

Urs Schaltegger

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

145
papers

23,180
citations

58
h-index

152
g-index

163
ext. papers

25,356
ext. citations

4.4
avg, IF

7.44
L-index

#	Paper	IF	Citations
145	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	5.3	2
144	The importance of high precision in the evaluation of U-Pb zircon age spectra. <i>Chemical Geology</i> , 2022 , 120913	4.2	0
143	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	3.7	9
142	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	3.5	9
141	Comment on "Ultrapotassic magmatism in the heyday of the Variscan Orogeny: the story of the Třebíč Pluton, the largest durbachitic body in the Bohemian Massif" by Janoušek et al. <i>International Journal of Earth Sciences</i> , 2021 , 110, 1127-1132	2.2	3
140	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	2.2	3
139	Dynamics of the Largest Carbon Isotope Excursion During the Early Triassic Biotic Recovery. <i>Frontiers in Earth Science</i> , 2020 , 8,	3.5	11
138	Rapid eruption of silicic magmas from the Paraná magmatic province (Brazil) did not trigger the Valanginian event. <i>Geology</i> , 2020 , 48, 1174-1178	5	12
137	Anchoring the Late Devonian mass extinction in absolute time by integrating climatic controls and radio-isotopic dating. <i>Scientific Reports</i> , 2020 , 10, 12940	4.9	5
136	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	2	15
135	Miocene syn-rift evolution of the North Croatian Basin (Carpathian-Bannonian Region): new constraints from Mts. Kalnik and Požeška gora volcanoclastic record with regional implications. <i>International Journal of Earth Sciences</i> , 2020 , 109, 2775-2800	2.2	6
134	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	3.9	3
133	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) [Granites from the Western Erzgebirge (Bohemian Massif, Germany)]. <i>Chemical Geology</i> , 2019 , 519, 11-38	4.2	24
132	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	3.9	21
131	Climate control on banded iron formations linked to orbital eccentricity. <i>Nature Geoscience</i> , 2019 , 12, 369-374	18.3	26
130	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	3.3	21
129	Calibrating chemical abrasion: Its effects on zircon crystal structure, chemical composition and U-Pb age. <i>Chemical Geology</i> , 2019 , 511, 1-10	4.2	31

128	The driving mechanisms of the carbon cycle perturbations in the late Pliensbachian (Early Jurassic). <i>Scientific Reports</i> , 2019 , 9, 18430	4.9	8811
127	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	1.7	24
126	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	3	94
125	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	4.2	18
124	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	2	3
123	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	2.2	20
122	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	2.2	5
121	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	3.9	11
120	GZ7 and GZ8 - Two Zircon Reference Materials for SIMS U-Pb Geochronology. <i>Geostandards and Geoanalytical Research</i> , 2018 , 42, 431-457	3.6	15
119	Comment on A high-precision $^{40}\text{Ar}/^{39}\text{Ar}$ 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> 220 (2018) 1461-1477). <i>Geochimica Et Cosmochimica Acta</i> , 2018 , 238, 599-601	5.5	7
118	Zircon petrochronology reveals the timescale and mechanism of anatectic magma formation. <i>Earth and Planetary Science Letters</i> , 2018 , 495, 213-223	5.3	24
117	Cross-continental age calibration of the Jurassic/Cretaceous boundary 2018 ,		1
116	Precisely dating the Frasnian-Famennian boundary: implications for the cause of the Late Devonian mass extinction. <i>Scientific Reports</i> , 2018 , 8, 9578	4.9	32
115	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	4.9	37
114	Dating the Paleoproterozoic snowball Earth glaciations using contemporaneous subglacial hydrothermal systems. <i>Geology</i> , 2017 , 45, 667-670	5	27
113	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	7.1	55
112	End-Triassic mass extinction started by intrusive CAMP activity. <i>Nature Communications</i> , 2017 , 8, 15596	17.4	142
111	Precise age for the Permian-Triassic boundary in South China from high-precision U-Pb geochronology and Bayesian age-depth modeling. <i>Solid Earth</i> , 2017 , 8, 361-378	3.3	52

110	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	5	13
109	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	3.9	32
108	10. Petrochronology of Zircon and Baddeleyite in Igneous Rocks: Reconstructing Magmatic Processes at High Temporal Resolution 2017 ,		2
107	No evidence for Hadean continental crust within Earth's oldest evolved rock unit. <i>Nature Geoscience</i> , 2016 , 9, 777-780	18.3	66
106	Hf isotope analysis of small zircon and baddeleyite grains by conventional Multi Collector-Inductively Coupled Plasma-Mass Spectrometry. <i>Chemical Geology</i> , 2016 , 433, 12-23	4.2	20
105	Detection in LA-ICPMS: construction and performance evaluation of decision rules. <i>Journal of Analytical Atomic Spectrometry</i> , 2016 , 31, 597-630	3.7	4
104	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. <i>Earth and Planetary Science Letters</i> , 2016 , 434, 353-354	5.3	4
103	Precise age for the Permian-Triassic boundary in South China from high precision U-Pb geochronology and Bayesian age-depth modelling 2016 ,		4
102	Estimates of Volume and Magma Input in Crustal Magmatic Systems from Zircon Geochronology: The Effect of Modeling Assumptions and System Variables. <i>Frontiers in Earth Science</i> , 2016 , 4,	3.5	14
101	The fate of zircon during UHT/HP metamorphism: isotopic (U/Pb, $\delta^{18}O$, Hf) and trace element constraints. <i>Journal of Metamorphic Geology</i> , 2016 , 34, 719-739	4.4	27
100	Thermal erosion of cratonic lithosphere as a potential trigger for mass-extinction. <i>Scientific Reports</i> , 2016 , 6, 23168	4.9	35
99	Characterisation of Triassic rifting in Peru and implications for the early disassembly of western Pangaea. <i>Gondwana Research</i> , 2016 , 35, 124-143	5.1	66
98	U/Pb zircon geochronology by ID-TIMS, SIMS, and laser ablation ICP-MS: Recipes, interpretations, and opportunities. <i>Chemical Geology</i> , 2015 , 402, 89-110	4.2	148
97	Developing a strategy for accurate definition of a geological boundary through radio-isotopic and biochronological dating: The Early/Middle Triassic boundary (South China). <i>Earth-Science Reviews</i> , 2015 , 146, 65-76	10.2	64
96	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. Italy). <i>Contributions To Mineralogy and Petrology</i> , 2015 , 170, 1	3.5	24
95	The ICPMS signal as a Poisson process: a review of basic concepts. <i>Journal of Analytical Atomic Spectrometry</i> , 2015 , 30, 1297-1321	3.7	11
94	Rapid heterogeneous assembly of multiple magma reservoirs prior to Yellowstone supereruptions. <i>Scientific Reports</i> , 2015 , 5, 14026	4.9	78
93	The Bushveld Complex was emplaced and cooled in less than one million years [results of zirconology, and geotectonic implications. <i>Earth and Planetary Science Letters</i> , 2015 , 418, 103-114	5.3	181

92	A Hf-isotope perspective on continent formation in the south Peruvian Andes. <i>Geological Society Special Publication</i> , 2015 , 389, 305-321	1.7	22
91	Megacrystic zircon with planar fractures in miaskite-type nepheline pegmatites formed at high pressures in the lower crust (Ivrea Zone, southern Alps, Switzerland). <i>American Mineralogist</i> , 2015 , 100, 83-94	2.9	33
90	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	5	119
89	High temperature (>350°C) thermochronology and mechanisms of Pb loss in apatite. <i>Geochimica Et Cosmochimica Acta</i> , 2014 , 127, 39-56	5.5	110
88	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	5.3	115
87	EOCENE ZIRCON REFERENCE MATERIAL FOR MICROANALYSIS OF U-Th-Pb ISOTOPES AND TRACE ELEMENTS. <i>Canadian Mineralogist</i> , 2014 , 52, 409-421	0.7	41
86	Linking rapid magma reservoir assembly and eruption trigger mechanisms at evolved Yellowstone-type supervolcanoes. <i>Geology</i> , 2014 , 42, 807-810	5	75
85	Zircons reveal magma fluxes in the Earth's crust. <i>Nature</i> , 2014 , 511, 457-61	50.4	59
84	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	5.3	46
83	High-precision dating of the Kalkarindji large igneous province, Australia, and synchrony with the Early/Middle Cambrian (Stage 4B) extinction. <i>Geology</i> , 2014 , 42, 543-546	5	53
82	Mass spectrometry in Earth sciences: the precise and accurate measurement of time. <i>Chimia</i> , 2014 , 68, 124-8	1.3	1
81	New constraints on the Jurassic/Cretaceous boundary in the High Andes using high-precision U/Pb data. <i>Gondwana Research</i> , 2014 , 26, 374-385	5.1	55
80	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	2.2	20
79	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	2	22
78	Tracking the evolution of large-volume silicic magma reservoirs from assembly to supereruption. <i>Geology</i> , 2013 , 41, 867-870	5	172
77	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	4.3	145
76	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	4.2	38
75	Pre-Mesozoic Alpine basements--their place in the European Paleozoic framework. <i>Bulletin of the Geological Society of America</i> , 2013 , 125, 89-108	3.9	161

74	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	1.1	1
73	Mesozoic arc magmatism along the southern Peruvian margin during Gondwana breakup and dispersal. <i>Lithos</i> , 2012 , 146-147, 48-64	2.9	50
72	Disentangling the Hettangian carbon isotope record: Implications for the aftermath of the end-Triassic mass extinction. <i>Geochemistry, Geophysics, Geosystems</i> , 2012 , 13, n/a-n/a	3.6	43
71	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	2.9	71
70	Time resolved construction of a bimodal laccolith (Torres del Paine, Patagonia). <i>Earth and Planetary Science Letters</i> , 2012 , 325-326, 85-92	5.3	97
69	Rates of magma differentiation and emplacement in a ballooning pluton recorded by U ^{Bb} TIMS-TEA, Adamello batholith, Italy. <i>Earth and Planetary Science Letters</i> , 2012 , 355-356, 162-173	5.3	140
68	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	5.3	48
67	The data treatment dependent variability of U ^{Bb} zircon ages obtained using mono-collector, sector field, laser ablation ICPMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2012 , 27, 663	3.7	55
66	Ammonoid multi-extinction crises during the Late Pliensbachian \rightarrow Toarcian and carbon cycle instabilities 2012 ,		14
65	Lifetime of an ocean island volcano feeder zone: constraints from U ^{Bb} 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	1.5	9
64	Timing of juvenile arc crust formation and evolution in the Sapat Complex (Kohistan \rightarrow Pakistan). <i>Chemical Geology</i> , 2011 , 280, 243-256	4.2	47
63	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	2.2	58
62	Correlating the end-Triassic mass extinction and flood basalt volcanism at the 100 ka level. <i>Geology</i> , 2010 , 38, 387-390	5	301
61	A new method integrating high-precision U ^{Bb} geochronology with zircon trace element analysis (U ^{Bb} TIMS-TEA). <i>Geochimica Et Cosmochimica Acta</i> , 2010 , 74, 7144-7159	5.5	73
60	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	4.3	91
59	Two types of ultrapotassic plutonic rocks in the Bohemian Massif \rightarrow Coeval intrusions at different crustal levels. <i>Lithos</i> , 2010 , 115, 163-176	2.9	48
58	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	3.9	91
57	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	4.3	36

56	Late Cretaceous intra-oceanic magmatism in the internal Dinarides (northern Bosnia and Herzegovina): Implications for the collision of the Adriatic and European plates. <i>Lithos</i> , 2009 , 108, 106-125	2.9	66
55	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	2.1	21
54	U/Pb, Re/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	4.8	46
53	Crustal growth along a non-collisional cratonic margin: A Lu/Hf isotopic survey of the Eastern Cordilleran granitoids of Peru. <i>Earth and Planetary Science Letters</i> , 2009 , 279, 303-315	5.3	87
52	Zircon and titanite recording 1.5million 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	5.3	152
51	Detrital zircon fingerprint of the Proto-Andes: Evidence for a Neoproterozoic active margin?. <i>Precambrian Research</i> , 2008 , 167, 186-200	3.9	102
50	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	5.3	140
49	Pleßvice zircon: A new natural reference material for U/Pb and Hf isotopic microanalysis. <i>Chemical Geology</i> , 2008 , 249, 1-35	4.2	2862
48	Incremental growth of the Patagonian Torres del Paine laccolith over 90 k.y. <i>Geology</i> , 2008 , 36, 459	5	163
47	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	2.1	27
46	Neoproterozoic glaciation in the Proto-Andes: Tectonic implications and global correlation. <i>Geology</i> , 2007 , 35, 1095	5	31
45	Re-equilibration of Zircon in Aqueous Fluids and Melts. <i>Elements</i> , 2007 , 3, 43-50	3.8	535
44	Hydrothermal Zircon. <i>Elements</i> , 2007 , 3, 51-79	3.8	99
43	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	2.1	92
42	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	2.1	30
41	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	2.2	126
40	Model of successive granite sheet emplacement in transtensional setting: Integrated microstructural and anisotropy of magnetic susceptibility study. <i>Tectonics</i> , 2007 , 26, n/a-n/a	4.3	38
39	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	3.9	168

38	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	5	3
37	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	5.3	201
36	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	3	74
35	Geology, Geochronology, and Hf and Pb Isotope Data of the Raul-Condestable Iron Oxide-Copper-Gold Deposit, Central Coast of Peru. <i>Economic Geology</i> , 2006 , 101, 281-310	4.3	33
34	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	5.3	186
33	Magmatic-to-hydrothermal crystallization in the W ^{Sr} mineralized Mole Granite (NSW, Australia). <i>Chemical Geology</i> , 2005 , 220, 191-213	4.2	165
32	Magmatic-to-hydrothermal crystallization in the W ^{Sr} mineralized Mole Granite (NSW, Australia). <i>Chemical Geology</i> , 2005 , 220, 215-235	4.2	64
31	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	2.9	103
30	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	2.2	30
29	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	2	5
28	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	2.2	13
27	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	5.3	156
26	The Composition of Zircon and Igneous and Metamorphic Petrogenesis. <i>Reviews in Mineralogy and Geochemistry</i> , 2003 , 53, 27-62	7.1	2485
25	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 isotopes from the Bantombaa Complex, Namibia. <i>Lithos</i> , 2003 , 67, 205-226	2.9	69
24	Zircon U ^{Pb} geochronology of Ordovician magmatism in the polycyclic Ruitor Massif (Internal W Alps). <i>International Journal of Earth Sciences</i> , 2002 , 91, 964-978	2.2	37
23	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	3	111
22	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	3	97
21	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	5.3	79

20	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	4.2	22
19	The current state and future of accessory mineral research. <i>Chemical Geology</i> , 2002 , 191, 3-24	4.2	75
18	Zircon ages of high-grade gneisses in the Eastern Erzgebirge (Central European Variscides) - constraints on origin of the rocks and Precambrian to Ordovician magmatic events in the Variscan Foldbelt. <i>Lithos</i> , 2001 , 56, 303-332	2.9	79
17	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	2.2	51
16	Syn-convergent high-temperature metamorphism and magmatism in the Variscides: a discussion of potential heat sources. <i>Geological Society Special Publication</i> , 2000 , 179, 387-399	1.7	44
15	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. <i>Contributions To Mineralogy and Petrology</i> , 1999 , 134, 186-201	3.5	504
14	Post-granulite facies monazite growth and rejuvenation during Permian to Lower Jurassic thermal and fluid events in the Ivrea Zone (Southern Alps). <i>Contributions To Mineralogy and Petrology</i> , 1999 , 134, 405-414	3.5	74
13	Magma pulses in the Central Variscan Belt: episodic melt generation and emplacement during lithospheric thinning. <i>Terra Nova</i> , 1997 , 9, 242-245	3	88
12	Precise UPb chronometry of 345-340 Ma old magmatism related to syn-convergence extension in the Southern Vosges (Central Variscan Belt). <i>Earth and Planetary Science Letters</i> , 1996 , 144, 403-419	5.3	67
11	Early Cambrian oceanic plagiogranite in the Silvretta Nappe, eastern Alps: geochemical, zircon U-Pb and Rb-Sr data from garnet-hornblende-plagioclase gneisses. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1996 , 85, 822-831		23
10	K-Ar systematics of clay-to-mica minerals in a multi-stage low-grade metamorphic evolution. <i>Chemical Geology</i> , 1995 , 124, 305-316	4.2	24
9	Late Variscan Basin and Range magmatism and tectonics in the Central Alps: evidence from U-Pb geochronology. <i>Geodinamica Acta</i> , 1995 , 8, 82-98	2	40
8	Neodymium and strontium isotopic dating of diagenesis and low-grade metamorphism of argillaceous sediments. <i>Geochimica Et Cosmochimica Acta</i> , 1994 , 58, 1471-1481	5.5	67
7	U-Pb age constraints on deposition and provenance of Birimian and gold-bearing Tarkwaian sediments in Ghana, West Africa. <i>Precambrian Research</i> , 1994 , 67, 89-107	3.9	152
6	Late Variscan Magmatic Evolution of the Alpine Basement 1993 , 171-201		40
5	The evolution of the polymetamorphic basement in the Central Alps unravelled by precise U-Pb zircon dating. <i>Contributions To Mineralogy and Petrology</i> , 1993 , 113, 466-478	3.5	38
4	The age and source of late Hercynian magmatism in the central Alps: evidence from precise U-Pb ages and initial Hf isotopes. <i>Contributions To Mineralogy and Petrology</i> , 1992 , 111, 329-344	3.5	83
3	Post-magmatic resetting of Rb-Sr whole rock ages - a study in the Central Aar Granite (Central Alps, Switzerland). <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1990 , 79, 709-724		19

2	Heavy rare-earth element enrichment in granites of the Aar Massif (Central Alps, Switzerland). <i>Chemical Geology</i> , 1990 , 89, 49-63	4.2	16
1	The Central Aar Granite: Highly differentiated calc-alkaline magmatism in the Aar Massif (Central Alps, Switzerland). <i>European Journal of Mineralogy</i> , 1990 , 2, 245-260	2.2	46