidence from Triassic eclogite in northwest Turkey. <i>Geology</i> , 1997, 25, 595. | 4.4 | 87 |
| 33 | The neoproterozoic Brasiliano orogeny in northeast Brazil: ⁴⁰ Ar/ ³⁹ Ar and petrostructural data from Cear. <i>Precambrian Research</i> , 1997, 81, 241-264. | 2.7 | 81 |
| 34 | Palaeozoic collision between the North and South China blocks, Triassic intracontinental tectonics, and the problem of the ultrahigh-pressure metamorphism. <i>Comptes Rendus - Geoscience</i> , 2008, 340, 139-150. | 1.2 | 79 |
| 35 | Probing the transition between seismically coupled and decoupled segments along an ancient subduction interface. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 1905-1922. | 2.5 | 76 |
| 36 | The extensional Messaria shear zone and associated brittle detachment faults, Aegean Sea, Greece. <i>Journal of the Geological Society</i> , 2005, 162, 701-721. | 2.1 | 75 |

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|----|---|-----|-----------|
| 37 | Geochemistry of Cretaceous Magmatism in Eastern Cuba: Recycling of North American Continental Sediments and Implications for Subduction Polarity in the Greater Antilles Paleo-arc. <i>Journal of Petrology</i> , 2007, 48, 1813-1840. | 2.8 | 73 |
| 38 | Timing, slip rate, displacement and cooling history of the Mykonos detachment footwall, Cyclades, Greece, and implications for the opening of the Aegean Sea basin. <i>Journal of the Geological Society</i> , 2008, 165, 263-277. | 2.1 | 64 |
| 39 | Cooling paths of the NE China crust during the Mesozoic extensional tectonics: Example from the south-Liaodong peninsula metamorphic core complex. <i>Journal of Asian Earth Sciences</i> , 2011, 42, 1048-1065. | 2.3 | 62 |
| 40 | Timing of Eocene–Miocene thrust activity in the Western Axial Zone and Chañóns Arnais (west-central Pyrenees) revealed by multi-method thermochronology. <i>Comptes Rendus - Geoscience</i> , 2016, 348, 246-256. | 1.2 | 58 |
| 41 | Late Visean thermal event in the northern part of the French Massif Central: new $^{40}\text{Ar}/^{39}\text{Ar}$ and Rb/Sr isotopic constraints on the Hercynian syn-orogenic extension. <i>International Journal of Earth Sciences</i> , 2002, 91, 53-75. | 1.8 | 56 |
| 42 | Origin and evolution of the Escambray Massif (Central Cuba): an example of HP/LT rocks exhumed during intraoceanic subduction. <i>Journal of Metamorphic Geology</i> , 2004, 22, 227-247. | 3.4 | 55 |
| 43 | The Meso-Cenozoic thermo-tectonic evolution of the Eastern Pyrenees: an $^{40}\text{Ar}/^{39}\text{Ar}$ fission track and $(\text{U}/\text{Th})/\text{He}$ thermochronological study of the Canigou and Mont-Louis massifs. <i>International Journal of Earth Sciences</i> , 2008, 97, 565-584. | 1.8 | 55 |
| 44 | $^{40}\text{Ar}/^{39}\text{Ar}$ dating of the emplacement of the Muslim Bagh ophiolite, Pakistan. <i>Tectonophysics</i> , 1995, 250, 169-181. | 2.2 | 48 |
| 45 | Cenozoic exhumation history of Sulu terrane: Implications from $(\text{U}/\text{Th})/\text{He}$ thermochronology. <i>Tectonophysics</i> , 2016, 672-673, 1-15. | 2.2 | 46 |
| 46 | Evolution of the Sardinia Channel (Western Mediterranean): new constraints from a diving survey on Cornacy seamount off SE Sardinia. <i>Marine Geology</i> , 2001, 179, 179-201. | 2.1 | 45 |
| 47 | A late Neoproterozoic paleomagnetic pole for the Congo craton: Tectonic setting, paleomagnetism and geochronology of the Nola dike swarm (Central African Republic). <i>Precambrian Research</i> , 2008, 164, 214-226. | 2.7 | 44 |
| 48 | U/Pb emplacement and $^{40}\text{Ar}/^{39}\text{Ar}$ cooling ages of the eastern Mont-Louis granite massif (Eastern Tj ETQqO O O rgBT /Overlock 10 Tf | 2.2 | 43 |
| 49 | Conflicting structural and geochronological data from the Ibituruna quartz-syenite (SE Brazil): Effect of protracted orogeny and slow cooling rate?. <i>Tectonophysics</i> , 2009, 477, 174-196. | 2.2 | 43 |
| 50 | Geochronological, thermochronological and thermobarometric constraints on deformation, magmatism and thermal regimes in eastern Borborema Province (NE Brazil). <i>Journal of South American Earth Sciences</i> , 2012, 38, 129-146. | 1.4 | 43 |
| 51 | Shortening of the European Dauphinois margin (Oisans Massif, Western Alps): New insights from RSCM maximum temperature estimates and $^{40}\text{Ar}/^{39}\text{Ar}$ in situ dating. <i>Journal of Geodynamics</i> , 2015, 83, 37-64. | 1.6 | 43 |
| 52 | Late Jurassic Oceanic Crust and Upper Cretaceous Caribbean Plateau Picritic Basalts Exposed in the Duarte Igneous Complex, Hispaniola. <i>Journal of Geology</i> , 1999, 107, 193-207. | 1.4 | 41 |
| 53 | Triassic polyphase deformation in the Feidong-Zhangbaling Massif (eastern China) and its place in the collision between the North China and South China blocks. <i>Journal of Asian Earth Sciences</i> , 2005, 25, 121-136. | 2.3 | 41 |
| 54 | Mesozoic doming extensional tectonics of Wugongshan, South China. <i>Science in China Series D: Earth Sciences</i> , 1998, 41, 601-608. | 0.9 | 40 |

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|----|--|-----|-----------|
| 55 | Alpine tectonics in the Calabrianâ€“Peloritan belt (southern Italy): New ⁴⁰ Ar/ ³⁹ Ar data in the Aspromonte Massif area. <i>Lithos</i> , 2010, 114, 451-472. | 1.4 | 40 |
| 56 | Architecture and P-T-deformation-time evolution of the Chinese SW-Tianshan HP/UHP complex: Implications for subduction dynamics. <i>Earth-Science Reviews</i> , 2019, 197, 102894. | 9.1 | 40 |
| 57 | The Miocene bending of Southwest Japan: new ³⁹ Ar/ ⁴⁰ Ar and microtectonic constraints from the Nagasaki schists (western Kyushu), an extension of the Sanbagawa high-pressure belt. <i>Earth and Planetary Science Letters</i> , 1988, 91, 105-116. | 4.4 | 39 |
| 58 | Tectonic evolution of the Anuy metamorphic rocks (Sikhote Alin, Russia) and their place in the Mesozoic geodynamic framework of East Asia. <i>Tectonophysics</i> , 1995, 241, 279-301. | 2.2 | 39 |
| 59 | Pre-metamorphic ⁴⁰ Ar/ ³⁹ Ar and Uâ€“Pb ages in HP metagranitoids from the Hercynian belt (France). <i>Chemical Geology</i> , 2003, 193, 195-214. | 3.3 | 39 |
| 60 | Early Carboniferous subduction-zone metamorphism preserved within the Palaeo-Tethyan Rasht ophiolites (western Alborz, Iran). <i>Journal of the Geological Society</i> , 2017, 174, 741-758. | 2.1 | 39 |
| 61 | Along-strike variations of Pâ€“T conditions in accretionary wedges and syn-orogenic extension, the HPâ€“LT Phylliteâ€“Quartzite Nappe in Crete and the Peloponnese. <i>Tectonophysics</i> , 2010, 480, 133-148. | 2.2 | 38 |
| 62 | A 17 Ma onset for the post-collisional K-rich calc-alkaline magmatism in the Maghrebides: Evidence from Bougaroun (northeastern Algeria) and geodynamic implications. <i>Tectonophysics</i> , 2016, 674, 114-134. | 2.2 | 38 |
| 63 | Highâ€“grade metamorphism and hydrous melting of metapelites in the Pinos terrane (W Cuba): Evidence for crustal thickening and extension in the northern Caribbean collisional belt. <i>Journal of Metamorphic Geology</i> , 2001, 19, 699-715. | 3.4 | 36 |
| 64 | New ³⁹ Ar- ⁴⁰ Ar ages of Hercynian and Alpine thermotectonic events in Grande Kabylie (Algeria). <i>Tectonophysics</i> , 1988, 152, 53-69. | 2.2 | 35 |
| 65 | Multi-phase cooling of Early Cretaceous granites on the Jiaodong Peninsula, East China: Evidence from ⁴⁰ Ar/ ³⁹ Ar and (U-Th)/He thermochronology. <i>Journal of Asian Earth Sciences</i> , 2018, 160, 334-347. | 2.3 | 35 |
| 66 | Microtectonics and ³⁹ Ar- ⁴⁰ Ar dating of high pressure metamorphic rocks of the south Ryukyu Arc and their bearings on the pre-Eocene geodynamic evolution of Eastern Asia. <i>Tectonophysics</i> , 1988, 156, 133-143. | 2.2 | 34 |
| 67 | Paleoproterozoic (2155â€“1970Ma) evolution of the Guiana Shield (Transamazonian event) in the light of new paleomagnetic data from French Guiana. <i>Precambrian Research</i> , 2006, 150, 221-256. | 2.7 | 34 |
| 68 | The Late Neoproterozoic/Early Palaeozoic evolution of the West Congo Belt of NW Angola: geochronological (Uâ€“Pb and Arâ€“Ar) and petrostructural constraints. <i>Terra Nova</i> , 2012, 24, 238-247. | 2.1 | 34 |
| 69 | New aspects and perspectives on tsavorite deposits. <i>Ore Geology Reviews</i> , 2013, 53, 1-25. | 2.7 | 33 |
| 70 | Coupled phengite ⁴⁰ Arâ€“ ³⁹ Ar geochronology and thermobarometry: P-T-t evolution of Andros Island (Cyclades, Greece). <i>Geological Magazine</i> , 2015, 152, 711-727. | 1.5 | 32 |
| 71 | How Do Continents Deform During Mantle Exhumation? Insights From the Northern Iberia Inverted Paleopassive Margin, Western Pyrenees (France). <i>Tectonics</i> , 2019, 38, 1666-1693. | 2.8 | 32 |
| 72 | Palaeomagnetic constraints from granodioritic plutons (Jiaodong Peninsula): New insights on Late Mesozoic continental extension in Eastern Asia. <i>Physics of the Earth and Planetary Interiors</i> , 2011, 187, 276-291. | 1.9 | 30 |

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|----|--|-----|-----------|
| 73 | Shear band formation and strain localization on a regional scale: Evidence from anisotropic rocks below a major detachment (Betic Cordilleras, Spain). <i>Journal of Structural Geology</i> , 2011, 33, 114-131. | 2.3 | 29 |
| 74 | Internal vein texture and vein evolution of the epithermal Shila-Paula district, southern Peru. <i>Mineralium Deposita</i> , 2006, 41, 387-410. | 4.1 | 28 |
| 75 | Total exhumation across the Beichuan fault in the Longmen Shan (eastern Tibetan plateau, China): Constraints from petrology and thermobarometry. <i>Journal of Asian Earth Sciences</i> , 2017, 140, 108-121. | 2.3 | 28 |
| 76 | New age constraints on emplacement of the Căvenol granitoids, South French Massif Central. <i>International Journal of Earth Sciences</i> , 2008, 97, 725-738. | 1.8 | 27 |
| 77 | Metamorphic and age constraints on the AlakeÅsi shear zone: Implications for the extensional exhumation history of the northern KazdaÅ Massif, NW Turkey. <i>Lithos</i> , 2009, 113, 331-345. | 1.4 | 27 |
| 78 | Strain localization and fluid infiltration in the mantle wedge during subduction initiation: Evidence from the base of the New Caledonia ophiolite. <i>Lithos</i> , 2016, 244, 1-19. | 1.4 | 27 |
| 79 | Structural reworking and heat transfer related to the late-Panafrican Angavo shear zone of Madagascar. <i>Tectonophysics</i> , 2009, 477, 197-216. | 2.2 | 26 |
| 80 | Slow cooling and crystallization of the roots of the Neoproterozoic AraÅsuaÅ-hot orogen (SE Brazil): Implications for rheology, strain distribution, and deformation analysis. <i>Tectonophysics</i> , 2019, 766, 500-518. | 2.2 | 26 |
| 81 | Tectonic evolution of the Cevennes para-autochthonous domain of the Hercynian French Massif Central and its bearing on ore deposits formation. <i>Bulletin - Societe Geologique De France</i> , 2001, 172, 687-696. | 2.2 | 25 |
| 82 | Polyphase Mesozoic tectonics in the eastern part of the North China Block: insights from the eastern Liaoning Peninsula massif (NE China). <i>Geological Society Special Publication</i> , 2007, 280, 153-169. | 1.3 | 23 |
| 83 | Deformation mechanisms in a continental rift up to mantle exhumation. Field evidence from the western Betics, Spain. <i>Marine and Petroleum Geology</i> , 2016, 76, 310-328. | 3.3 | 23 |
| 84 | Exhumation cÅnozoÅ±que des massifs du Canigou et de Mont-Louis (PyrÅnes orientales, France). <i>Comptes Rendus - Geoscience</i> , 2002, 334, 941-948. | 1.2 | 22 |
| 85 | Late Miocene to present-day exhumation and uplift of the Internal Zone of the Rif chain: Insights from low temperature thermochronometry and basin analysis. <i>Journal of Geodynamics</i> , 2014, 77, 39-55. | 1.6 | 21 |
| 86 | Tectonometamorphic evolution of the Atbashi highÅ units (Kyrgyz <sc>CAOB</sc>, Tien Shan): Implications for the closure of the Turkestan Ocean and continental subductionÅ exhumation of the South Kazakh continental margin. <i>Journal of Metamorphic Geology</i> , 2018, 36, 959-985. | 3.4 | 20 |
| 87 | Brittle deformation during Alpine basal accretion and the origin of seismicity nests above the subduction interface. <i>Earth and Planetary Science Letters</i> , 2018, 487, 84-93. | 4.4 | 19 |
| 88 | Tracking geothermal anomalies along a crustal fault using (UÅTh)ÅHe apatite thermochronology and rare-earth element (REE) analyses: the example of the TÅt fault (Pyrenees, France). <i>Solid Earth</i> , 2020, 11, 1747-1771. | 2.8 | 19 |
| 89 | Fore arc tectonothermal evolution of the El Oro metamorphic province (Ecuador) during the Mesozoic. <i>Tectonics</i> , 2014, 33, 1989-2012. | 2.8 | 18 |
| 90 | Tectonic and metamorphic architecture of the HP belt of New Caledonia. <i>Earth-Science Reviews</i> , 2018, 178, 48-67. | 9.1 | 18 |

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|-----|--|-----|-----------|
| 91 | Structures, strain analyses, and $^{40}\text{Ar}/^{39}\text{Ar}$ ages of blueschist-bearing Heilongjiang Complex (NE China): Implications for the Mesozoic tectonic evolution of NE China. <i>Geological Journal</i> , 2019, 54, 716-745. | 1.3 | 18 |
| 92 | Micro-scale element migration during eclogitisation in the Bergen arcs (Norway): A case study on the role of fluids and deformation. <i>Lithos</i> , 2007, 96, 325-352. | 1.4 | 17 |
| 93 | Geochronological and geochemical characterization of magmatic-hydrothermal events within the Southern Variscan external domain (Câ€™vennes area, France). <i>International Journal of Earth Sciences</i> , 2012, 101, 69-86. | 1.8 | 17 |
| 94 | ^{40}Ar - ^{39}Ar laser probe multi-dating inside single biotites of a Variscan orthogneiss (Pinet, Massif Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 0.6 | 16 |
| 95 | Relationships between magmatism and extension along the Autunâ€™La Serre fault system in the Variscan Belt of the eastern French Massif Central. <i>International Journal of Earth Sciences</i> , 2012, 101, 393-413. | 1.8 | 16 |
| 96 | Textural-chemical changes and deformation conditions registered by phyllosilicates in a fault zone (Pic de Port Vieux thrust, Pyrenees). <i>Applied Clay Science</i> , 2017, 144, 88-103. | 5.2 | 16 |
| 97 | The pressureâ€™temperatureâ€™timeâ€™deformation history of the Beni Mzala unit (Upper Sebides, Rif belt,) Tj ETQq1 1 0.784314 rgBT Mediterranean. <i>Journal of Metamorphic Geology</i> , 2021, 39, 591-615. | 3.4 | 16 |
| 98 | Transtensional deformation at the junction between the Okinawa trough back-arc basin and the SW Japan island arc. <i>Geological Society Special Publication</i> , 2004, 227, 297-312. | 1.3 | 15 |
| 99 | Relationships between lower and upper crust tectonic during doming: the mylonitic southern edge of the Velay metamorphic core complex (Câ€™vennes-French Massif Central). <i>Geodinamica Acta</i> , 2006, 19, 137-153. | 2.2 | 15 |
| 100 | Permo-Carboniferous and early Miocene geological evolution of the internal zones of the Maghrebides â€™ New insights on the western Mediterranean evolution. <i>Journal of Geodynamics</i> , 2016, 96, 146-173. | 1.6 | 15 |
| 101 | ^{40}Ar - ^{39}Ar geochronology across Archean and Paleoproterozoic terranes from southeastern Guiana Shield (north of Amazonian Craton, Brazil): Evidence for contrasting cooling histories. <i>Journal of South American Earth Sciences</i> , 2009, 27, 113-128. | 1.4 | 14 |
| 102 | Complete Alpine reworking of the northern Menderes Massif, western Turkey. <i>International Journal of Earth Sciences</i> , 2016, 105, 1507-1524. | 1.8 | 14 |
| 103 | $^{40}\text{Ar}/^{39}\text{Ar}$ muscovite dating of thrust activity: a case study from the Axial Zone of the Pyrenees. <i>Tectonophysics</i> , 2018, 745, 412-429. | 2.2 | 14 |
| 104 | Inferences on the Mesozoic evolution of the North Aegean from the isotopic record of the Chalkidiki block. <i>Tectonophysics</i> , 2016, 682, 65-84. | 2.2 | 13 |
| 105 | Mapping a geothermal anomaly using apatite (U/Th)/He thermochronology in the TÃ€™t fault damage zone, eastern Pyrenees, France. <i>Terra Nova</i> , 2019, 31, 569-576. | 2.1 | 13 |
| 106 | Timing of Alpine Orogeny and Postorogenic Extension in the Alboran Domain, Inner Rif Chain, Morocco. <i>Tectonics</i> , 2021, 40, e2021TC006707. | 2.8 | 13 |
| 107 | Fast switch from extensional exhumation to thrusting of the Ronda Peridotites (South Spain). <i>Terra Nova</i> , 2017, 29, 117-126. | 2.1 | 12 |
| 108 | Geochronological, geochemical and petrographic constraints on the Paleoproterozoic Tocantinzinho gold deposit (Tapajos Gold Province, Amazonian Craton - Brazil): Implications for timing, regional evolution and deformation style of its host rocks. <i>Journal of South American Earth Sciences</i> , 2017, 75, 92-115. | 1.4 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Evidence of sheared sills related to flank destabilization in a basaltic volcano. <i>Tectonophysics</i> , 2016, 674, 195-209. | 2.2 | 11 |
| 110 | Structural, mineralogical, geochemical and geochronological constraints on ore genesis of the gold-only Tocantinzinho deposit (Para State, Brazil). <i>Ore Geology Reviews</i> , 2018, 102, 154-194. | 2.7 | 11 |
| 111 | Genesis and $^{40}\text{Ar}/^{39}\text{Ar}$ dating of K-Mn oxides from the Stavelot Massif (Ardenne, Belgium): Insights into Oligocene to Pliocene weathering periods in Western Europe. <i>Ore Geology Reviews</i> , 2019, 115, 103191. | 2.7 | 11 |
| 112 | Accretion, subduction erosion, and tectonic extrusion during late Paleozoic to Mesozoic orogenesis in NE China. <i>Journal of Asian Earth Sciences</i> , 2020, 194, 104258. | 2.3 | 11 |
| 113 | Conditions et ages $^{40}\text{Ar}/^{39}\text{Ar}$ de mise en place des granitoides de la zone externe sud du Massif central français; exemple des granodiorites de St-Guiral et du Liron (Cevennes, France). <i>Bulletin - Societe Geologique De France</i> , 2000, 171, 495-510. | 2.2 | 10 |
| 114 | The Passa Trás lode gold deposit (Paraná State, Brazil): An example of structurally-controlled mineralisation formed during magmatic-hydrothermal transition and hosted within granite. <i>Ore Geology Reviews</i> , 2018, 102, 701-727. | 2.7 | 10 |
| 115 | Drainage of subduction interface fluids into the forearc mantle evidenced by a pristine jadeitite network (Polar Urals). <i>Journal of Metamorphic Geology</i> , 2021, 39, 473-500. | 3.4 | 10 |
| 116 | Chronological Constraints On Tavorite Mineralizations and Related Metamorphic Episodes In Southeast Kenya. <i>Canadian Mineralogist</i> , 2017, 55, 845-865. | 1.0 | 9 |
| 117 | Location of extraneous argon in granulitic-facies minerals: A paired microprobe-laser probe analysis. <i>Chemical Geology: Isotope Geoscience Section</i> , 1990, 80, 193-217. | 0.6 | 6 |
| 118 | Polyphase seismic faulting in the Ivrea zone (Italian Alps) revealed by $^{40}\text{Ar}/^{39}\text{Ar}$ dating of pseudotachylytes. <i>Terra Nova</i> , 2011, 23, 162-170. | 2.1 | 6 |
| 119 | Multitechnique Geochronology of Intrusive and Explosive Activity on Piton des Neiges Volcano, Réunion Island. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, . | 2.5 | 5 |
| 120 | Deciphering the Cenozoic Exhumation History of the Eastern Pyrenees Along a Crustal-Scale Normal Fault Using Low-Temperature Thermochronology. <i>Tectonics</i> , 2022, 41, . | 2.8 | 5 |
| 121 | Remnants of the Northern Sierra Nevada Paleozoic Island Arc in Western Nevada?. <i>Journal of Geology</i> , 1996, 104, 485-492. | 1.4 | 4 |
| 122 | Discussion of the paper 'High- to ultrahigh-pressure (UHP) ductile shear zones in the Sulu UHP metamorphic belt, China: implications for continental subduction and exhumation' by Zhao et al.. <i>Terra Nova</i> , 2005, 17, 86-88. | 2.1 | 3 |
| 123 | Direct dating of brittle extensional deformation contemporaneous of Neogene exhumation of the internal zones of the Rif Chain. <i>Tectonophysics</i> , 2021, 807, 228800. | 2.2 | 2 |
| 124 | Tectonic model for the evolution of the western Alps: Comment and Reply. <i>Geology</i> , 1994, 22, 762. | 4.4 | 1 |
| 125 | Age and depositional setting of the Permian Black Dyke Formation: Implications for the paleogeography and structural evolution of western Nevada. <i>Geodinamica Acta</i> , 1999, 12, 321-340. | 2.2 | 0 |
| 126 | The Passa Trás Granite Intrusion-Related/Hosted Neoproterozoic Gold Deposit (Paraná State, Brazil): Mineralogical, Geochemical, Fluid Inclusion and Sulphur Isotope Constraints. <i>Minerals (Basel)</i> , 2021, 11, 1070. | 2.7 | 10 |