Fabrizio Nestola

List of Publications by Year
in descending order

306 papers	7,595 citations	81900 39 h-index	85541 71 g-index
322 all docs	322 docs citations	322 times ranked	5065 citing authors

#	Article	IF	Citations
1	Inclusions in diamonds probe Earthâ€™s chemistry through deep time. Communications Chemistry, 2022, 5, .	4.5	3
2	Synthesis of Coordination Polymers and Discrete Complexes from the Reaction of Copper(II) Carboxylates with Pyrazole: Role of Carboxylates Basicity. Crystal Growth and Design, 2022, 22, 1032-1044.	3.0	5
3	Mesoarchean diamonds formed in thickened lithosphere, caused by slab-stacking. Earth and Planetary Science Letters, 2022, 592, 117633.	4.4	8
4	Crystallographic Methods for Non-destructive Characterization of Mineral Inclusions in Diamonds. Reviews in Mineralogy and Geochemistry, 2022, 88, 257-305.	4.8	14
5	Tennantite-(Cd), Cu₆(Cu₄Cd₂)As₄S₁₃, from the Berenguela mining district, Bolivia: the first Cd-member of the tetrahedrite group. Mineralogical Magazine, 2022, 86, 834-840.	1.4	7
6	Demagistrisite, the Missing Link in a Polysomatic Series from Lawsonite to Orientite. Canadian Mineralogist, 2021, , .	1.0	1
7	Origin, properties, and structure of breyite: The second most abundant mineral inclusion in super-deep diamonds. American Mineralogist, 2021, 106, 38-43.	1.9	22
8	Mineral inclusions are not immutable: Evidence of post-entrapment thermally-induced shape change of quartz in garnet. Earth and Planetary Science Letters, 2021, 555, 116708.	4.4	20
9	The new mineral crowningshieldite: A high-temperature NiS polymorph found in a type IIa diamond from the Letseng mine, Lesotho. American Mineralogist, 2021, 106, 301-308.	1.9	2
10	How to apply elastic geobarometry in geology. American Mineralogist, 2021, 106, 669-671.	1.9	3
11	The best temperature range to acquire reliable thermal infrared spectra from orbit. Scientific Reports, 2021, 11, 13212.	3.3	1
12	Discovery of terrestrial allabogdanite (Fe,Ni)2P, and the effect of Ni and Mo substitution on the barringerite-allabogdanite high-pressure transition. American Mineralogist, 2021, 106, 944-952.	1.9	12
13	Dissolution-Repackaging of Hellandite-(Ce), Mottanaite-(Ce)/Ferri-Mottanaite-(Ce). Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Overl	2.0	1
14	Origin of micrometer-sized impact diamonds in ureilites by catalytic growth involving Fe-Ni-silicide: The example of Kenna meteorite. Geochimica Et Cosmochimica Acta, 2021, 309, 286-298.	3.9	7
15	EoS of mantle minerals coupled with composition and thermal state of the lithosphere: Inferring the density structure of peridotitic systems. Lithos, 2021, 404-405, 106483.	1.4	7
16	Diamonds in Ureilites: the Never-Ending Story. Elements, 2021, 17, 292-293.	0.5	1
17	Fossil subduction recorded by quartz from the coesite stability field. Geology, 2020, 48, 24-28.	4.4	56
18	Impact shock origin of diamonds in ureilite meteorites. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25310-25318.	7.1	28

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19	The mineralogy of the historical Mochalin Log REE deposit, South Urals, Russia. Part II. RadekÅ¡kodaite-(La), (CaLa5)(Al4Fe2+)[Si2O7][SiO4]5O(OH)3 and radekÅ¡kodaite-(Ce), (CaCe5)(Al4Fe2+)[Si2O7][SiO4]5O(OH)3, two new minerals with a novel structure-type belonging to the epidoteâ€"tÃ¶rnebohmite polysomatic series. Mineralogical Magazine, 2020, 84, 839-853.	1.4	2
20	â€œEosFit-Pinc: A simple GUI for host-inclusion elastic thermobarometryâ€â€"Reply to Zhong et al.. American Mineralogist, 2020, , .	1.9	1
21	Graphite-Based Geothermometry on Almahata Sitta Ureilitic Meteorites. Minerals (Basel, Switzerland), 2020, 10, 1005.	2.0	8
22	Evidence for complex iron oxides in the deep mantle from FeNi(Cu) inclusions in superdeep diamond. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21088-21094.	7.1	8
23	Let there be water: How hydration/dehydration reactions accompany key Earth and life processes#. American Mineralogist, 2020, 105, 1152-1160.	1.9	10
24	Record of intermediate-depth subduction seismicity in a dry slab from an exhumed ophiolite. Earth and Planetary Science Letters, 2020, 548, 116490.	4.4	14
25	Pseudotachylyte Alteration and the Rapid Fade of Earthquake Scars From the Geological Record. Geophysical Research Letters, 2020, 47, e2020GL090020.	4.0	20
26	RÃ¼dlingerite, Mn2+2V5+As5+O7Â·2H2O, a New Species Isostructural with Fianelite. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10	2.0	1
27	Manganese-Containing Inclusions in Late-Antique Glass Mosaic Tesserae: A New Technological Marker?. Minerals (Basel, Switzerland), 2020, 10, 881.	2.0	2
28	Maletoyvayamite, Au₃Se₄Te₆, a new mineral from Maletoyvayam deposit, Kamchatka peninsula, Russia. Mineralogical Magazine, 2020, 84, 117-123.	1.4	8
29	Deep carbon through time: Earthâ€™s diamond record and its implications for carbon cycling and fluid speciation in the mantle. Geochimica Et Cosmochimica Acta, 2020, 275, 99-122.	3.9	26
30	The role of elastic anisotropy in determining the depth of formation for diamonds and their inclusions. Rendiconti Lincei, 2020, 31, 285-293.	2.2	3
31	Thermal infrared emissivity of felsic-rich to mafic-rich analogues of hot planetary regoliths. Earth and Planetary Science Letters, 2020, 534, 116089.	4.4	10
32	Hingganite-(Nd), Nd2â–¡Be2Si2O8(OH)2, a new gadolinite-supergroup mineral from Zagi Mountain, Pakistan. Canadian Mineralogist, 2020, 58, 549-562.	1.0	4
33	Redetermination and new description of the crystal structure of vanthoffite, Na₆Mg(SO₄)₄. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 785-789.	0.5	2
34	3T polytype of an iron-rich oxyphlogopite from the Bartoy volcanic field, Transbaikalia: MÃ¶ssbauer, infrared, Raman spectroscopy, and crystal structure. Physics and Chemistry of Minerals, 2019, 46, 899-908.	0.8	5
35	Quantifying hexagonal stacking in diamond. Scientific Reports, 2019, 9, 10334.	3.3	24
36	Patynite, NaKCa4[Si9O23], a New Mineral from the Patynskiy Massif, Southern Siberia, Russia. Minerals (Basel, Switzerland), 2019, 9, 611.	2.0	3

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37	Garnet, the archetypal cubic mineral, grows tetragonal. Scientific Reports, 2019, 9, 14672.	3.3	16
38	Reply to: Evidence for two blue (type IIb) diamond populations. Nature, 2019, 570, E28-E29.	27.8	0
39	Multiphase inclusions associated with residual carbonate in a transition zone diamond from Juina (Brazil). Lithos, 2019, 350-351, 105279.	1.4	6
40	Diamond-inclusion system recording old deep lithosphere conditions at Udachnaya (Siberia). Scientific Reports, 2019, 9, 12586.	3.3	23
41	Diamonds and the Mantle Geodynamics of Carbon. , 2019, , 89-128.		16
42	Non-Metamict Aeschynite-(Y), Polycrase-(Y), and Samarskite-(Y) in NYF Pegmatites from Arvogno, Vigezzo Valley (Central Alps, Italy). Minerals (Basel, Switzerland), 2019, 9, 313.	2.0	6
43	Automated FTIR mapping of boron distribution in diamond. Diamond and Related Materials, 2019, 96, 207-215.	3.9	30
44	Discovery of asimowite, the Fe-analog of wadsleyite, in shock-melted silicate droplets of the Suizhou L6 and the Quebrada Chimborazo 001 CB3.0 chondrites. American Mineralogist, 2019, 104, 775-778.	1.9	37
45	Fe-rich ferropericlase and magnesiowÃ¼stite inclusions reflecting diamond formation rather than ambient mantle. Geology, 2019, 47, 27-30.	4.4	19
46	Depth of diamond formation obtained from single periclase inclusions. Geology, 2019, 47, 219-222.	4.4	33
47	Jahnsite-(mnmnfe), Mn2+Mn2+Fe2+2Fe3+2(PO4)4(OH)2Â·8H2O, a New Phosphate Mineral from the Malpensata Pegmatite, Olgiasca, Colico Municipality, Lecco Province, Italy. Canadian Mineralogist, 2019, 57, 225-233.	1.0	3
48	Protogenetic garnet inclusions and the age of diamonds. Geology, 2019, 47, 431-434.	4.4	22
49	Crystallographic orientations of magnesiochromite inclusions in diamonds: what do they tell us?. Contributions To Mineralogy and Petrology, 2019, 174, 1.	3.1	19
50	Fluorcarmoite-(BaNa), the first Mg-dominant mineral of the arrojadite group. European Journal of Mineralogy, 2019, 31, 823-836.	1.3	1
51	The High-Pressure Structural Evolution of Olivine along the Forsteriteâ€“Fayalite Join. Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Overl	2.0	12
52	Cooling history and emplacement of a pyroxenitic lava as proxy for understanding Martian lava flows. Scientific Reports, 2019, 9, 17051.	3.3	8
53	Nixonite, Na2Ti6O13, a new mineral from a metasomatized mantle garnet pyroxenite from the western Rae Craton, Darby kimberlite field, Canada. American Mineralogist, 2019, 104, 1336-1344.	1.9	3
54	The origin of water on Earth: stars or diamonds?. Rendiconti Lincei, 2019, 30, 261-268.	2.2	4

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55	Discovery of moissanite in a peralkaline syenite from the Azores Islands. Lithos, 2019, 324-325, 68-73.	1.4	6
56	Gladkovskyite, MnTlAs3S6, a new thallium sulfosalt from the Vorontsovskoe gold deposit, Northern Urals, Russia. Journal of Geosciences (Czech Republic), 2019, , 207-218.	0.6	10
57	CaSiO3 perovskite in diamond indicates the recycling of oceanic crust into the lower mantle. Nature, 2018, 555, 237-241.	27.8	123
58	Depth of formation of super-deep diamonds: Raman barometry of CaSiO3-walstromite inclusions. American Mineralogist, 2018, 103, 69-74.	1.9	33
59	Very fast crystallisation of MFe2O4 spinel ferrites (M = Co, Mn, Ni, Zn) under low temperature hydrothermal conditions: a time-resolved structural investigation. Green Chemistry, 2018, 20, 2257-2268.	9.0	25
60	40Âyears of mineral elasticity: a critical review and a new parameterisation of equations of state for mantle olivines and diamond inclusions. Physics and Chemistry of Minerals, 2018, 45, 95-113.	0.8	49
61	1D and 3D coordination polymers based on the Cu 3 (Î¼ 3 -OH)(Î¼ -pz) 3 and Cu(Hpz) 3 SBUs connected by the flexible glutarate dianion. Inorganica Chimica Acta, 2018, 470, 385-392.	2.4	7
62	How geometry and anisotropy affect residual strain in host-inclusion systems: Coupling experimental and numerical approaches. American Mineralogist, 2018, 103, 2032-2035.	1.9	58
63	Fossil submarine hydrothermalism in metabasalts from the Gudon (Bressanone) amphibolite (Southalpine basement, Eastern Alps, NE Italy). European Journal of Mineralogy, 2018, 30, 355-366.	1.3	1
64	Elastic geothermobarometry: Corrections for the geometry of the host-inclusion system. Geology, 2018, 46, 231-234.	4.4	81
65	Tsygankoite, Mn8Tl8Hg2(Sb21Pb2Tl)Î£24S48, a New Sulfosalt from the Vorontsovskoe Gold Deposit, Northern Urals, Russia. Minerals (Basel, Switzerland), 2018, 8, 218.	2.0	10
66	Blue boron-bearing diamonds from Earthâ€™s lower mantle. Nature, 2018, 560, 84-87.	27.8	119
67	Toward a Robust Elastic Geobarometry of Kyanite Inclusions in Eclogitic Diamonds. Journal of Geophysical Research: Solid Earth, 2018, 123, 6411-6423.	3.4	19
68	Vorontsovite, (Hg5Cu)Î£6TlAs4S12, and Ferrovorontsovite, (Fe5Cu)Î£6TlAs4S12: The Tl- and Tl-Fe-Analogues of Galkhaite from the Vorontsovskoe Gold Deposit, Northern Urals, Russia. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 217 T	2.0	12
69	Hydrokenopyrochlore, (â–¡,#)2Nb2O6Â·H2O, a new species of the pyrochlore supergroup from the Sahatany Pegmatite Field, Antananarivo Province, Madagascar. European Journal of Mineralogy, 2018, 30, 869-876.	1.3	8
70	Coordination polymers from mild condition reactions of copper(II) carboxylates with pyrazole (Hpz). Influence of carboxylate basicity on the self-assembly of the [Cu3(Î¼3-OH)(Î¼-pz)3]2+ secondary building unit. Inorganica Chimica Acta, 2017, 455, 618-626.	2.4	24
71	Mineral inclusions in diamonds may be synchronous but not syngenetic. Nature Communications, 2017, 8, 14168.	12.8	46
72	Inclusions in super-deep diamonds: windows on the very deep Earth. Rendiconti Lincei, 2017, 28, 595-604.	2.2	17

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73	Thermo-elastic behavior of grossular garnet at high pressures and temperatures. American Mineralogist, 2017, 102, 851-859.	1.9	38
74	As-bearing new mineral species from Valletta mine, Maira Valley, Piedmont, Italy: III. Canosioite, Ba2Fe3+(AsO4)2(OH), description and crystal structure. Mineralogical Magazine, 2017, 81, 305-317.	1.4	7
75	Wampenite, C18 H16 , a new organic mineral from the fossil conifer locality at Wampen, Bavaria, Germany. European Journal of Mineralogy, 2017, 29, 511-515.	1.3	6
76	Richardsollyite, TlPbAsS3, a new sulfosalt from the Lengenbach quarry, Binn Valley, Switzerland. European Journal of Mineralogy, 2017, 29, 679-688.	1.3	7
77	Non-destructive, multi-method, internal analysis of multiple inclusions in a single diamond: First occurrence of mackinawite (Fe,Ni)_{1+x}S. American Mineralogist, 2017, 102, 2235-2243.	1.9	5
78	First crystal-structure determination of natural lansfordite, MgCO3Â·5H2O. Mineralogical Magazine, 2017, 81, 1063-1071.	1.4	3
79	EosFit-Pinc: A simple GUI for host-inclusion elastic thermobarometry. American Mineralogist, 2017, 102, 1957-1960.	1.9	94
80	A simple and generalised Pâ€“Tâ€“V EoS for continuous phase transitions, implemented in EosFit and applied to quartz. Contributions To Mineralogy and Petrology, 2017, 172, 1.	3.1	75
81	Post-magmatic solid solutions of CaCeAl2(Fe3+ 2/3â–¡1/3)[Si2O7][SiO4]O(OH), allanite-(Ce) and REE-bearing epidote in miarolitic pegmatites of Permian Baveno granite (Verbania, central-southern alps, Italy). Mineralogy and Petrology, 2017, 111, 315-323.	1.1	1
82	Neutral dinuclear gold(I) complexes with N -phosphanyl, N -heterocyclic carbenes (NHCPs). Journal of Organometallic Chemistry, 2017, 829, 71-78.	1.8	12
83	Non-Destructive In Situ Study of Plastic Deformations in Diamonds: X-ray Diffraction Topography and ÂµFTIR Mapping of Two Super Deep Diamond Crystals from SÃ£o Luiz (Juina, Brazil). Crystals, 2017, 7, 233.	2.2	12
84	Fossil intermediate-depth earthquakes in subducting slabs linked to differential stress release. Nature Geoscience, 2017, 10, 960-966.	12.9	61
85	<i>EosFit7-GUI</i>: a new graphical user interface for equation of state calculations, analyses and teaching. Journal of Applied Crystallography, 2016, 49, 1377-1382.	4.5	329
86	Evidence for H2O-bearing fluids in the lower mantle from diamond inclusion. Lithos, 2016, 265, 237-243.	1.4	57
87	Tetragonal Almandine-Pyrope Phase, TAPP: finally a name for it, the new mineral jeffbenite. Mineralogical Magazine, 2016, 80, 1219-1232.	1.4	41
88	The role of Fe content on the Fe-Mg exchange reaction in augite. American Mineralogist, 2016, 101, 2747-2750.	1.9	8
89	Large gem diamonds from metallic liquid in Earthâ€™s deep mantle. Science, 2016, 354, 1403-1405.	12.6	266
90	Monazite-(Ce) and Xenotime-(Y) From An Lct, NYF Tertiary Pegmatite Field: Evidence From A Regional Study In the Central Alps (Italy and Switzerland). Canadian Mineralogist, 2016, 54, 863-877.	1.0	5

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91	Ferrostalderite, CuFe₂TlAs₂S₆, a new mineral from Lengenbach, Switzerland: occurrence, crystal structure, and emphasis on the role of iron in sulfosalts. Mineralogical Magazine, 2016, 80, 175-186.	1.4	9
92	Chromium solubility in anhydrous Phase B. Physics and Chemistry of Minerals, 2016, 43, 103-110.	0.8	11
93	Tracing the depositional history of Kalimantan diamonds by zircon provenance and diamond morphology studies. Lithos, 2016, 265, 159-176.	1.4	38
94	Crystallographic orientations of olivine inclusions in diamonds. Lithos, 2016, 265, 312-316.	1.4	21
95	Depth of formation of CaSiO 3 -walstromite included in super-deep diamonds. Lithos, 2016, 265, 138-147.	1.4	55
96	Structural characterization of natural diamond shocked to 60 GPa; implications for Earth and planetary systems. Lithos, 2016, 265, 214-221.	1.4	30
97	Source assemblage types for cratonic diamonds from X-ray synchrotron diffraction. Lithos, 2016, 265, 334-338.	1.4	9
98	Super-deep diamonds and their mineral inclusions: an overview. Acta Crystallographica Section A: Foundations and Advances, 2016, 72, s70-s70.	0.1	0
99	Fibrous minerals from Somma-Vesuvius volcanic complex. Mineralogy and Petrology, 2016, 110, 471-489.	1.1	2
100	A century of mineral structures: How well do we know them?. American Mineralogist, 2016, 101, 1036-1045.	1.9	27
101	X-ray topographic study of a diamond from Udachnaya: Implications for the genetic nature of inclusions. Lithos, 2016, 248-251, 153-159.	1.4	23
102	First evidence of hydrous silicic fluid films around solid inclusions in gem-quality diamonds. Lithos, 2016, 260, 384-389.	1.4	61
103	High-quality structures at high pressure? Insights from inclusions in diamonds. Zeitschrift Fur Kristallographie - Crystalline Materials, 2016, 231, 467-473.	0.8	7
104	Synchrotron MÃ¶ssbauer Source technique for in situ measurement of iron-bearing inclusions in natural diamonds. Lithos, 2016, 265, 328-333.	1.4	17
105	Diamond and its olivine inclusions: A strange relation revealed by ab initio simulations. Earth and Planetary Science Letters, 2016, 435, 31-35.	4.4	20
106	Multi-methodological characterisation of calcium phosphate in late-Antique glass mosaic tesserae. Microchemical Journal, 2016, 124, 811-818.	4.5	31
107	Diamonds and water in the deep Earth: a new scenario. International Geology Review, 2016, 58, 263-276.	2.1	40
108	5. Ringwoodite: its importance in Earth Sciences. , 2015, , 127-148.		3

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109	Crystal structure mechanism of the hydrostatic compression in Mg-rich orthopyroxene. Acta Crystallographica Section A: Foundations and Advances, 2015, 71, s370-s370.	0.1	0
110	OrientXplotâ€“ a program to analyse and display relative crystal orientations. Acta Crystallographica Section A: Foundations and Advances, 2015, 71, s82-s82.	0.1	0
111	Development of an ultra-miniaturised XRD/XRF instrument for the in situ mineralogical and chemical analysis of planetary soils and rocks: implication for archaeometry. Rendiconti Lincei, 2015, 26, 529-537.	2.2	4
112	Firstâ€principle modelling of forsterite surface properties: Accuracy of methods and basis sets. Journal of Computational Chemistry, 2015, 36, 1439-1445.	3.3	14
113	Melting and cataclastic features in shatter cones in basalt from the Vista Alegre impact structure, Brazil. Meteoritics and Planetary Science, 2015, 50, 1228-1243.	1.6	11
114	How large are departures from lithostatic pressure? Constraints from hostâ€“inclusion elasticity. Journal of Metamorphic Geology, 2015, 33, 801-813.	3.4	84
115	First evidence of P21/n to P21/c structural transformation in pyroxene-type LiAlGe2O6 under high-pressure conditions. Journal of Solid State Chemistry, 2015, 228, 250-257.	2.9	4
116	Eckerite, Ag2CuAsS3, a new Cu-bearing sulfosalt from Lengenbach quarry, Binn valley, Switzerland: description and crystal structure. Mineralogical Magazine, 2015, 79, 687-694.	1.4	7
117	A new micro-furnace forin situhigh-temperature single-crystal X-ray diffraction measurements. Journal of Applied Crystallography, 2015, 48, 1192-1200.	4.5	3
118	Garnet inclusions in diamond: the role of elastic properties. Acta Crystallographica Section A: Foundations and Advances, 2015, 71, s346-s346.	0.1	0
119	Interaction of the Trinuclear Triangular Secondary Building Unit [Cu₃(Î¼₃-OH)(Î¼-pz)₃]²⁺ with 4,4â€²-Bipyridine. Structural Characterizations of New Coordination Polymers and Hexanuclear Cu^{II} Clusters. 2Â°. Crystal Growth and Design, 2015, 15, 1259-1272.	3.0	20
120	Dynamics of mineral crystallization from precipitated slab-derived fluid phase: first in situ synchrotron X-ray measurements. Contributions To Mineralogy and Petrology, 2015, 169, 1.	3.1	13
121	Volume thermal expansion along the jadeiteâ€“diopside join. Physics and Chemistry of Minerals, 2015, 42, 1-14.	0.8	25
122	The crucial role of crystallography in diamond research. Rendiconti Lincei, 2015, 26, 225-233.	2.2	9
123	Computational Approach to the Study of Epitaxy: Natural Occurrence in Diamond/Forsterite and Aragonite/Zabuyelite. Crystal Growth and Design, 2015, 15, 2979-2987.	3.0	12
124	H2O in olivine and garnet inclusions still trapped in diamonds from the Siberian craton: Implications for the water content of cratonic lithosphere peridotites. Lithos, 2015, 230, 180-183.	1.4	39
125	Thermal expansion behaviour of orthopyroxenes: the role of the Fe-Mn substitution. Mineralogical Magazine, 2015, 79, 71-87.	1.4	7
126	As-bearing new mineral species from Valletta mine, Maira Valley, Piedmont, Italy: II. Braccoite, NaMn2+5 [Si5AsO17(OH)](OH), description and crystal structure. Mineralogical Magazine, 2015, 79, 171-189.	1.4	8

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127	Equation of state of hercynite, FeAl₂O₄, and high-pressure systematics of Mg-Fe-Cr-Al spinels. Mineralogical Magazine, 2015, 79, 285-294.	1.4	15
128	Diamondâ€“garnet geobarometry: The role of garnet compressibility and expansivity. Lithos, 2015, 227, 140-147.	1.4	67
129	Shilovite, natural copper(II) tetrammine nitrate, a new mineral species. Mineralogical Magazine, 2015, 79, 613-623.	1.4	19
130	<i>OrientXplot</i>: a program to analyse and display relative crystal orientations. Journal of Applied Crystallography, 2015, 48, 1330-1334.	4.5	20
131	Diamond thermoelastic properties and implications for determining the pressure of formation of diamondâ€“inclusion systems. Russian Geology and Geophysics, 2015, 56, 211-220.	0.7	54
132	Synthesis and Structural Characterizations of New Coordination Polymers Generated by the Interaction Between the Trinuclear Triangular SBU [Cu₃(Î¼₃-OH)(Î¼-pz)₃]²⁺ and 4,4â€²-Bipyridine. 3Â°. Crystal Growth and Design, 2015, 15, 4854-4862.	3.0	21
133	Ralphcannonite, AgZn2TlAs2S6, a new mineral of the routhierite isotypic series from Lengenbach, Binn Valley, Switzerland. Mineralogical Magazine, 2015, 79, 1089-1098.	1.4	12
134	Reaction of Copper(II) Chloroacetate with Pyrazole. Synthesis of a One-Dimensional Coordination Polymer and Unexpected Dehydrochlorination Reaction. Crystal Growth and Design, 2015, 15, 5910-5918.	3.0	18
135	Karpenkoite, Co3(V2O7)(OH)2Â·2H2O, a cobalt analogue of martyite from the Little Eva mine, Grand County, Utah, USA. Journal of Geosciences (Czech Republic), 2015, , 251-257.	0.6	6
136	A new micro-furnace for 'in situ' high-temperature single-crystal X-ray diffraction measurements. Acta Crystallographica Section A: Foundations and Advances, 2015, 71, s348-s348.	0.1	0
137	Olivine with diamond-imposed morphology included in diamonds. Syngenesis or protogenesis?. International Geology Review, 2014, 56, 1658-1667.	2.1	59
138	In-situ high-temperature emissivity spectra and thermal expansion of C2/c pyroxenes: Implications for the surface of Mercury. American Mineralogist, 2014, 99, 786-792.	1.9	16
139	Phase transitions during compression of thaumasite, Ca₃Si(OH)₆(CO₃)(SO₄)Â·12H₂O: A high-pressure synchrotron powder X-ray diffraction study. Mineralogical Magazine, 2014, 78, 1193-1208.	1.4	7
140	Time-of-flight neutron powder diffraction with milligram samples: the crystal structures of NaCoF₃and NaNiF₃post-perovskites. Journal of Applied Crystallography, 2014, 47, 1939-1947.	4.5	6
141	Tl-bearing sulfosalt from the Lengenbach quarry, Binn Valley, Switzerland: Philrothite, TlAs3S5. Mineralogical Magazine, 2014, 78, 1-9.	1.4	19
142	Microanalyses link sulfur from large igneous provinces and Mesozoic mass extinctions. Geology, 2014, 42, 895-898.	4.4	63
143	Mapiquiroite, (Sr,Pb)(U,Y)Fe2 (Ti,Fe3+)18O38, a new member of the crichtonite group from the Apuan Alps, Tuscany, Italy. European Journal of Mineralogy, 2014, 26, 427-437.	1.3	13
144	Hydrous mantle transition zone indicated by ringwoodite included within diamond. Nature, 2014, 507, 221-224.	27.8	613

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145	Ghiaraite: A new mineral from Vesuvius volcano, Naples (Italy). American Mineralogist, 2014, 99, 519-524.	1.9	4
146	Synthesis and reactivity of Ln- and LnNa-macrocyclic compartmental Schiff base and polyamino complexes. Inorganica Chimica Acta, 2014, 416, 226-234.	2.4	2
147	Analysis of the Configurations of a Crystal Surface. Pyrope (Mg₃Al₂Si₃O₁₂) as a Case Study. Crystal Growth and Design, 2014, 14, 2357-2365.	3.0	7
148	Multi-methodological investigation of kunzite, hiddenite, alexandrite, elbaite and topaz, based on laser-induced breakdown spectroscopy and conventional analytical techniques for supporting mineralogical characterization. Physics and Chemistry of Minerals, 2014, 41, 127-140.	0.8	34
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