

Urs Schaltegger

List of Publications by Year in descending order

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143
papers

27,599
citations

17405

63
h-index

9839

141
g-index

163
all docs

163
docs citations

163
times ranked

40283
citing authors

#	ARTICLE	IF	CITATIONS
1	Local melt contamination and global climate impact: Dating the emplacement of Karoo LIP sills into organic-rich shale. <i>Earth and Planetary Science Letters</i> , 2022, 579, 117371.	1.8	19
2	The importance of high precision in the evaluation of U-Pb zircon age spectra. <i>Chemical Geology</i> , 2022, 603, 120913.	1.4	12
3	Reassessing the intrusive tempo and magma genesis of the late Variscan Aar batholith: U-Pb geochronology, trace element and initial Hf isotope composition of zircon. <i>Swiss Journal of Geosciences</i> , 2022, 115, .	0.5	5
4	Long-term repeatability and interlaboratory reproducibility of high-precision ID-TIMS U-Pb geochronology. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 1466-1477.	1.6	32
5	Zircon petrochronology in large igneous provinces reveals upper crustal contamination processes: new U-Pb ages, Hf and O isotopes, and trace elements from the Central Atlantic magmatic province (CAMP). <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	1.2	25
6	Comment on "Ultrapotassic magmatism in the heyday of the Variscan Orogeny: the story of the T ^h Pluton, the largest durbachitic body in the Bohemian Massif" by Janoušek et al.. <i>International Journal of Earth Sciences</i> , 2021, 110, 1127-1132.	0.9	6
7	Karst bauxite formation during Miocene Climatic Optimum (central Dalmatia, Croatia): mineralogical, compositional and geochronological perspectives. <i>International Journal of Earth Sciences</i> , 2021, 110, 2899-2922.	0.9	18
8	Rapid eruption of silicic magmas from the Paran ^á magmatic province (Brazil) did not trigger the Valanginian event. <i>Geology</i> , 2020, 48, 1174-1178.	2.0	45
9	Anchoring the Late Devonian mass extinction in absolute time by integrating climatic controls and radio-isotopic dating. <i>Scientific Reports</i> , 2020, 10, 12940.	1.6	19
10	New high precision U-Pb ages and Hf isotope data from the Karoo large igneous province; implications for pulsed magmatism and early Toarcian environmental perturbations. <i>Results in Geochemistry</i> , 2020, 1, 100005.	0.3	32
11	Miocene syn-rift evolution of the North Croatian Basin (Carpathian-Pannonian Region): new constraints from Mts. Kalnik and Po ^á ka gora volcanoclastic record with regional implications. <i>International Journal of Earth Sciences</i> , 2020, 109, 2775-2800.	0.9	17
12	Dynamics of the Largest Carbon Isotope Excursion During the Early Triassic Biotic Recovery. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	23
13	The zircon Hf isotope archive of rapidly changing mantle sources in the south Patagonian retro-arc. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 587-608.	1.6	5
14	Dating multiply overprinted granites: The effect of protracted magmatism and fluid flow on dating systems (zircon U-Pb: SHRIMP/SIMS, LA-ICP-MS, CA-ID-TIMS; and Rb-Sr, Ar-Ar) in Granites from the Western Erzgebirge (Bohemian Massif, Germany). <i>Chemical Geology</i> , 2019, 519, 11-38.	1.4	41
15	Zircon Petrochronology and ⁴⁰ Ar/ ³⁹ Ar Thermochronology of the Adamello Intrusive Suite, N. Italy: Monitoring the Growth and Decay of an Incrementally Assembled Magmatic System. <i>Journal of Petrology</i> , 2019, 60, 701-722.	1.1	38
16	Climate control on banded iron formations linked to orbital eccentricity. <i>Nature Geoscience</i> , 2019, 12, 369-374.	5.4	46
17	High-precision U-Pb ages in the early Tithonian to early Berriasian and implications for the numerical age of the Jurassic-Cretaceous boundary. <i>Solid Earth</i> , 2019, 10, 1-14.	1.2	32
18	Calibrating chemical abrasion: Its effects on zircon crystal structure, chemical composition and U Pb age. <i>Chemical Geology</i> , 2019, 511, 1-10.	1.4	57

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19	The driving mechanisms of the carbon cycle perturbations in the late Pliensbachian (Early Jurassic). <i>Scientific Reports</i> , 2019, 9, 18430.	1.6	9,028
20	The isotopic evolution of the Kohistan Ladakh arc from subduction initiation to continent arc collision. <i>Geological Society Special Publication</i> , 2019, 483, 165-182.	0.8	45
21	New high-resolution age data from the Ediacaran-Cambrian boundary indicate rapid, ecologically driven onset of the Cambrian explosion. <i>Terra Nova</i> , 2019, 31, 49-58.	0.9	131
22	Experimental evidence for mineral-controlled release of radiogenic Nd, Hf and Pb isotopes from granitic rocks during progressive chemical weathering. <i>Chemical Geology</i> , 2019, 507, 64-84.	1.4	28
23	New age constraints on the palaeoenvironmental evolution of the late Paleozoic back-arc basin along the western Gondwana margin of southern Peru. <i>Journal of South American Earth Sciences</i> , 2018, 82, 165-180.	0.6	6
24	The age of volcanic tuffs from the Upper Freshwater Molasse (North Alpine Foreland Basin) and their possible use for tephrostratigraphic correlations across Europe for the Middle Miocene. <i>International Journal of Earth Sciences</i> , 2018, 107, 387-407.	0.9	29
25	Timing of K-alkaline magmatism in the Balkan segment of southeast European Variscan edifice: ID-TIMS and LA-ICP-MS study. <i>International Journal of Earth Sciences</i> , 2018, 107, 1175-1192.	0.9	9
26	⁷²Ge and ⁸¹Br Two Zircon Reference Materials for ⁴⁰Ar/³⁹Ar U-Pb Geochronology. <i>Geostandards and Geoanalytical Research</i> , 2018, 42, 431-457.	1.7	32
27	Comment on "A high-precision ⁴⁰Ar/³⁹Ar age for the Nördlinger Ries impact crater, Germany, and implications for the accurate dating of terrestrial impact events" by Schmieder et al. (<i>Geochimica et Cosmochimica Acta</i>) 10.1016/j.gca.2018.07.011	0.784314	1
28	Zircon petrochronology reveals the timescale and mechanism of anatectic magma formation. <i>Earth and Planetary Science Letters</i> , 2018, 495, 213-223.	1.8	40
29	Precisely dating the Frasnian-Famennian boundary: implications for the cause of the Late Devonian mass extinction. <i>Scientific Reports</i> , 2018, 8, 9578.	1.6	53
30	Pluton construction and deformation in the Sveconorwegian crust of SW Norway: Magnetic fabric and U-Pb geochronology of the Kleivan and Sjelset granitic complexes. <i>Precambrian Research</i> , 2018, 305, 247-267.	1.2	14
31	Timing of global regression and microbial bloom linked with the Permian-Triassic boundary mass extinction: implications for driving mechanisms. <i>Scientific Reports</i> , 2017, 7, 43630.	1.6	48
32	Dating the Paleoproterozoic snowball Earth glaciations using contemporaneous subglacial hydrothermal systems. <i>Geology</i> , 2017, 45, 667-670.	2.0	33
33	Petrochronology of Zircon and Baddeleyite in Igneous Rocks: Reconstructing Magmatic Processes at High Temporal Resolution. <i>Reviews in Mineralogy and Geochemistry</i> , 2017, 83, 297-328.	2.2	72
34	End-Triassic mass extinction started by intrusive CAMP activity. <i>Nature Communications</i> , 2017, 8, 15596.	5.8	211
35	High-precision time-space correlation through coupled apatite and zircon tephrochronology: An example from the Permian-Triassic boundary in South China. <i>Geology</i> , 2017, 45, 83-86.	2.0	17
36	Geochemical Constraints Provided by the Freetown Layered Complex (Sierra Leone) on the Origin of High-Ti Tholeiitic CAMP Magmas. <i>Journal of Petrology</i> , 2017, 58, 1811-1840.	1.1	39

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37	10. Petrochronology of Zircon and Baddeleyite in Igneous Rocks: Reconstructing Magmatic Processes at High Temporal Resolution. , 2017, , .		9
38	Precise age for the Permian–Triassic boundary in South China from high-precision U-Pb geochronology and Bayesian age–depth modeling. Solid Earth, 2017, 8, 361-378.	1.2	76
39	The fate of zircon during UHT–UHP metamorphism: isotopic (U/Pb, Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.6	29
40	Thermal erosion of cratonic lithosphere as a potential trigger for mass-extinction. Scientific Reports, 2016, 6, 23168.	1.6	44
41	Characterisation of Triassic rifting in Peru and implications for the early disassembly of western Pangaea. Gondwana Research, 2016, 35, 124-143.	3.0	92
42	No evidence for Hadean continental crust within Earth’s oldest evolved rock unit. Nature Geoscience, 2016, 9, 777-780.	5.4	99
43	Hf isotope analysis of small zircon and baddeleyite grains by conventional Multi Collector-Inductively Coupled Plasma-Mass Spectrometry. Chemical Geology, 2016, 433, 12-23.	1.4	25
44	Detection in LA-ICPMS: construction and performance evaluation of decision rules. Journal of Analytical Atomic Spectrometry, 2016, 31, 597-630.	1.6	6
45	Response to comment on “Evaluating the temporal link between the Karoo LIP and climatic–biologic events of the Toarcian Stage with high-precision U–Pb geochronology”. Earth and Planetary Science Letters, 2016, 434, 353-354.	1.8	4
46	Rapid heterogeneous assembly of multiple magma reservoirs prior to Yellowstone supereruptions. Scientific Reports, 2015, 5, 14026.	1.6	100
47	The Bushveld Complex was emplaced and cooled in less than one million years – results of zirconology, and geotectonic implications. Earth and Planetary Science Letters, 2015, 418, 103-114.	1.8	218
48	A Hf-isotope perspective on continent formation in the south Peruvian Andes. Geological Society Special Publication, 2015, 389, 305-321.	0.8	31
49	Megacrystic zircon with planar fractures in miaskite-type nepheline pegmatites formed at high pressures in the lower crust (Ivrea Zone, southern Alps, Switzerland). American Mineralogist, 2015, 100, 83-94.	0.9	45
50	U–Th–Pb zircon geochronology by ID-TIMS, SIMS, and laser ablation ICP-MS: Recipes, interpretations, and opportunities. Chemical Geology, 2015, 402, 89-110.	1.4	204
51	Developing a strategy for accurate definition of a geological boundary through radio-isotopic and biochronological dating: The Early–Middle Triassic boundary (South China). Earth-Science Reviews, 2015, 146, 65-76.	4.0	87
52	Linking the thermal evolution and emplacement history of an upper-crustal pluton to its lower-crustal roots using zircon geochronology and geochemistry (southern Adamello batholith, N.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	10
53	The ICPMS signal as a Poisson process: a review of basic concepts. Journal of Analytical Atomic Spectrometry, 2015, 30, 1297-1321.	1.6	17
54	New constraints on the Jurassic–Cretaceous boundary in the High Andes using high-precision U–Pb data. Gondwana Research, 2014, 26, 374-385.	3.0	67

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55	Geochronology of a composite granitoid pluton: a high-precision ID-TIMS U–Pb zircon study of the Variscan Karkonosze Granite (SW Poland). <i>International Journal of Earth Sciences</i> , 2014, 103, 683-696.	0.9	31
56	Towards accurate numerical calibration of the Late Triassic: High-precision U-Pb geochronology constraints on the duration of the Rhaetian. <i>Geology</i> , 2014, 42, 571-574.	2.0	154
57	High temperature (>350°C) thermochronology and mechanisms of Pb loss in apatite. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 127, 39-56.	1.6	154
58	Evaluating the temporal link between the Karoo LIP and climatic–biologic events of the Toarcian Stage with high-precision U–Pb geochronology. <i>Earth and Planetary Science Letters</i> , 2014, 408, 48-56.	1.8	145
59	EOCENE ZIRCON REFERENCE MATERIAL FOR MICROANALYSIS OF U-Th-Pb ISOTOPES AND TRACE ELEMENTS. <i>Canadian Mineralogist</i> , 2014, 52, 409-421.	0.3	65
60	Linking rapid magma reservoir assembly and eruption trigger mechanisms at evolved Yellowstone-type supervolcanoes. <i>Geology</i> , 2014, 42, 807-810.	2.0	97
61	Zircons reveal magma fluxes in the Earth’s crust. <i>Nature</i> , 2014, 511, 457-461.	13.7	81
62	High-precision zircon U–Pb geochronology of astronomically dated volcanic ash beds from the Mediterranean Miocene. <i>Earth and Planetary Science Letters</i> , 2014, 407, 19-34.	1.8	56
63	High-precision dating of the Kalkarindji large igneous province, Australia, and synchrony with the Early–Middle Cambrian (Stage 4–5) extinction. <i>Geology</i> , 2014, 42, 543-546.	2.0	70
64	Mass Spectrometry in Earth Sciences: The Precise and Accurate Measurement of Time. <i>Chimia</i> , 2014, 68, 124-128.	0.3	2
65	Late Paleozoic to Jurassic chronostratigraphy of coastal southern Peru: Temporal evolution of sedimentation along an active margin. <i>Journal of South American Earth Sciences</i> , 2013, 47, 179-200.	0.6	30
66	Tracking the evolution of large-volume silicic magma reservoirs from assembly to supereruption. <i>Geology</i> , 2013, 41, 867-870.	2.0	226
67	How Accurately Can We Date the Duration of Magmatic-Hydrothermal Events in Porphyry Systems?—An Invited Paper. <i>Economic Geology</i> , 2013, 108, 565-584.	1.8	213
68	Timing of incremental pluton construction and magmatic activity in a back-arc setting revealed by ID-TIMS U/Pb and Hf isotopes on complex zircon grains. <i>Chemical Geology</i> , 2013, 342, 76-93.	1.4	54
69	Pre-Mesozoic Alpine basements—Their place in the European Paleozoic framework. <i>Bulletin of the Geological Society of America</i> , 2013, 125, 89-108.	1.6	204
70	The Lithospheric Mantle Beneath Central Europe: Nd Isotopic Constraints for Its Late Proterozoic Enrichment and Implications for Early Crustal Evolution. <i>Geophysical Monograph Series</i> , 2013, , 269-276.	0.1	2
71	Disentangling the Hettangian carbon isotope record: Implications for the aftermath of the end-Triassic mass extinction. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	50
72	Geochronological constraints on post-extinction recovery of the ammonoids and carbon cycle perturbations during the Early Jurassic. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 346-347, 1-11.	1.0	85

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73	Time resolved construction of a bimodal laccolith (Torres del Paine, Patagonia). <i>Earth and Planetary Science Letters</i> , 2012, 325-326, 85-92.	1.8	116
74	Rates of magma differentiation and emplacement in a ballooning pluton recorded by U ²³⁸ Pb TIMS-TEA, Adamello batholith, Italy. <i>Earth and Planetary Science Letters</i> , 2012, 355-356, 162-173.	1.8	173
75	High-resolution insights into episodes of crystallization, hydrothermal alteration and remelting in the Skaergaard intrusive complex. <i>Earth and Planetary Science Letters</i> , 2012, 355-356, 199-212.	1.8	65
76	The data treatment dependent variability of U ²³⁸ Pb zircon ages obtained using mono-collector, sector field, laser ablation ICPMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 663.	1.6	65
77	Mesozoic arc magmatism along the southern Peruvian margin during Gondwana breakup and dispersal. <i>Lithos</i> , 2012, 146-147, 48-64.	0.6	57
78	Lifetime of an ocean island volcano feeder zone: constraints from U ²³⁸ Pb dating on coexisting zircon and baddeleyite, and ⁴⁰ Ar/ ³⁹ Ar age determinations, Fuerteventura, Canary Islands This article is one of a series of papers published in this Special Issue on the theme of Geochronology in honour of Tom Krogh.. <i>Canadian Journal of Earth Sciences</i> , 2011, 48, 567-592.	0.6	12
79	Timing of juvenile arc crust formation and evolution in the Sapat Complex (Kohistan-Pakistan). <i>Chemical Geology</i> , 2011, 280, 243-256.	1.4	55
80	Cenozoic granitoids in the Dinarides of southern Serbia: age of intrusion, isotope geochemistry, exhumation history and significance for the geodynamic evolution of the Balkan Peninsula. <i>International Journal of Earth Sciences</i> , 2011, 100, 1181-1206.	0.9	74
81	Two types of ultrapotassic plutonic rocks in the Bohemian Massif - Coeval intrusions at different crustal levels. <i>Lithos</i> , 2010, 115, 163-176.	0.6	58
82	Correlating the end-Triassic mass extinction and flood basalt volcanism at the 100 ka level. <i>Geology</i> , 2010, 38, 387-390.	2.0	372
83	A new method integrating high-precision U ²³⁸ Pb geochronology with zircon trace element analysis (U ²³⁸ Pb TIMS-TEA). <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 7144-7159.	1.6	92
84	Evolution of the Adria-Europe plate boundary in the northern Dinarides: From continent-continent collision to back-arc extension. <i>Tectonics</i> , 2010, 29, n/a-n/a.	1.3	125
85	Tectonomagmatic evolution of Western Amazonia: Geochemical characterization and zircon U-Pb geochronologic constraints from the Peruvian Eastern Cordilleran granitoids. <i>Bulletin of the Geological Society of America</i> , 2009, 121, 1298-1324.	1.6	122
86	Bracketing the Age of Magmatic-Hydrothermal Activity at the Cerro de Pasco Epithermal Polymetallic Deposit, Central Peru: A U-Pb and ⁴⁰ Ar/ ³⁹ Ar Study. <i>Economic Geology</i> , 2009, 104, 479-504.	1.8	44
87	Late Cretaceous intra-oceanic magmatism in the internal Dinarides (northern Bosnia and) <i>Tectonics</i> , 2009, 28, 106-125.	0.6	83
88	Stability and isotopic dating of monazite and allanite in partially molten rocks: examples from the Central Alps. <i>Swiss Journal of Geosciences</i> , 2009, 102, 15-29.	0.5	24
89	U ²³⁸ Pb, Re ¹⁸⁷ Os, and ⁴⁰ Ar/ ³⁹ Ar geochronology of the Nambija Au-skarn and Pangui porphyry Cu deposits, Ecuador: implications for the Jurassic metallogenic belt of the Northern Andes. <i>Mineralium Deposita</i> , 2009, 44, 371-387.	1.7	64
90	Crustal growth along a non-collisional cratonic margin: A Lu ¹⁷⁶ Hf isotopic survey of the Eastern Cordilleran granitoids of Peru. <i>Earth and Planetary Science Letters</i> , 2009, 279, 303-315.	1.8	99

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91	Zircon and titanite recording 1.5 million years of magma accretion, crystallization and initial cooling in a composite pluton (southern Adamello batholith, northern Italy). <i>Earth and Planetary Science Letters</i> , 2009, 286, 208-218.	1.8	175
92	U-Pb zircon age of volcanoclastic layers in Middle Triassic platform carbonates of the Austroalpine Silvretta nappe (Switzerland). <i>Swiss Journal of Geosciences</i> , 2008, 101, 595-603.	0.5	31
93	Detrital zircon fingerprint of the Proto-Andes: Evidence for a Neoproterozoic active margin?. <i>Precambrian Research</i> , 2008, 167, 186-200.	1.2	123
94	Precise U-Pb age constraints for end-Triassic mass extinction, its correlation to volcanism and Hettangian post-extinction recovery. <i>Earth and Planetary Science Letters</i> , 2008, 267, 266-275.	1.8	166
95	Plešovice zircon – A new natural reference material for U-Pb and Hf isotopic microanalysis. <i>Chemical Geology</i> , 2008, 249, 1-35.	1.4	3,858
96	Incremental growth of the Patagonian Torres del Paine laccolith over 90 k.y. <i>Geology</i> , 2008, 36, 459.	2.0	204
97	Model of successive granite sheet emplacement in transtensional setting: Integrated microstructural and anisotropy of magnetic susceptibility study. <i>Tectonics</i> , 2007, 26, .	1.3	40
98	U-Pb geochronologic evidence for the evolution of the Gondwanan margin of the north-central Andes. <i>Bulletin of the Geological Society of America</i> , 2007, 119, 697-711.	1.6	204
99	Timing of recovery from the end-Permian extinction: Geochronologic and biostratigraphic constraints from south China: COMMENT AND REPLY: COMMENT. <i>Geology</i> , 2007, 35, e135-e135.	2.0	3
100	Timing of the Early Triassic carbon cycle perturbations inferred from new U-Pb ages and ammonoid biochronozones. <i>Earth and Planetary Science Letters</i> , 2007, 258, 593-604.	1.8	237
101	Neoproterozoic glaciation in the Proto-Andes: Tectonic implications and global correlation. <i>Geology</i> , 2007, 35, 1095.	2.0	37
102	Re-equilibration of Zircon in Aqueous Fluids and Melts. <i>Elements</i> , 2007, 3, 43-50.	0.5	661
103	Hydrothermal Zircon. <i>Elements</i> , 2007, 3, 51-79.	0.5	133
104	Age and isotopic constraints on magmatism along the Karakoram-Kohistan Suture Zone, NW Pakistan: evidence for subduction and continued convergence after India-Asia collision. <i>Swiss Journal of Geosciences</i> , 2007, 100, 85-107.	0.5	108
105	Contrasting magma types and timing of intrusion in the Permian layered mafic complex of Mont Collon (Western Alps, Valais, Switzerland): evidence from U/Pb zircon and ⁴⁰ Ar/ ³⁹ Ar amphibole dating. <i>Swiss Journal of Geosciences</i> , 2007, 100, 125-135.	0.5	36
106	Crustal-scale magmatic systems during intracontinental strike-slip tectonics: U, Pb and Hf isotopic constraints from Permian magmatic rocks of the Southern Alps. <i>International Journal of Earth Sciences</i> , 2007, 96, 1131-1151.	0.9	156
107	New Early to Middle Triassic U-Pb ages from South China: Calibration with ammonoid biochronozones and implications for the timing of the Triassic biotic recovery. <i>Earth and Planetary Science Letters</i> , 2006, 243, 463-475.	1.8	212
108	What is the tectono-metamorphic evolution of continental break-up: The example of the Tasna Ocean-Continent Transition. <i>Journal of Structural Geology</i> , 2006, 28, 1849-1869.	1.0	85

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109	Geology, Geochronology, and Hf and Pb Isotope Data of the Raul-Condostable Iron Oxide-Copper-Gold Deposit, Central Coast of Peru. <i>Economic Geology</i> , 2006, 101, 281-310.	1.8	43
110	U-Pb zircon and monazite geochronology of Variscan magmatism related to syn-convergence extension in Central Northern Portugal. <i>Lithos</i> , 2005, 82, 169-184.	0.6	118
111	Formation of intra-arc volcanosedimentary basins in the western flank of the central Peruvian Andes during Late Cretaceous oblique subduction: field evidence and constraints from U/Pb ages and Hf isotopes. <i>International Journal of Earth Sciences</i> , 2005, 94, 231-242.	0.9	37
112	Magmatic-to-hydrothermal crystallization in the W-Sn mineralized Mole Granite (NSW, Australia). <i>Chemical Geology</i> , 2005, 220, 191-213.	1.4	215
113	Magmatic-to-hydrothermal crystallization in the W-Sn mineralized Mole Granite (NSW, Australia). <i>Chemical Geology</i> , 2005, 220, 215-235.	1.4	82
114	Constraining Sinistral Shearing in NW Ireland: A Precise U-Pb Zircon Crystallisation Age for the Ox Mountains Granodiorite. <i>Irish Journal of Earth Sciences</i> , 2005, 23, 55-63.	0.3	7
115	Volcanic ash layers in the Upper Cretaceous of the Central Apennines and a numerical age for the early Campanian. <i>International Journal of Earth Sciences</i> , 2004, 93, 384-399.	0.9	15
116	Refertilization of mantle peridotite in embryonic ocean basins: trace element and Nd isotopic evidence and implications for crust-mantle relationships. <i>Earth and Planetary Science Letters</i> , 2004, 221, 293-308.	1.8	174
117	The Composition of Zircon and Igneous and Metamorphic Petrogenesis. <i>Reviews in Mineralogy and Geochemistry</i> , 2003, 53, 27-62.	2.2	3,181
118	Lower crustal melting and the role of open-system processes in the genesis of syn-orogenic quartz diorite-granite-leucogranite associations: constraints from Sr-Nd-O isotopes from the Bandombaai Complex, Namibia. <i>Lithos</i> , 2003, 67, 205-226.	0.6	81
119	Rapid burial and exhumation during orogeny: Thickening and synconvergent exhumation of thermally weakened and thinned crust (Variscan orogen in Western Europe). <i>Numerische Mathematik</i> , 2002, 302, 856-879.	0.7	89
120	The mafic-ultramafic rock association of Loderio-Biasca (lower Pennine nappes, Ticino, Switzerland): Cambrian oceanic magmatism and its bearing on early Paleozoic paleogeography. <i>Chemical Geology</i> , 2002, 186, 265-279.	1.4	28
121	The current state and future of accessory mineral research. <i>Chemical Geology</i> , 2002, 191, 3-24.	1.4	82
122	Zircon U-Pb geochronology of Ordovician magmatism in the polycyclic Ruitor Massif (Internal W) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 107 To	0.9	40
123	The transition from rifting to sea-floor spreading within a magma-poor rifted margin: field and isotopic constraints. <i>Terra Nova</i> , 2002, 14, 156-162.	0.9	121
124	Multiple mantle sources during island arc magmatism: U-Pb and Hf isotopic evidence from the Kohistan arc complex, Pakistan. <i>Terra Nova</i> , 2002, 14, 461-468.	0.9	118
125	Zircon ages of high-grade gneisses in the Eastern Erzgebirge (Central European) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 To Variscan foldbelt. <i>Lithos</i> , 2001, 56, 303-332.	0.6	94
126	U-Pb geochronology of the Southern Black Forest Batholith (Central Variscan Belt): timing of exhumation and granite emplacement. <i>International Journal of Earth Sciences</i> , 2000, 88, 814-828.	0.9	61

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127	Syn-convergent high-temperature metamorphism and magmatism in the Variscides: a discussion of potential heat sources. Geological Society Special Publication, 2000, 179, 387-399.	0.8	57
128	Growth, annealing and recrystallization of zircon and preservation of monazite in high-grade metamorphism: conventional and in-situ U-Pb isotope, cathodoluminescence and microchemical evidence. Contributions To Mineralogy and Petrology, 1999, 134, 186-201.	1.2	600
129	Post-granulite facies monazite growth and rejuvenation during Permian to Lower Jurassic thermal and fluid events in the Ivrea Zone (Southern Alps). Contributions To Mineralogy and Petrology, 1999, 134, 405-414.	1.2	84
130	Magma pulses in the Central Variscan Belt: episodic melt generation and emplacement during lithospheric thinning. Terra Nova, 1997, 9, 242-245.	0.9	96
131	Precise UPb chronometry of 345-340 Ma old magmatism related to syn-convergence extension in the Southern Vosges (Central Variscan Belt). Earth and Planetary Science Letters, 1996, 144, 403-419.	1.8	74
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