

Suzanne Y. O Reilly

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.

435
papers

35,471
citations

94
h-index

174
g-index

452
ext. papers

38,627
ext. citations

4.1
avg, IF

7.2
L-index

#	Paper	IF	Citations
435	Temporal changes in subduction- to collision-related magmatism in the Neotethyan orogen: The Southeast Iran example. <i>Earth-Science Reviews</i> , 2022 , 226, 103930	10.2	0
434	Structure and composition of the lithosphere beneath Mount Carmel, North Israel. <i>Contributions To Mineralogy and Petrology</i> , 2022 , 177, 1	3.5	1
433	Geochemical variability among stratiform chromitites and ultramafic rocks from Western Makran, South Iran. <i>Lithos</i> , 2022 , 106591	2.9	1
432	Apatite halogens and Sr O and zircon Hf O isotopes: Recycled volatiles in Jurassic porphyry ore systems in southern Tibet. <i>Chemical Geology</i> , 2022 , 120924	4.2	3
431	Open System Re-Os Isotope Behavior in Platinum-Group Minerals during Laterization?. <i>Minerals (Basel, Switzerland)</i> , 2021 , 11, 1083	2.4	1
430	Deep lithosphere of the North China Craton archives the fate of the Paleo-Asian Ocean. <i>Earth-Science Reviews</i> , 2021 , 215, 103554	10.2	4
429	Recycled volatiles determine fertility of porphyry deposits in collisional settings. <i>American Mineralogist</i> , 2021 , 106, 656-661	2.9	24
428	Melting Dynamics of Late Cretaceous Lamprophyres in Central Asia Suggest a Mechanism to Explain Many Continental Intraplate Basaltic Suite Magmatic Provinces. <i>Journal of Geophysical Research: Solid Earth</i> , 2021 , 126, e2021JB021663	3.6	0
427	The microstructure of layered ultramafic cumulates: Case study of the Bear Creek intrusion, Trinity ophiolite, California, USA. <i>Lithos</i> , 2021 , 388-389, 106047	2.9	
426	Nitrogen under Super-Reducing Conditions: Ti Oxynitride Melts in Xenolithic Corundum Aggregates from Mt Carmel (N. Israel). <i>Minerals (Basel, Switzerland)</i> , 2021 , 11, 780	2.4	2
425	Pyroxenite Xenoliths Record Complex Melt Impregnation in the Deep Lithosphere of the Northwestern North China Craton. <i>Journal of Petrology</i> , 2021 , 62,	3.9	3
424	Cenozoic lithospheric architecture and metallogensis in Southeastern Tibet. <i>Earth-Science Reviews</i> , 2021 , 214, 103472	10.2	17
423	Ti in corundum traces crystal growth in a highly reduced magma. <i>Scientific Reports</i> , 2021 , 11, 2439	4.9	2
422	Melt Migration and Interaction in a Dunite Channel System within Oceanic Forearc Mantle: the Yushigou Harzburgite-Dunite Associations, North Qilian Ophiolite (NW China). <i>Journal of Petrology</i> , 2021 , 62,	3.9	5
421	Sulfide Aggregation in Ophiolitic Dunite Channels Explains Os-Isotope Mismatch between Oceanic Crust and Mantle. <i>Acta Geologica Sinica</i> , 2020 , 94, 66-66	0.7	
420	Parageneses of TiB ₂ in corundum xenoliths from Mt. Carmel, Israel: Siderophile behavior of boron under reducing conditions. <i>American Mineralogist</i> , 2020 , 105, 1609-1621	2.9	8
419	Lithospheric memory of subduction in mantle pyroxenite xenoliths from rift-related basalts. <i>Earth and Planetary Science Letters</i> , 2020 , 544, 116365	5.3	9

418	Oceanization of the subcontinental lithospheric mantle recorded in the Yunzhug ophiolite, Central Tibetan Plateau. <i>Lithos</i> , 2020 , 370-371, 105612	2.9	5
417	New constraints on the source, composition, and post-placement modification of kimberlites from in situ CDBr-isotope analyses of carbonates from the Benfontein sills (South Africa). <i>Contributions To Mineralogy and Petrology</i> , 2020 , 175, 1	3.5	7
416	Corrigendum to Sulfide in dunite channels reflects long-distance reactive migration of mid-ocean-ridge melts from mantle source to crust: A Re-Os isotopic perspective [Earth Planet. Sci. Lett. 531 (2020) 115969]. <i>Earth and Planetary Science Letters</i> , 2020 , 535, 116136	5.3	2
415	Extreme reduction: Mantle-derived oxide xenoliths from a hydrogen-rich environment. <i>Lithos</i> , 2020 , 358-359, 105404	2.9	13
414	Tracking the birth and growth of Cimmeria: Geochronology and origins of intrusive rocks from NW Iran. <i>Gondwana Research</i> , 2020 , 87, 188-206	5.1	2
413	Immiscible metallic melts in the deep Earth: clues from moissanite (SiC) in volcanic rocks. <i>Science Bulletin</i> , 2020 , 65, 1479-1488	10.6	6
412	Reworking of old continental lithosphere: Unradiogenic Os and decoupled Hf Nd isotopes in sub-arc mantle pyroxenites. <i>Lithos</i> , 2020 , 354-355, 105346	2.9	7
411	Repeated magmatic buildup and deep Hot zones in continental evolution: The Cadomian crust of Iran. <i>Earth and Planetary Science Letters</i> , 2020 , 531, 115989	5.3	19
410	Sulfide in dunite channels reflects long-distance reactive migration of mid-ocean-ridge melts from mantle source to crust: A Re-Os isotopic perspective. <i>Earth and Planetary Science Letters</i> , 2020 , 531, 115969	5.3	14
409	Metasomatic control of hydrogen contents in the layered cratonic mantle lithosphere sampled by Lac de Gras xenoliths in the central Slave craton, Canada. <i>Geochimica Et Cosmochimica Acta</i> , 2020 , 286, 29-53	5.5	6
408	Re-Os Isotope Systematics of Sulfides in Chromitites and Host Lherzolites of the Andaman Ophiolite, India. <i>Minerals (Basel, Switzerland)</i> , 2020 , 10, 686	2.4	4
407	Subduction initiation and back-arc opening north of Neo-Tethys: Evidence from the Late Cretaceous Torbat-e-Heydarieh ophiolite of NE Iran. <i>Bulletin of the Geological Society of America</i> , 2020 , 132, 1083-1105	3.9	9
406	Pre-Mesozoic Crimea as a continuation of the Dobrogea platform: insights from detrital zircons in Upper Jurassic conglomerates, Mountainous Crimea. <i>International Journal of Earth Sciences</i> , 2019 , 108, 2407-2428	2.2	10
405	Late Cretaceous subduction-related magmatism on the southern edge of Sabzevar basin, NE Iran. <i>Journal of the Geological Society</i> , 2019 , 176, 530-552	2.7	18
404	Feedback of mantle metasomatism on olivine microfabric and seismic properties of the deep lithosphere. <i>Lithos</i> , 2019 , 328-329, 43-57	2.9	2
403	Discussion of Enigmatic super-reduced phases in corundum from natural rocks: Possible contamination from artificial abrasive materials or metallurgical slags by Litasov et al. (<i>Lithos</i> , 340B41, p.181B90). <i>Lithos</i> , 2019 , 348-349, 105122	2.9	8
402	Lateral and Vertical Heterogeneity in the Lithospheric Mantle at the Northern Margin of the Pannonian Basin Reconstructed From Peridotite Xenolith Microstructures. <i>Journal of Geophysical Research: Solid Earth</i> , 2019 , 124, 6315-6336	3.6	10
401	Lithospheric mapping: a pathfinder for hidden terrane and ore systems in southern Lhasa block. <i>Acta Geologica Sinica</i> , 2019 , 93, 204-204	0.7	

400	Making and unmaking continental mantle: Geochemical and geophysical perspectives. <i>Acta Geologica Sinica</i> , 2019 , 93, 249-250	0.7	1
399	Langshan basalts record recycled Paleo-Asian oceanic materials beneath the northwest North China Craton. <i>Chemical Geology</i> , 2019 , 524, 88-103	4.2	15
398	A terrestrial magmatic hibonite-grossite-vanadium assemblage: Desilication and extreme reduction in a volcanic plumbing system, Mount Carmel, Israel. <i>American Mineralogist</i> , 2019 , 104, 207-219	2.9	20
397	Cu isotopes reveal initial Cu enrichment in sources of giant porphyry deposits in a collisional setting. <i>Geology</i> , 2019 , 47, 135-138	5	39
396	Discovery of the first natural hydride. <i>American Mineralogist</i> , 2019 , 104, 611-614	2.9	10
395	Mud Tank Zircon: Long-Term Evaluation of a Reference Material for U-Pb Dating, Hf-Isotope Analysis and Trace Element Analysis. <i>Geostandards and Geoanalytical Research</i> , 2019 , 43, 339-354	3.6	18
394	Australian laterites reveal mechanisms governing scandium dynamics in the critical zone. <i>Geochimica Et Cosmochimica Acta</i> , 2019 , 260, 292-310	5.5	15
393	Extremely low structural hydroxyl contents in upper mantle xenoliths from the Nǎrǎ-Gǎnǎ Volcanic Field (northern Pannonian Basin): Geodynamic implications and the role of post-eruptive re-equilibration. <i>Chemical Geology</i> , 2019 , 507, 23-41	4.2	14
392	A reappraisal of the metamorphic history of the Tehuitzingo chromitite, Puebla state, Mexico. <i>International Geology Review</i> , 2019 , 61, 1706-1727	2.3	9
391	Neoproterozoic sedimentary rocks track the location of the Lhasa Block during the Rodinia breakup. <i>Precambrian Research</i> , 2019 , 320, 63-77	3.9	19
390	The Earliest Subcontinental Lithospheric Mantle 2019 , 81-102		4
389	Inclusions of crichtonite-group minerals in Cr-pyropes from the Internatsionalnaya kimberlite pipe, Siberian Craton: Crystal chemistry, parageneses and relationships to mantle metasomatism. <i>Lithos</i> , 2018 , 308-309, 181-195	2.9	14
388	Insights into the mantle geochemistry of scandium from a meta-analysis of garnet data. <i>Lithos</i> , 2018 , 310-311, 409-421	2.9	8
387	Component variation in the late Neoproterozoic to Cambrian sedimentary rocks of SW China [NE Vietnam, and its tectonic significance. <i>Precambrian Research</i> , 2018 , 308, 92-110	3.9	19
386	Cold plumes trigger contamination of oceanic mantle wedges with continental crust-derived sediments: Evidence from chromitite zircon grains of eastern Cuban ophiolites. <i>Geoscience Frontiers</i> , 2018 , 9, 1921-1936	6	19
385	Multi-stage modification of Paleoproterozoic crust beneath the Anabar tectonic province (Siberian craton). <i>Precambrian Research</i> , 2018 , 305, 125-144	3.9	18
384	Basement components of the Xiangshan-Yuhuashan area, South China: Defining the boundary between the Yangtze and Cathaysia blocks. <i>Precambrian Research</i> , 2018 , 309, 102-122	3.9	18
383	Constraints from zircon Hf-O-Li isotopic compositions on the genesis of slightly low- $\delta^{18}\text{O}$ alkaline granites in the Taohuadao area, Zhejiang Province, SE China. <i>Journal of Asian Earth Sciences</i> , 2018 , 167, 197-208	2.8	4

382	Global- to Deposit-Scale Controls on Orthomagmatic Ni-Cu(-PGE) and PGE Reef Ore Formation 2018 , 1-46		5
381	Super-reducing conditions in ancient and modern volcanic systems: sources and behaviour of carbon-rich fluids in the lithospheric mantle. <i>Mineralogy and Petrology</i> , 2018 , 112, 101-114	1.6	36
380	Characterisation of primary and secondary carbonates in hypabyssal kimberlites: an integrated compositional and Sr-isotopic approach. <i>Mineralogy and Petrology</i> , 2018 , 112, 555-567	1.6	14
379	Subduction-related middle Permian to early Triassic magmatism in central Hainan Island, South China. <i>Lithos</i> , 2018 , 318-319, 158-175	2.9	17
378	Unexposed Archean components and complex post-Archean accretion/reworking processes beneath the southern Yangtze Block revealed by zircon xenocrysts from the Paleozoic lamproites, South China. <i>Precambrian Research</i> , 2018 , 316, 174-196	3.9	14
377	Permian to quaternary magmatism beneath the Mt Carmel area, Israel: Zircons from volcanic rocks and associated alluvial deposits. <i>Lithos</i> , 2018 , 314-315, 307-322	2.9	13
376	Timing the tectonic mingling of ultramafic rocks and metasediments in the southern section of the coastal accretionary complex of central Chile. <i>International Geology Review</i> , 2018 , 60, 2031-2045	2.3	4
375	Carmeltazite, ZrAl ₂ Ti ₄ O ₁₁ , a New Mineral Trapped in Corundum from Volcanic Rocks of Mt Carmel, Northern Israel. <i>Minerals (Basel, Switzerland)</i> , 2018 , 8, 601	2.4	17
374	Gold in the mantle: A global assessment of abundance and redistribution processes. <i>Lithos</i> , 2018 , 322, 376-391	2.9	27
373	Tectonic Switching of Southeast China in the Late Paleozoic. <i>Journal of Geophysical Research: Solid Earth</i> , 2018 , 123, 8508-8526	3.6	10
372	Tracking Deep Lithospheric Events with Garnet-Websterite Xenoliths from Southeastern Australia. <i>Journal of Petrology</i> , 2018 , 59, 901-930	3.9	11
371	Roll-Back, Extension and Mantle Upwelling Triggered Eocene Potassic Magmatism in NW Iran. <i>Journal of Petrology</i> , 2018 , 59, 1417-1465	3.9	27
370	Deposits associated with ultramafic complexes in Mexico: the Loma Baya case. <i>Ore Geology Reviews</i> , 2017 , 81, 1053-1065	3.2	5
369	Zircon recycling and crystallization during formation of chromite- and Ni-arsenide ores in the subcontinental lithospheric mantle (Serranā de Ronda, Spain). <i>Ore Geology Reviews</i> , 2017 , 90, 193-209	3.2	21
368	High- and low-Cr chromitite and dunite in a Tibetan ophiolite: evolution from mature subduction system to incipient forearc in the Neo-Tethyan Ocean. <i>Contributions To Mineralogy and Petrology</i> , 2017 , 172, 1	3.5	29
367	Deformation of mantle pyroxenites provides clues to geodynamic processes in subduction zones: Case study of the Cabo Ortegal Complex, Spain. <i>Earth and Planetary Science Letters</i> , 2017 , 472, 174-185	5.3	15
366	Super-reduced mineral assemblages in "ophiolitic" chromitites and peridotites: the view from Mount Carmel. <i>European Journal of Mineralogy</i> , 2017 , 29, 557-570	2.2	31
365	Two-layered oceanic lithospheric mantle in a Tibetan ophiolite produced by episodic subduction of Tethyan slabs. <i>Geochemistry, Geophysics, Geosystems</i> , 2017 , 18, 1189-1213	3.6	22

364	Subduction, high-P metamorphism, and collision fingerprints in South Iran: Constraints from zircon U-Pb and mica Rb-Sr geochronology. <i>Geochemistry, Geophysics, Geosystems</i> , 2017 , 18, 306-332	3.6	21
363	The recycling of chromitites in ophiolites from southwestern North America. <i>Lithos</i> , 2017 , 294-295, 53-72.9		22
362	Use and misuse of Mg- and Mn-rich ilmenite in diamond exploration: A petrographic and trace element approach. <i>Lithos</i> , 2017 , 292-293, 348-363	2.9	14
361	Plume-subduction interaction forms large auriferous provinces. <i>Nature Communications</i> , 2017 , 8, 843	17.4	50
360	Multiple Metasomatism beneath the Ngrongol Volcanic Field (Northern Pannonian Basin) Revealed by Upper Mantle Peridotite Xenoliths. <i>Journal of Petrology</i> , 2017 , 58, 1107-1144	3.9	16
359	Sources and timing of pyroxenite formation in the sub-arc mantle: Case study of the Cabo Ortegal Complex, Spain. <i>Earth and Planetary Science Letters</i> , 2017 , 474, 490-502	5.3	19
358	Sources of the Nanwenhe - Song Chay granitic complex (SW China - NE Vietnam) and its tectonic significance. <i>Lithos</i> , 2017 , 290-291, 76-93	2.9	13
357	Laurite and zircon from the Finero chromitites (Italy): New insights into evolution of the subcontinental mantle. <i>Ore Geology Reviews</i> , 2017 , 90, 210-225	3.2	14
356	Ultrapotassic rocks and xenoliths from South Tibet: Contrasting styles of interaction between lithospheric mantle and asthenosphere during continental collision. <i>Geology</i> , 2017 , 45, 51-54	5	53
355	Recurrent magmatic activity on a lithosphere-scale structure: Crystallization and deformation in kimberlitic zircons. <i>Gondwana Research</i> , 2017 , 42, 126-132	5.1	20
354	Carbon isotopes of eclogite-hosted diamonds from the Nyurbinskaya kimberlite pipe, Yakutia: The metasomatic origin of diamonds. <i>Chemical Geology</i> , 2017 , 455, 131-147	4.2	5
353	Early Paleozoic tectonic reconstruction of Iran: Tales from detrital zircon geochronology. <i>Lithos</i> , 2017 , 268-271, 87-101	2.9	44
352	Crustal Evolution of NW Iran: Cadomian Arcs, Archean Fragments and the Cenozoic Magmatic Flare-Up. <i>Journal of Petrology</i> , 2017 , 58, 2143-2190	3.9	44
351	DEPLETED SSZ TYPE MANTLE PERIDOTITES IN PROTEROZOIC EASTERN SAYAN OPHIOLITES IN SIBERIA. <i>Geodinamika I Tektonofizika</i> , 2017 , 8, 583-587	0.8	5
350	Scandium speciation in a world-class lateritic deposit. <i>Geochemical Perspectives Letters</i> , 2017 , 105-114	3	38
349	Uplift of the southeastern Australian lithosphere: Thermal-tectonic evolution of garnet pyroxenite xenoliths from western Victoria. <i>Special Paper of the Geological Society of America</i> , 2017 , 27-48		1
348	First terrestrial occurrence of tistarite (Ti ₂ O ₃): Ultra-low oxygen fugacity in the upper mantle beneath Mount Carmel, Israel. <i>Geology</i> , 2016 , 44, 815-818	5	42
347	Cr-rich rutile: A powerful tool for diamond exploration. <i>Lithos</i> , 2016 , 265, 304-311	2.9	21

346	Widespread Paleoproterozoic basement in the eastern Cathaysia Block: Evidence from metasedimentary rocks of the Pingtan-Dongshan metamorphic belt, in southeastern China. <i>Precambrian Research</i> , 2016 , 285, 91-108	3.9	10
345	Magnesium and oxygen isotopes in Roberts Victor eclogites. <i>Chemical Geology</i> , 2016 , 438, 73-83	4.2	14
344	Compositional effects on the solubility of minor and trace elements in oxide spinel minerals: insights from crystal-crystal partition coefficients in chromite exsolution. <i>American Mineralogist</i> , 2016 , 101, 1360-1372	2.9	23
343	Southward trench migration at ~130-120 Ma caused accretion of the Neo-Tethyan forearc lithosphere in Tibetan ophiolites. <i>Earth and Planetary Science Letters</i> , 2016 , 438, 57-65	5.3	84
342	Trace-element geochemistry and U-Pb dating of perovskite in kimberlites of the Lunda Norte province (NE Angola): Petrogenetic and tectonic implications. <i>Chemical Geology</i> , 2016 , 426, 118-134	4.2	26
341	Gold in the mantle: The role of pyroxenites. <i>Lithos</i> , 2016 , 244, 205-217	2.9	12
340	Tracing ancient events in the lithospheric mantle: A case study from ophiolitic chromitites of SW Turkey. <i>Journal of Asian Earth Sciences</i> , 2016 , 119, 1-19	2.8	14
339	Recycling of ancient subduction-modified mantle domains in the Purang ophiolite (southwestern Tibet). <i>Lithos</i> , 2016 , 262, 11-26	2.9	27
338	Primitive Arc Magmatism and Delamination: Petrology and Geochemistry of Pyroxenites from the Cabo Ortegal Complex, Spain. <i>Journal of Petrology</i> , 2016 , 57, 1921-1954	3.9	33
337	Mantle Recycling: Transition Zone Metamorphism of Tibetan Ophiolitic Peridotites and its Tectonic Implications. <i>Journal of Petrology</i> , 2016 , 57, 655-684	3.9	109
336	Nitrogen nano-inclusions in milky diamonds from Juina area, Mato Grosso State, Brazil. <i>Lithos</i> , 2016 , 265, 57-67	2.9	12
335	Tectonothermal evolution of the continental crust beneath the Yakutian diamondiferous province (Siberian craton): U-Pb and Hf isotopic evidence on zircons from crustal xenoliths of kimberlite pipes. <i>Precambrian Research</i> , 2016 , 282, 1-20	3.9	19
334	Granulite facies xenoliths from the Yuhuashan complex, central Jiangxi, South China: constraints on Late Palaeozoic orogeny and middle-lower crust components. <i>Journal of Metamorphic Geology</i> , 2016 , 34, 45-61	4.4	5
333	Tibetan chromitites: Excavating the slab graveyard. <i>Geology</i> , 2015 , 43, 179-182	5	77
332	Episodic refertilization and metasomatism of Archean mantle: evidence from an orogenic peridotite in North Qaidam (NE Tibet, China). <i>Contributions To Mineralogy and Petrology</i> , 2015 , 169, 1	3.5	24
331	Thermal metamorphism of mantle chromites and the stability of noble-metal nanoparticles. <i>Contributions To Mineralogy and Petrology</i> , 2015 , 170, 1	3.5	19
330	Fluid-present deformation aids chemical modification of chromite: Insights from chromites from Golyamo Kamenyane, SE Bulgaria. <i>Lithos</i> , 2015 , 228-229, 78-89	2.9	23
329	Trace-element fingerprints of chromite, magnetite and sulfides from the 3.1 Ga ultramafic mafic rocks of the Nuggihalli greenstone belt, Western Dharwar craton (India). <i>Contributions To Mineralogy and Petrology</i> , 2015 , 169, 1	3.5	20

328	Microscale effects of melt infiltration into the lithospheric mantle: Peridotite xenoliths from Xilong, South China. <i>Lithos</i> , 2015 , 232, 111-123	2.9	16
327	Sulfide metasomatism and the mobility of gold in the lithospheric mantle. <i>Chemical Geology</i> , 2015 , 410, 149-161	4.2	17
326	Ancient mantle lithosphere beneath the Khanka massif in the Russian Far East: in situ ReOs evidence. <i>Terra Nova</i> , 2015 , 27, 277-284	3	10
325	Re-Os isotopic constraints on the evolution of the Bangong-Nujiang Tethyan oceanic mantle, Central Tibet. <i>Lithos</i> , 2015 , 224-225, 32-45	2.9	11
324	Diamonds in ophiolites: Contamination or a new diamond growth environment?. <i>Earth and Planetary Science Letters</i> , 2015 , 430, 284-295	5.3	41
323	Complex evolution of the lower crust beneath the southeastern North China Craton: The Junan xenoliths and xenocrysts: Reply. <i>Lithos</i> , 2015 , 234-235, 96-99	2.9	
322	Genesis and tectonic implications of podiform chromitites in the metamorphosed ultramafic massif of Dobromirski (Bulgaria). <i>Gondwana Research</i> , 2015 , 27, 555-574	5.1	52
321	Extreme lithium isotopic fractionation in three zircon standards (Plešovice, Qinghu and Temora). <i>Scientific Reports</i> , 2015 , 5, 16878	4.9	11
320	Messengers from the deep: Fossil wadsleyite-chromite microstructures from the Mantle Transition Zone. <i>Scientific Reports</i> , 2015 , 5, 16484	4.9	34
319	Geoscience Data Integration: Insights into Mapping Lithospheric Architecture. <i>ASEG Extended Abstracts</i> , 2015 , 2015, 1-2	0.2	
318	Ages, trace elements and Hf-isotopic compositions of zircons from claystones around the Permian-Triassic boundary in the Zunyi Section, South China: Implications for nature and tectonic setting of the volcanism. <i>Journal of Earth Science (Wuhan, China)</i> , 2015 , 26, 872-882	2.2	19
317	The enigma of crustal zircons in upper-mantle rocks: Clues from the Tumut ophiolite, southeast Australia. <i>Geology</i> , 2015 , 43, 119-122	5	49
316	The world turns over: Hadean-Archean crust-mantle evolution. <i>Lithos</i> , 2014 , 189, 2-15	2.9	138
315	Chromitites in ophiolites: How, where, when, why? Part II. The crystallization of chromitites. <i>Lithos</i> , 2014 , 189, 140-158	2.9	140
314	Fingerprints of metamorphism in chromite: New insights from minor and trace elements. <i>Chemical Geology</i> , 2014 , 389, 137-152	4.2	68
313	Sources of cratonic metasomatic fluids: In situ LA-MC-ICPMS analysis of Sr, Nd, Hf and Pb isotopes in Lima from the Jagersfontein Kimberlite. <i>Numerische Mathematik</i> , 2014 , 314, 435-461	5.3	11
312	Complex evolution of the lower crust beneath the southeastern North China Craton: the Junan xenoliths and xenocrysts. <i>Lithos</i> , 2014 , 206-207, 113-126	2.9	12
311	Emplacement ages and sources of kimberlites and related rocks in southern Africa: U-Pb ages and Sr-Nd isotopes of groundmass perovskite. <i>Contributions To Mineralogy and Petrology</i> , 2014 , 168, 1	3.5	63

310	Significance of ancient sulfide PGE and ReOs signatures in the mantle beneath Calatrava, Central Spain. <i>Contributions To Mineralogy and Petrology</i> , 2014 , 168, 1	3.5	22
309	Linking continental deep subduction with destruction of a cratonic margin: strongly reworked North China SCLM intruded in the Triassic Sulu UHP belt. <i>Contributions To Mineralogy and Petrology</i> , 2014 , 168, 1	3.5	55
308	Pyroxenite Dykes in Orogenic Peridotite from North Qaidam (NE Tibet, China) Track Metasomatism and Segregation in the Mantle Wedge. <i>Journal of Petrology</i> , 2014 , 55, 2347-2376	3.9	32
307	Water contents of Roberts Victor xenolithic eclogites: primary and metasomatic controls. <i>Contributions To Mineralogy and Petrology</i> , 2014 , 168, 1	3.5	11
306	Origin and geological significance of Paleoproterozoic granites in the northeastern Cathaysia Block, South China. <i>Precambrian Research</i> , 2014 , 248, 72-95	3.9	65
305	Screening criteria for reliable U-Pb geochronology and oxygen isotope analysis in uranium-rich zircons: A case study from the Suzhou A-type granites, SE China. <i>Lithos</i> , 2014 , 192-195, 180-191	2.9	79
304	Petrogenesis and geochronology of Cretaceous adakitic, I- and A-type granitoids in the NE Yangtze block: Constraints on the eastern subsurface boundary between the North and South China blocks: Reply. <i>Lithos</i> , 2014 , 196-197, 380-383	2.9	
303	Unmasking xenolithic eclogites: Progressive metasomatism of a key Roberts Victor sample. <i>Chemical Geology</i> , 2014 , 364, 56-65	4.2	18
302	Chromitites in ophiolites: How, where, when, why? Part I. A review and new ideas on the origin and significance of platinum-group minerals. <i>Lithos</i> , 2014 , 189, 127-139	2.9	79
301	Carboniferous and Permian granites of the northern Tasman orogenic belt, Queensland, Australia: insights into petrogenesis and crustal evolution from an in situ zircon study. <i>International Journal of Earth Sciences</i> , 2013 , 102, 647-669	2.2	7
300	Trace element partitioning in mixed-habit diamonds. <i>Chemical Geology</i> , 2013 , 355, 134-143	4.2	19
299	Late Paleozoic magmatism in South China: Oceanic subduction or intracontinental orogeny?. <i>Science Bulletin</i> , 2013 , 58, 788-795		16
298	Microcontinents among the accretionary complexes of the Central Asia Orogenic Belt: In situ ReOs evidence. <i>Journal of Asian Earth Sciences</i> , 2013 , 62, 37-50	2.8	16
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13	Mantle-derived sapphirine. <i>Mineralogical Magazine</i> , 1986 , 50, 635-640	1.7	19
12	A xenolith-derived geotherm for southeastern Australia and its geophysical implications. <i>Tectonophysics</i> , 1985 , 111, 41-63	3.1	210
11	Ultramafic Xenoliths from Bullenmerri and Gnotuk Maars, Victoria, Australia: Petrology of a Sub-Continental Crust-Mantle Transition. <i>Journal of Petrology</i> , 1984 , 25, 53-87	3.9	182
10	Sr isotopic heterogeneity in primitive basaltic rocks, southeastern Australia: correlation with mantle metasomatism. <i>Contributions To Mineralogy and Petrology</i> , 1984 , 87, 220-230	3.5	33
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