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Internally-Consistent Thermodynamic Data for Minerals in the System Na₂O-K₂O-CaO-MgO-FeO-Fe₂O₃-Al₂

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1769	Grossular activity-composition relationships in ternary garnets determined by reversed displaced-equilibrium experiments. <i>Contributions To Mineralogy and Petrology</i> , 1989 , 103, 423-433	3.5	65
1768	Importance of considerations of mixing properties in establishing an internally consistent thermodynamic database: thermochemistry of minerals in the system Mg ₂ SiO ₄ -Fe ₂ SiO ₄ -SiO ₂ . <i>Contributions To Mineralogy and Petrology</i> , 1989 , 102, 41-68	3.5	164
1767	A petrogenetic grid for pelitic schists in the system SiO ₂ -Al ₂ O ₃ -FeO-MgO-K ₂ O-H ₂ O. <i>Contributions To Mineralogy and Petrology</i> , 1989 , 101, 149-164	3.5	421
1766	Experimental investigations of low-Ca pyroxene stability and olivine-pyroxene-liquid equilibria at 1-atm in natural basaltic and andesitic liquids. <i>Contributions To Mineralogy and Petrology</i> , 1989 , 103, 287-305	3.5	139
1765	Controls on the first appearance of jadeitic pyroxene, northern Diablo Range, California. 1989 , 7, 629-639		22
1764	The current status of thermobarometry in metamorphic rocks. 1989 , 43, 1-44		73
1763	Summary of the proceedings of the eighteenth calphad meeting. 1989 , 13, 313-344		2
1762	Petrologic Determination of Metamorphic Pressure-Temperature-Time Paths. 1989 , 1-55		41
1761	Electrochemical measurement of the free energy of almandine (Fe ₃ Al ₂ Si ₃ O ₁₂) garnet. 1989 , 53, 2277-2282		11
1760	GEOLOGICAL PHASE DIAGRAM SOFTWARE. 1990 , 2, 401-410		2
1759	An enlarged and updated internally consistent thermodynamic dataset with uncertainties and correlations: the system K ₂ O-Na ₂ O-CaO-MgO-MnO-FeO-Fe ₂ O ₃ -Al ₂ O ₃ -TiO ₂ -SiO ₂ -B ₂ O ₃ -H ₂ O. 1990 , 8, 89-124		911
1758	Metamorphism of an Early Palaeozoic continental margin, western Baie Verte Peninsula, Newfoundland. 1990 , 8, 269-288		29
1757	Compositional characteristics and phase equilibria in manganiferous iron formations from a high-grade terrain near Satnuru, Karnataka, India. 1990 , 8, 525-538		9
1756	A model for garnet and plagioclase growth in pelitic schists: implications for thermobarometry and P-T path determinations. 1990 , 8, 683-696		173
1755	Phase relations of epidote-blueschists. 1990 , 25, 3-23		394
1754	Geothermobarometry in albite-garnet orthogneisses: A case study from the Gran Paradiso nappe (Western Alps). 1990 , 25, 261-280		34
1753	Whiteschists and orthoamphibole-cordierite rocks and the P-T-t path of the Modum Complex, south Norway. 1990 , 24, 181-199		31

1752	Geochemical constraints on the origin of organic compounds in hydrothermal systems. 1990 , 20, 331-367		233
1751	Thermodynamic properties of hematite – ilmenite – geikielite solid solutions. <i>Contributions To Mineralogy and Petrology</i> , 1990 , 104, 645-667	3.5	72
1750	Fluid controlled eclogitization of granulites in deep crustal shear zones, Bergen arcs, Western Norway. <i>Contributions To Mineralogy and Petrology</i> , 1990 , 104, 184-193	3.5	171
1749	A calculated petrogenetic grid for ultramafic rocks in the system CaO-FeO-MgO-Al ₂ O ₃ -SiO ₂ -CO ₂ -H ₂ O at low pressures. <i>Contributions To Mineralogy and Petrology</i> , 1990 , 105, 347-358	3.5	37
1748	Constraints on phase diagram topology for the system CaO-MgO-SiO ₂ -CO ₂ -H ₂ O. <i>Contributions To Mineralogy and Petrology</i> , 1990 , 104, 1-7	3.5	35
1747	GeO ₂ vs SiO ₂ : Glass transitions and thermodynamic properties of polymorphs. 1990 , 17, 79-88		52
1746	Muscovite Dissolution at 25°C: Implications for Illite/Smectite-Kaolinite Stability Relations. 1990 , 38, 445-447		5
1745	CHAPTER 1. PRINCIPLES OF THERMODYNAMIC MODELING OF IGNEOUS PROCESSES. 1990 , 1-24		1
1744	CHAPTER 2. THERMODYNAMIC PROPERTIES OF SILICATE LIQUIDS WITH EMPHASIS ON DENSITY, THERMAL EXPANSION AND COMPRESSIBILITY. 1990 , 25-64		73
1743	CHAPTER 7. THE EFFECT OF OXYGEN FUGACITY ON THE REDOX STATE OF NATURAL LIQUIDS AND THEIR CRYSTALLIZING PHASES. 1990 , 191-212		20
1742	Granulites of Satnuru and Madras: A Study in Different Behaviour of Fluids. 1990 , 367-384		6
1741	Fluids and melting in the Archaean deep crust of southern India. 1990 , 149-179		6
1740	Calcium exchange between olivine and clinopyroxene calibrated as a geothermobarometer for natural peridotites from 2 to 60 kb with applications. 1990 , 54, 2375-2388		383
1739	Transfer of mantle fluids to the lower continental crust: Constraints from mantle mineralogy and Moho temperature. <i>Chemical Geology</i> , 1990 , 83, 249-261	4.2	9
1738	Fluid processes in subduction zones. 1990 , 248, 329-37		755
1737	High-temperature raman spectroscopy of SiO ₂ and GeO ₂ Polymorphs: Anharmonicity and thermodynamic properties at high-temperatures. 1990 , 95, 21635		101
1736	Partitioning of F-Cl-OH between minerals and hydrothermal fluids. 1991 , 55, 1837-1858		237
1735	Fluid flow, mineral reactions, and metasomatism. 1991 , 19, 211		130

1734	Zeolite equilibria in the system $\text{CaAl}_2\text{Si}_2\text{O}_8 - \text{NaAlSi}_3\text{O}_8 - \text{SiO}_2 - \text{H}_2\text{O}$. 1991 , 34, 293-301	27
1733	High-temperature heat capacity and premelting of minerals in the system $\text{MgO-CaO-Al}_2\text{O}_3\text{-SiO}_2$. 1991 , 96, 445	127
1732	Metamorphic pressure-temperature conditions of Indian Plate rocks south of the main mantle thrust, lower swat, Pakistan. 1991 , 10, 742-757	35
1731	Brittle frictional mountain building 3. Low-grade metamorphism. 1991 , 96, 10319	44
1730	Alpine Corsica Metamorphic Core Complex. 1991 , 10, 1173-1186	95
1729	Phase equilibria constraints on the chemistry of hot spring fluids at mid-ocean ridges. 1991 , 55, 3559-3580	128
1728	Thermodynamic assessment of hydrothermal alkali feldspar-mica-aluminosilicate equilibria. 1991 , 55, 989-1004	165
1727	Melting and thermodynamic properties of pyrope ($\text{Mg}_3\text{Al}_2\text{Si}_3\text{O}_{12}$). 1991 , 55, 1005-1010	40
1726	Cadomian subduction/collision and Variscan transpression in the Badajoz-C�rdoba shear belt, southwest Spain. 1991 , 199, 51-72	81
1725	Metastability in Near-Surface Rocks of Minerals in The System $\text{Al}_2\text{O}_3\text{-SiO}_2\text{-H}_2\text{O}$. 1991 , 39, 225-233	26
1724	Chapter 7 .MACROSCOPIC AND MICROSCOPIC THERMODYNAMIC PROPERTIES OF OXIDES. 1991 , 265-302	3
1723	Chapter 4. PHASE EQUILIBRIA AND THERMOBAROMETRY OF METAPELITES. 1991 , 105-206	60
1722	Metamorphic Geology. 1991 , 29, 486-499	4
1721	Chapter 5. PHASE EQUILIBRIA AND THERMOBAROMETRY OF CALCAREOUS, ULTRAMAFIC AND MAFIC ROCKS, AND IRON FORMATIONS. 1991 , 207-290	33
1720	Chapter 8. DEHYDRATION AND DECARBONATION REACTIONS AS A RECORD OF FLUID INFILTRATION. 1991 , 351-394	22
1719	Geothermometry and geobarometry of high-grade rocks: a case study on garnet-pyroxene granulites in southern Sri Lanka. 1991 , 55, 33-56	75
1718	In Situ Densities of Morb Melts and Residual Mantle: Implications for Buoyancy Forces beneath Mid-Ocean Ridges. 1991 , 99, 767-775	60
1717	Mineral-fluid-melt interactions in high-pressure shear zones in the Bergen Arcs nappe complex, Caledonides of W. Norway: Implications for the fluid regime in Caledonian eclogite-facies metamorphism. 1991 , 27, 187-204	37

1716	Garnet breakdown in some deep seated garnetiferous xenoliths from the central Sierra Nevada: Petrologic and tectonic implications. 1991 , 27, 59-78		16
1715	An empirical sapphirine-spinel Mg?Fe exchange thermometer and its application to high grade xenoliths in the Popes Harbour dyke, Nova Scotia, Canada. 1991 , 26, 317-332		59
1714	A decompressional P-T path, Reinbolt Hills, East Antarctica. 1991 , 9, 257-266		29
1713	A new petrogenetic grid for low-grade metabasites. 1991 , 9, 497-509		201
1712	A view of texture dynamics. 1991 , 3, 123-136		16
1711	Tectono-thermal evolution of a part of a Variscan magmatic arc: The Odenwald in the Mid-German Crystalline Rise. 1991 , 80, 369-389		30
1710	The Reaction Titanite+Kyanite=Anorthite+Rutile and Titanite-Rutile Barometry in Eclogites. <i>Contributions To Mineralogy and Petrology</i> , 1991 , 109, 1-9	3.5	75
1709	Evidence from mineral assemblages for infiltration of pelitic schists by aqueous fluids during metamorphism. <i>Contributions To Mineralogy and Petrology</i> , 1991 , 108, 419-438	3.5	38
1708	Fe-Ti oxide geothermometry: thermodynamic formulation and the estimation of intensive variables in silicic magmas. <i>Contributions To Mineralogy and Petrology</i> , 1991 , 108, 485-510	3.5	275
1707	The redox states of basic and silicic magmas: a reflection of their source regions?. <i>Contributions To Mineralogy and Petrology</i> , 1991 , 106, 129-141	3.5	469
1706	Isograds in internally buffered systems without solid solutions: principles and examples. <i>Contributions To Mineralogy and Petrology</i> , 1991 , 106, 170-182	3.5	12
1705	A field and theoretical analysis of garnet+chlorite+chloritoid+biotite assemblages from the tri-state (MA, CT, NY) area, USA. <i>Contributions To Mineralogy and Petrology</i> , 1991 , 106, 217-235	3.5	31
1704	A Compensated-Redlich-Kwong (CORK) equation for volumes and fugacities of CO ₂ and H ₂ O in the range 1 bar to 50 kbar and 100-600°C. <i>Contributions To Mineralogy and Petrology</i> , 1991 , 109, 265-273	3.5	246
1703	Equilibria within the mineral assemblage quartz + muscovite + biotite + garnet + plagioclase, and implications for the mixing properties of octahedrally-coordinated cations in muscovite and biotite. <i>Contributions To Mineralogy and Petrology</i> , 1991 , 108, 43-54	3.5	70
1702	Cookeite LiAl ₄ (Si ₃ Al)O ₁₀ (OH) ₈ : Experimental study and thermodynamical analysis of its compatibility relations in the Li ₂ O-Al ₂ O ₃ -SiO ₂ -H ₂ O system. <i>Contributions To Mineralogy and Petrology</i> , 1991 , 108, 72-81	3.5	28
1701	The compressibility of silicate liquids containing Fe ₂ O ₃ and the effect of composition, temperature, oxygen fugacity and pressure on their redox states. <i>Contributions To Mineralogy and Petrology</i> , 1991 , 108, 82-92	3.5	736
1700	Petrogenetic grids for metacarbonate rocks: pressure-temperature phase-diagram projection for mixed-volatile systems. <i>Contributions To Mineralogy and Petrology</i> , 1991 , 108, 93-105	3.5	73
1699	Experimental determination of activities in Fe-Mg olivine at 1400 K. <i>Contributions To Mineralogy and Petrology</i> , 1991 , 108, 146-153	3.5	66

1698	Effects of diffusional modification of garnet growth zoning on P-T path calculations. <i>Contributions To Mineralogy and Petrology</i> , 1991 , 107, 487-500	3.5	158
1697	Glaucofane chloritoid-bearing assemblages from NE Oman: petrologic significance and a petrogenetic grid for high P metapelites. <i>Contributions To Mineralogy and Petrology</i> , 1991 , 107, 180-201	3.5	61
1696	High pressure experimental calibration of the olivine-orthopyroxene-spinel oxygen geobarometer: implications for the oxidation state of the upper mantle. <i>Contributions To Mineralogy and Petrology</i> , 1991 , 107, 27-40	3.5	672
1695	An internally consistent model for the thermodynamic properties of Fe-Mg-titanomagnetite-aluminate spinels. <i>Contributions To Mineralogy and Petrology</i> , 1991 , 106, 474-503	3.5	169
1694	A model for coupled fluid-flow and mixed-volatile mineral reactions with applications to regional metamorphism. <i>Contributions To Mineralogy and Petrology</i> , 1991 , 106, 273-285	3.5	114
1693	Numerical simulation of subduction zone pressure-temperature-time paths: constraints on fluid production and arc magmatism. 1991 , 335, 341-353		89
1692	Low-pressure, high-temperature metamorphism in a compressional tectonic setting: Mary Kathleen Fold Belt, northeastern Australia. 1992 , 129, 41-57		34
1691	Thermodynamic Data. 1992 ,		2
1690	Stability of Andalusite and Sillimanite and the Al ₂ SiO ₅ Triple Point: Constraints from the Ballachulish Aureole, Scotland. 1992 , 100, 423-446		257
1689	Two High-Pressure Metamorphic Events in NE Oman: Evidence from ⁴⁰ Ar/ ³⁹ Ar Dating and Petrological Data. 1992 , 100, 731-751		48
1688	Comparative Oxygen Barometry in Granulites, Bamble Sector, SE Norway. 1992 , 100, 447-464		32
1687	Dealing with Uncertainty in the Chemical Environment in Bentonite Backfill. 1992 , 294, 389		
1686	Thermobarometry in granulites: pitfalls and new approaches. 1992 , 55, 209-241		168
1685	F-Cl-OH partitioning between biotite and apatite. 1992 , 56, 3435-3467		192
1684	Generalized thermobarometry: Solution of the inverse chemical equilibrium problem using data for individual species. 1992 , 56, 1793-1800		36
1683	Tectonic setting of Cadomian low-pressure metamorphism in the central Ossa-Morena zone (Iberian massif, SW Spain). 1992 , 56, 113-137		27
1682	Enthalpy change of the reaction enstatite + corundum = pyrope and the enthalpy of formation of pyrope. 1992 , 56, 3971-3977		7
1681	High salinity fluids: The result of retrograde metamorphism in thrust zones. 1992 , 56, 81-95		43

1680	The origin of rodingites from Cassiar, British Columbia, and their use to estimate T and P(H ₂ O) during serpentinization. 1992 , 56, 97-108		59
1679	Determination of Fe-Cl complexing in the low pressure supercritical region (NaCl fluid): Iron solubility constraints on pH of seafloor hydrothermal fluids. 1992 , 56, 3681-3692		118
1678	Fluid flow and stable isotopic alteration in rocks at elevated temperatures with applications to metamorphism. 1992 , 56, 3539-3550		84
1677	Thermodynamic Properties of Minerals: Macroscopic and Microscopic Approaches. 1992 , 98-131		9
1676	Assessed data on heat capacity, thermal expansion, and compressibility for some oxides and silicates. 1992 , 97, 19813		55
1675	Calculation of Elastic Properties from Thermodynamic Equation of State Principles. 1992 , 20, 527-552		71
1674	Prograde and retrograde thermal histories from the central Swiss Alps. 1992 , 114, 113-129		115
1673	The Mud Tank carbonatite complex, central Australia – an example of metasomatism at mid-crustal levels. <i>Contributions To Mineralogy and Petrology</i> , 1992 , 109, 326-339	3.5	25
1672	Phase equilibria and oxygen isotopes in the evolution of metapelitic migmatites: a case study from the Pre-Alpine basement of Northern Switzerland. <i>Contributions To Mineralogy and Petrology</i> , 1992 , 109, 494-510	3.5	9
1671	Metasomatism and fluid flow in ductile fault zones. <i>Contributions To Mineralogy and Petrology</i> , 1992 , 112, 149-164	3.5	145
1670	Highly reducing conditions during Alpine metamorphism of the Malenco peridotite (Sondrio, northern Italy) indicated by mineral paragenesis and H ₂ in fluid inclusions. <i>Contributions To Mineralogy and Petrology</i> , 1992 , 112, 329-340	3.5	65
1669	Ultra-high temperatures from oxygen isotope thermometry of a coesite-sanidine grosspyrite. <i>Contributions To Mineralogy and Petrology</i> , 1992 , 112, 358-370	3.5	33
1668	Modeling of the transport and deposition of tungsten in the scheelite-bearing calc-silicate gneisses of the Montagne Noire, France. <i>Contributions To Mineralogy and Petrology</i> , 1992 , 112, 371-384	3.5	48
1667	Geobarometers involving clinopyroxene, garnet, plagioclase, ilmenite, rutile, sphene and quartz: estimation of pressure in quartz-absent assemblages. <i>Contributions To Mineralogy and Petrology</i> , 1992 , 110, 346-354	3.5	7
1666	Internally consistent gahnitic spinel-cordierite-garnet equilibria in the FMASHZn system: geothermobarometry and applications. <i>Contributions To Mineralogy and Petrology</i> , 1992 , 111, 362-377	3.5	173
1665	Relations among net-transfer reaction progress, ¹⁸ O- ¹³ C depletion, and fluid infiltration in a clinohumite-bearing marble. <i>Contributions To Mineralogy and Petrology</i> , 1992 , 111, 391-408	3.5	9
1664	A comment on "Calcic amphibole equilibria and a new amphibole-plagioclase geothermometer" by J.D. Blundy and T.J.B. Holland (<i>Contrib Mineral Petrol</i> (1990) 104: 208-224). <i>Contributions To Mineralogy and Petrology</i> , 1992 , 111, 273-278	3.5	19
1663	A linear free energy relationship for crystalline solids and aqueous ions. 1992 , 356, 231-234		88

1662	Linear free energy relations for predicting dissolution rates of solids. 1992 , 358, 310-313		46
1661	Thermobarometry and granite genesis: the Hercynian low-P, high-T Velay anatectic dome (French Massif Central). 1992 , 10, 1-15		81
1660	The Alpine geodynamic evolution of Penninic nappes in the eastern Central Alps. 1992 , 10, 33-53		38
1659	The effect of whole-rock MnO content on the stability of garnet in pelitic schists during metamorphism. 1992 , 10, 221-237		100
1658	P-T paths in the Handö area, central Scandinavia: record of Caledonian accretion of outboard rocks to the Baltoscandian margin. 1992 , 10, 265-281		17
1657	Metamorphic evolution of exhumed middle to lower crustal rocks in the Mojave Extensional Belt, southern California, USA. 1992 , 10, 347-364		28
1656	Experimental study of the stability of sudoite and magnesiocarpholite and calculation of a new petrogenetic grid for the system $\text{FeO-MgO-Al}_2\text{O}_3\text{-SiO}_2\text{-H}_2\text{O}$. 1992 , 10, 603-614		98
1655	Graphical analysis of enthalpy-composition relationships in mixed magmas. 1992 , 51, 23-40		11
1654	Calculated relationships between activity of alumina and phase assemblages of silica-saturated igneous rocks. 1992 , 52, 43-63		21
1653	An experimental study of Fe-Mg partitioning between olivine and orthopyroxene at 1173, 1273 and 1423 K and 1.6 GPa. <i>Contributions To Mineralogy and Petrology</i> , 1993 , 113, 196-207	3-5	96
1652	Modeling of prograde mineral H ₂ O changes in metamorphic systems. <i>Contributions To Mineralogy and Petrology</i> , 1993 , 113, 249-261	3-5	31
1651	Thermochemistry of carbonate-pyroxene equilibria. <i>Contributions To Mineralogy and Petrology</i> , 1993 , 114, 139-147	3-5	27
1650	Stable isotope geochemistry and phase equilibria of coesite-bearing whiteschists, Dora Maira Massif, western Alps. <i>Contributions To Mineralogy and Petrology</i> , 1993 , 114, 1-12	3-5	104
1649	Limited fluid-rock interaction at marble-gneiss contacts during Cretaceous granulite-facies metamorphism, Seward Peninsula, Alaska. <i>Contributions To Mineralogy and Petrology</i> , 1993 , 114, 27-41	3-5	24
1648	A detailed isotopic and petrological study of a single garnet from the Gassetts Schist, Vermont. <i>Contributions To Mineralogy and Petrology</i> , 1993 , 114, 101-118	3-5	107
1647	Uncertainties in differential thermodynamic (Gibbs' method) P-T paths. <i>Contributions To Mineralogy and Petrology</i> , 1993 , 113, 24-39	3-5	28
1646	Igneous layering through oscillatory nucleation and crystal settling in well-mixed magmas. <i>Contributions To Mineralogy and Petrology</i> , 1993 , 114, 425-440	3-5	28
1645	The partitioning of Fe and Mg between olivine and carbonate and the stability of carbonate under mantle conditions. <i>Contributions To Mineralogy and Petrology</i> , 1993 , 114, 501-509	3-5	49

1644	Experimental investigation and application of the equilibrium rutile + orthopyroxene = quartz + ilmenite. <i>Contributions To Mineralogy and Petrology</i> , 1993 , 115, 18-35	3.5	8
1643	Fluid infiltration and regional metamorphism of the Waits River Formation, north-east Vermont, USA. 1993 , 11, 3-29		35
1642	Fluid infiltration during contact metamorphism of interbedded marble and calc-silicate hornfels, Twin Lakes area, central Sierra Nevada, California. 1993 , 11, 71-88		24
1641	Thermobarometry in a subgreenschist to greenschist transition in metabasites of the Abitibi greenstone belt, Superior Province, Canada. 1993 , 11, 165-178		32
1640	Pressure-temperature evolution of lawsonite-bearing eclogites, Pinchi Lake, British Columbia. 1993 , 11, 279-290		38
1639	Calculated fluid evolution path versus fluid inclusion data in the COHN system as exemplified by metamorphic rocks from Rogaland, south-west Norway. 1993 , 11, 357-370		13
1638	Mg-carnopholites from aluminous schists in the Diahot region and implications for preservation of high-pressure/low-temperature schists, northern New Caledonia. 1993 , 11, 455-460		23
1637	Ultra-high-pressure metamorphism of carbonate rocks in the Dabie Mountains, central China. 1993 , 11, 575-588		63
1636	The metamorphic signature of contemporaneous extension and shortening in the central Himalayan orogen: data from the Nyalam transect, southern Tibet. 1993 , 11, 721-737		103
1635	Palaeopressures of South Indian two-pyroxene garnet granulites from thermochemically calibrated CMAS barometers. 1993 , 11, 845-854		10
1634	Syn-metamorphic element transfer across lithological boundaries in the Port-aux-Basques gneiss complex, Newfoundland. 1993 , 29, 217-233		7
1633	Tectonic juxtaposition of blueschists and greenschists in Sifnos Island (Aegean Sea) - implications for the structure of the Cycladic blueschist belt. <i>Journal of Structural Geology</i> , 1993 , 15, 1459-1469	3	46
1632	Refinement of geothermobarometry for cordierite granulites. <i>Journal of Earth System Science</i> , 1993 , 102, 537-545	1.8	2
1631	The hydrothermal fluid of Archæn lode-gold deposits at different metamorphic grades: compositional constraints from ore and wallrock alteration assemblages. 1993 , 28, 469-481		121
1630	Eclogitized gabbros from the eastern Grenville Province: textures, metamorphic context, and implications. 1993 , 30, 159-173		55
1629	Dissolution of primary basaltic minerals in natural waters: saturation state and kinetics. <i>Chemical Geology</i> , 1993 , 105, 117-135	4.2	100
1628	Transport and deposition of REE in H ₂ S-rich fluids: evidence from accessory mineral assemblages. <i>Chemical Geology</i> , 1993 , 110, 251-268	4.2	31
1627	Titanium substitution in biotite: an empirical model with applications to thermometry, O ₂ and H ₂ O barometries, and consequences for biotite stability. <i>Chemical Geology</i> , 1993 , 108, 133-162	4.2	114

1626	The role of ultramafic rocks in regulating the concentrations of volatile and non-volatile components during deep crustal metamorphism. <i>Chemical Geology</i> , 1993 , 108, 187-200	4.2	18
1625	The compositions of primary carbonate melts and their evolution through wallrock reaction in the mantle. 1993 , 119, 511-525		263
1624	Radial cracks around quartz inclusions in almandine: Constraints on the metamorphic history of the Oman mountains. 1993 , 114, 449-461		63
1623	Contrasting zoning profiles in high-grade garnets: evidence for the allochthonous nature of a Grenville province terrane. 1993 , 120, 177-185		17
1622	Character and regional implications of the sheared Archaean granite-greenstone contact near Leonora, Western Australia. 1993 , 62, 343-365		44
1621	Simulations of the structure and thermodynamic properties of water at high pressures and temperatures. 1993 , 98, 519-536		91
1620	Refinement of enthalpy measurement of MgSiO ₃ perovskite and negative pressure-temperature slopes for Perovskite-forming reactions. 1993 , 20, 1839-1842		106
1619	Fast assimilation of xenoliths in magmas. 1993 , 98, 19741-19754		13
1618	Experimental meteoric water-basalt interactions: Characterization and interpretation of alteration products. 1993 , 57, 1459-1471		45
1617	pH buffering by metastable mineral-fluid equilibria and evolution of carbon dioxide fugacity during burial diagenesis. 1993 , 57, 1017-1027		87
1616	Heat capacity and phase equilibria of almandine, Fe ₃ Al ₂ Si ₃ O ₁₂ . 1993 , 57, 4191-4204		51
1615	Mineral equilibrium in fractionated nebular systems. 1993 , 57, 2377-2388		194
1614	Thermochemistry of tetrahedrite-tennantite fahlores. 1992 , 243-266		
1613	Thermodynamic data for minerals: a critical assessment. 1992 , 267-328		3
1612	Skarn development from limestone adjacent to the Glenrock Granodiorite, Marulan Batholith, New South Wales, Australia. 1993 , 40, 485-500		4
1611	New pH sensor for hydrothermal fluids. 1993 , 21, 983		2
1610	Linear independence of metamorphic reactions: Comment. 1993 , 29, 103-105		
1609	Depth-Dependent Transformation of Kaolinite to Dickite In Sandstones of the Norwegian Continental Shelf. 1993 , 28, 325-352		166

1608	Transitional granulite-eclogite facies metamorphism of basic supracrustal rocks in a shear zone complex in the Precambrian shield of south India. 1994 , 58, 97-118		18
1607	Mineral thermodynamics. 1994 , 273-331		
1606	Significance of early scapolite in greenschist-facies marbles from the Reynolds Range Group, central Australia. 1994 , 151, 803-812		10
1605	Redox Equilibria in Alkaline Lavas from Trindade Island, Brazil. 1994 , 36, 473-483		10
1604	Granulite-facies metamorphism in the Quetico Subprovince, north of Manitowadge, Ontario. 1994 , 31, 1427-1439		14
1603	Hercynite as the product of staurolite decomposition in the contact aureole of Vedrette di Ries, eastern Alps, Italy. <i>Contributions To Mineralogy and Petrology</i> , 1994 , 116, 239-246	3.5	22
1602	Thermodynamics of multicomponent pyroxenes: I. Formulation of a general model. <i>Contributions To Mineralogy and Petrology</i> , 1994 , 116, 277-286	3.5	62
1601	Thermodynamics of multicomponent pyroxenes: II. Phase relations in the quadrilateral. <i>Contributions To Mineralogy and Petrology</i> , 1994 , 116, 287-300	3.5	74
1600	Thermodynamic data from redox reactions at high temperatures. III. Activity-composition relations in Ni-Pd alloys from EMF measurements at 850±250 K, and calibration of the NiO+Ni-Pd assemblage as a redox sensor. <i>Contributions To Mineralogy and Petrology</i> , 1994 , 116, 327-339	3.5	54
1599	Peraluminous potassium-rich granitoids in the Semail Ophiolite. <i>Contributions To Mineralogy and Petrology</i> , 1994 , 118, 229-238	3.5	32
1598	Experimental study of chloritoid stability at high pressure and various fO ₂ conditions. <i>Contributions To Mineralogy and Petrology</i> , 1994 , 118, 256-270	3.5	34
1597	Thermodynamics of multicomponent pyroxenes: III. Calibration of Fe ²⁺ (Mg)-1, TiAl ₂ (MgSi ₂)-1, TiFe ₃₊₂ (MgSi ₂)-1, AlFe ₃₊ (MgSi)-1, NaAl(CaMg)-1, Al ₂ (MgSi)-1 and Ca(Mg)-1 exchange reactions between pyroxenes and silicate melts. <i>Contributions To Mineralogy and Petrology</i> , 1994 , 118, 271-296	3.5	49
1596	An equation of state for carbon dioxide valid from zero to extreme pressures. <i>Contributions To Mineralogy and Petrology</i> , 1994 , 117, 362-374	3.5	86
1595	Empirical evaluation of solution models for pelitic minerals and their application to thermobarometry. <i>Contributions To Mineralogy and Petrology</i> , 1994 , 117, 56-65	3.5	14
1594	The pressure and temperature stability limits of lawsonite: implications for H ₂ O recycling in subduction zones. <i>Contributions To Mineralogy and Petrology</i> , 1994 , 118, 99-108	3.5	111
1593	Pd-oxide equilibration: a new experimental method for the direct determination of oxide activities in melts and minerals. <i>Contributions To Mineralogy and Petrology</i> , 1994 , 116, 169-181	3.5	13
1592	Annite stability revised. 1. Hydrogen-sensor data for the reaction annite = sanidine + magnetite + H ₂ . <i>Contributions To Mineralogy and Petrology</i> , 1994 , 117, 229-240	3.5	21
1591	Cordierite-garnet-sillimanite-quartz equilibrium: I. New experimental calibration in the system FeO-Al ₂ O ₃ -SiO ₂ -H ₂ O and certain P-T-X H ₂ O relations. <i>Contributions To Mineralogy and Petrology</i> , 1994 , 116, 462-472	3.5	47

1590	Geobarometry of low-temperature eclogites: applications of isothermal pressure-activity calculations. <i>Contributions To Mineralogy and Petrology</i> , 1994 , 116, 500-507	3.5	11
1589	Tectonometamorphic evolution of the Neoproterozoic Delgo suture zone, Northern Sudan. 1994 , 83, 578		
1588	Thermobarometric and ⁴⁰ Ar/ ³⁹ Ar geochronologic constraints on Eohimalayan metamorphism in the Dinggya area, southern Tibet. <i>Contributions To Mineralogy and Petrology</i> , 1994 , 117, 151-163	3.5	74
1587	Modeling of mineralogical composition, density and elastic wave velocities in anhydrous magmatic rocks. 1994 , 15, 515-544		207
1586	Direct measurements of latent heat during crystallization and melting of a ugandite and an olivine basalt. <i>Contributions To Mineralogy and Petrology</i> , 1994 , 118, 169-181	3.5	43
1585	Tectonometamorphic evolution of the Neoproterozoic Delgo suture zone, Northern Sudan. 1994 , 83, 578-590		17
1584	An infrared spectroscopic (IR) and light element (Li, Be, Na) study of cordierites from the Bamble Sector, south Norway. 1994 , 32, 95-107		15
1583	Recrystallization of quartzofeldspathic rocks in a paleozoic thrust belt, Grand Lake, Newfoundland: Implications for garnet-biotite thermometry. 1994 , 33, 225-239		3
1582	An introduction to ultrahigh-pressure metamorphism. 1994 , 3, 1-24		66
1581	Petrology of lawsonite-, pumpellyite- and sodic amphibole-bearing metabasites from north-east Oman. 1994 , 12, 23-48		41
1580	Jadeitites, albitites and related rocks from the Motagua Fault Zone, Guatemala. 1994 , 12, 49-68		98
1579	A calculated petrogenetic grid for the system K ₂ O-FeO-MgO-Al ₂ O ₃ -SiO ₂ -H ₂ O, with particular reference to contact-metamorphosed pelites. 1994 , 12, 99-119		78
1578	Phase relations in andalusite-sillimanite type Fe-rich metapelites: Tono contact metamorphic aureole, northeast Japan. 1994 , 12, 153-168		19
1577	Tectonic setting, petrology and geochronology of jadeite + glaucophane and chloritoid + glaucophane schists from north-west Turkey. 1994 , 12, 455-466		97
1576	Fluid-mineral equilibria in prehnite-pumpellyite to greenschist facies metabasites near Flin Flon, Manitoba, Canada: implications for petrogenetic grids. 1994 , 12, 467-477		24
1575	Geothermobarometry of mafic granulites and metapelite from the Palghat Gap, South India: petrological evidence for isothermal uplift and rapid cooling. 1994 , 12, 479-492		44
1574	Deformation-induced reconstitution and local resetting of mineral equilibria in polymetamorphic gneisses: tectonic and metamorphic implications. 1994 , 12, 523-538		22
1573	Fluid flow and mass transport at the Valentine wollastonite deposit, Adirondack Mountains, New York State. 1994 , 12, 589-608		41

1572	Chemographic analysis of assemblages involving pyrophyllite, chloritoid, chlorite, kaolinite, kyanite, quartz: application to metapelites in the Witwatersrand goldfields, South Africa. 1994 , 12, 655-666	7
1571	Synkinematic contact metasomatism: implications for the timing of pluton emplacement and regional deformation in the Scanlon shear zone, south-eastern California. 1994 , 12, 709-721	3
1570	Reaction textures and fluid behaviour in very high pressure calc-silicate rocks of the Michberg gneiss complex, Bavaria, Germany. 1994 , 12, 735-745	20
1569	Metamorphic P-T paths from calcic pelitic schists from the Strafford Dome, Vermont, USA. 1994 , 12, 811-826	26
1568	Thermal parameters for quartz: a lattice-dynamical calculation. 1994 , 50, 544-549	7
1567	The solubility of quartz in H ₂ O in the lower crust and upper mantle. 1994 , 58, 4831-4839	396
1566	The generation of oxidized CO ₂ -bearing basaltic melts from reduced CH ₄ -bearing upper mantle sources. 1994 , 58, 4931-4940	92
1565	Activities of nickel, cobalt, and manganese silicates in magmatic liquids and applications to olivine/liquid and to silicate/metal partitioning. 1994 , 58, 4109-4126	69
1564	Experimental calibration of the phlogopite fluorimeter at 500±700 °C and 1±4 kbar, and estimated HF concentrations of fluids associated with marble: Some examples. 1994 , 58, 4305-4315	5
1563	The solubility of chlorite solid solutions in 3.2 wt% NaCl fluids from 300±400°C, 500 bars. 1994 , 58, 567-585	43
1562	Molecular dynamics of silica at high pressures: Equation of state, structure, and phase transitions. 1994 , 58, 1557-1566	20
1561	A thermodynamic assessment of silica phase diagram. 1994 , 99, 11787-11794	103
1560	Upward flow of magmatic fluids from the Old Woman granodiorite, Old Woman Mountains, southeastern California. 1994 , 99, 9469-9476	3
1559	Evolution of the eastern Waddington thrust belt and its relation to the mid-Cretaceous Coast Mountains arc, western British Columbia. 1994 , 13, 1052-1067	27
1558	Thermobarometry of garnet±linopyroxene±hornblende granulites from the Kapuskasing structural zone. 1994 , 31, 1134-1145	93
1557	The stability of lawsonite and zoisite at high pressures: Experiments in CASH to 92 kbar and implications for the presence of hydrous phases in subducted lithosphere. 1994 , 124, 105-118	119
1556	Carbonatite melt compositions in the Earth's mantle. 1994 , 128, 259-270	181
1555	Oxygen fugacity of the diamond + C?O fluid assemblage and CO ₂ fugacity at 8 GPa. 1994 , 128, 439-451	10

1554	Shock experiments on pre-heated hand quartz: II. X-ray and TEM investigations. 1994 , 128, 683-698		82
1553	Constitution of the Moon: 1. Assessment of thermodynamic properties and reliability of phase relation calculations in the FeO?MgO?Al ₂ O ₃ ?SiO ₂ system. 1994 , 83, 175-196		15
1552	The stability of hibonite, melilite and other aluminous phases in silicate melts: Implications for the origin of hibonite-bearing inclusions from carbonaceous chondrites. 1994 , 29, 41-65		74
1551	Equilibration temperatures of EL chondrites: A major downward revision in the ferrosilite contents of enstatite. 1994 , 29, 658-662		22
1550	Tetrahedral rigid-body motion in silicates. 1995 , 80, 680-690		9
1549	High-Pressure and -Temperature Subophiolitic Kyanite-Cornet Amphibolites Generated during Initiation of Mid-Tertiary Subduction, Palawan, Philippines. <i>Journal of Petrology</i> , 1995 ,	3-9	4
1548	The influence of excess alkalis on the viscosity of a haplogranitic melt. 1995 , 80, 297-304		91
1547	Proterozoic Transpressive Deformation in the Northern Marginal Zone, Limpopo Belt, Zimbabwe. 1995 , 103, 493-508		66
1546	Significance of ultrahigh-P talc-bearing eclogitic assemblages. 1995 , 59, 93-102		31
1545	Phase-Equilibrium Controls on SiO ₂ Metasomatism by Aqueous Fluid in Subduction Zones: Reaction at Constant Pressure and Temperature. 1995 , 37, 1074-1093		47
1544	Thermal parameters for minerals of the olivine group: their implication on vibrational spectra, thermodynamic functions and transferable force fields. 1995 , 51, 721-733		17
1543	Experimental and thermodynamic study of heterogeneous and homogeneous equilibria in the system NaAlSi ₃ O ₈ -SiO ₂ . <i>Contributions To Mineralogy and Petrology</i> , 1995 , 121, 61-73	3-5	12
1542	Bearthite, Ca ₂ Al(PO ₄) ₂ OH: stability, thermodynamic properties and phase relations. <i>Contributions To Mineralogy and Petrology</i> , 1995 , 121, 258-266	3-5	24
1541	Changes in stable isotope ratios of metapelites and marbles during regional metamorphism, Mount Lofty Ranges, South Australia: implications for crustal scale fluid flow. <i>Contributions To Mineralogy and Petrology</i> , 1995 , 120, 292-310	3-5	30
1540	Chemical mass transfer in magmatic processes IV. A revised and internally consistent thermodynamic model for the interpolation and extrapolation of liquid-solid equilibria in magmatic systems at elevated temperatures and pressures. <i>Contributions To Mineralogy and Petrology</i> , 1995 , 119, 197-212	3-5	2061
1539	Reassessment of the garnet-clinopyroxene Fe-Mg exchange thermometer: II. Thermodynamic analysis. <i>Contributions To Mineralogy and Petrology</i> , 1995 , 119, 30-42	3-5	118
1538	Mixing properties and stability of jadeite-acmite pyroxene in the presence of albite and quartz. <i>Contributions To Mineralogy and Petrology</i> , 1995 , 119, 433-440	3-5	25
1537	Ultrahigh-pressure metamorphism and decompressional P-T paths of eclogites and country rocks from Weihai, eastern China. 1995 , 4, 293-309		70

1536	Occurrences of hydrous and carbonate phases in ultrahigh-pressure rocks from east-central China: Implications for the role of volatiles deep in cold subduction zones. 1995 , 4, 362-375	42
1535	Low-grade blueschist facies metamorphism of metagreywackes, Franciscan Complex, northern California. 1995 , 13, 61-78	20
1534	Stepping stones and pitfalls in the determination of an anticlockwise P-T-t-deformation path: the low-P, high-T Cooma Complex, Australia. 1995 , 13, 165-183	54
1533	North-west propagation of the Grenville orogen: Grenvillian structure and metamorphism near Key Harbour, Georgian Bay, Ontario, Canada*. 1995 , 13, 185-207	36
1532	The role of mylonites in the uplift of an oblique lower crustal section, East Antarctica. 1995 , 13, 223-238	7
1531	A multi-stage pressure-temperature record in the Chilka Lake granulites: the epitome of the metamorphic evolution of Eastern Ghats, India?. 1995 , 13, 287-298	70
1530	Deep crustal growth of quartz, kyanite and garnet into large-aperture, fluid-filled fractures, north-eastern Connecticut, USA. 1995 , 13, 299-314	46
1529	Tectonometamorphic evolution of the Chuncheon amphibolite, central Gyeonggi massif, South Korea. 1995 , 13, 315-328	33
1528	Petrology of Fe-Mg-carpholite-bearing metasediments from NE Oman. 1995 , 13, 379-396	36
1527	Paragonite eclogites from Dabie Shan, China: re-equilibration during exhumation?. 1995 , 13, 449-460	51
1526	Large-scale fluid infiltration, metasomatism and re-equilibration of Archaean basement granulites during Palaeoproterozoic thrust belt construction, Ungava Orogen, Canada. 1995 , 13, 509-535	16
1525	An evaluation of the inverted metamorphic gradient at Langtang National Park, Central Nepal Himalaya. 1995 , 13, 595-612	70
1524	Conditions of contact metamorphism, Papoose Flat Pluton, eastern California, USA: implications for cooling and strain histories. 1995 , 13, 627-643	39
1523	Petrology of ultrahigh-pressure rocks from the southern Su-Lu region, eastern China. 1995 , 13, 659-675	244
1522	Evolution of fluid pressure and fracture propagation during contact metamorphism. 1995 , 13, 677-686	39
1521	Phase petrology and P-T conditions of mafic blueschists from the Meliata unit, West Carpathians, Slovakia. 1995 , 13, 701-714	40
1520	Medium-to high-pressure garnet-amphibolites from Gebel Zabara and Wadi Sikait, south Eastern Desert, Egypt. 1995 , 21, 443-457	17
1519	Estimation of thermochemical properties for ceramic oxides: a focus on PbZrO ₃ . 1995 , 256, 193-203	17

1518	An interactive spreadsheet for graphing mineral stability diagrams. 1995 , 21, 175-185		5
1517	On the thermodynamic data of kaolinite. 1995 , 80, 1048-1053		5
1516	Metamorphism and Melting of the Lithosphere Due to Rapid Denudation, Nanga Parbat Massif Himalaya. 1995 , 103, 395-409		28
1515	Palladium oxide equilibration and the thermodynamic properties of MgAl ₂ O ₄ spinel. 1995 , 80, 285-296		12
1514	Experimental and petrogenetic study of UHPM. 1995 , 33-95		59
1513	Thermodynamics and petrology of cummingtonite. 1995 , 80, 649-663		31
1512	Thermodynamic properties of stoichiometric staurolite H ₂ Fe ₄ Al ₁₈ O ₄₈ and H ₆ Fe ₂ Al ₁₈ Si ₈ O ₄₈ . 1995 , 80, 520-533		26
1511	Petrology of the regional sillimanite zone, west-central New Hampshire, U.S.A., with implications for the development of inverted isograds. 1995 , 80, 361-376		33
1510	Fluid Flow During Contact Metamorphism of Ophicarbonate Rocks in the Bergell Aureole, Val Malenco, Italian Alps. <i>Journal of Petrology</i> , 1995 , 36, 1039-1053	3.9	24
1509	Formation of Clay Minerals in Hydrothermal Environments. 1995 , 268-329		70
1508	Dehydration Melting of Metabasalt at 8-32 kbar: Implications for Continental Growth and Crust-Mantle Recycling. <i>Journal of Petrology</i> , 1995 , 36, 891-931	3.9	2369
1507	Relict granulites in the Ross orogen of northern Victoria Land (Antarctica), I. Field occurrence, petrography and metamorphic evolution. 1995 , 75, 141-156		8
1506	Equation of state for aqueous silica species at pressures from 1 bar to 20 kbar and temperatures from 25° to 900°C based on simulated values of the dielectric constant. <i>Chemical Geology</i> , 1995 , 121, 3-9	4.2	4
1505	Is the upper mantle metal-saturated?. 1995 , 132, 75-86		125
1504	Intergranular diffusion kinetics of Fe and Mg during retrograde metamorphism of a pelitic gneiss from the Adirondack Mountains. 1995 , 134, 329-340		47
1503	Experimental and theoretical studies of the stabilities of talc, antigorite and phase A at high pressures with applications to subduction processes. 1995 , 136, 109-121		92
1502	Ultradeep crustal metamorphism: A prospective view. 1995 , 100, 8367-8380		67
1501	Ultradeep metamorphic rocks: The retrospective viewpoint. 1995 , 100, 8353-8366		104

1500	Equation of state for lambda transition in quartz. 1995 , 100, 8489-8499	13
1499	Experimental generation of hybrid silicic melts by reaction of high-Al basalt with metamorphic rocks. 1995 , 100, 15623-15639	114
1498	Measurement of heat of fusion of model basalt in the system Diopside-forsterite-anorthite. 1995 , 22, 2329-2332	27
1497	Conditions and timing of metamorphism in the southern Abitibi greenstone belt, Quebec. 1995 , 32, 787-805	68
1496	Experimental study of muscovite stability in pure H ₂ O and 1 molal KCl-HCl solutions. 1995 , 59, 429-442	20
1495	Feldspar dissolution at 25°C and pH 3: Reaction stoichiometry and the effect of cations. 1995 , 59, 1483-1496	242
1494	Experimental determination of anorthite solubility and calcium speciation in supercritical chloride solutions at 2 kb from 400 to 600°C. 1995 , 59, 1539-1549	18
1493	Is there alkali-aluminum complexing at high temperatures and pressures?. 1995 , 59, 2155-2161	15
1492	Hydrothermal alteration and the chemistry of ore-forming fluids in an unconformity-type uranium deposit. 1995 , 59, 2709-2723	13
1491	Petrology of cordierite + gedrite-bearing sodic granulite from the Grenvillian Long Range Inlier, Newfoundland. 1995 , 32, 1035-1045	5
1490	Constraints on temperature–pressure conditions and fluid composition during metamorphism of the Sullivan orebody, Kimberley, British Columbia, from silicate–carbonate equilibria. 1995 , 32, 1937-1949	11
1489	H ₂ O transport and release in subduction zones: Experimental constraints on basaltic and andesitic systems. 1995 , 100, 22299-22314	267
1488	Thermodynamic properties of β -quartz, coesite, and stishovite and equilibrium phase relations at high pressures and high temperatures. 1995 , 100, 22337-22347	96
1487	Dehydration-melting of Biotite Gneiss and Quartz Amphibolite from 3 to 15 kbar. <i>Journal of Petrology</i> , 1995 , 36, 707-738	3.9 803
1486	The Triangle Shearzone, Zimbabwe, revisited: new data document an important event at 2.0 Ga in the Limpopo Belt. 1995 , 70, 191-213	104
1485	Talc-, Magnesite- and Ti-Clinohumite-Bearing Ultrahigh-Pressure Meta-Mafic and Ultramafic Complex in the Dabie Mountains, China. <i>Journal of Petrology</i> , 1995 , 36, 1011-1037	3.9 145
1484	Miocene detachment in Crete and exhumation P-T-t paths of high-pressure metamorphic rocks. 1996 , 15, 1129-1153	175
1483	Petrology and geochemistry of the Neoproterozoic Guaxupé granulite facies terrain, southeastern Brazil. 1996 , 77, 23-40	17

1482	Polyphase metamorphic fluid flow in the Lower Calcsilicate Unit, Reynolds Range, central Australia. 1996 , 77, 211-229		14
1481	Density measurements on melts at high pressure using the sink/float method: Limitations and possibilities. <i>Chemical Geology</i> , 1996 , 128, 229-243	4.2	19
1480	A review and analysis of silicate mineral dissolution experiments in natural silicate melts. <i>Chemical Geology</i> , 1996 , 130, 233-245	4.2	42
1479	An associated solution model for albite-water melts. 1996 , 60, 59-73		19
1478	Gibbs free energy of formation of kaolinite from solubility measurement in basic solution between 60 and 170 °C. 1996 , 60, 553-564		29
1477	Formation and stability of endmember illite: I. Solution equilibration experiments at 100–150°C and P _{v,soln} . 1996 , 60, 1873-1883		33
1476	Earth mineralogical model: Gibbs free energy minimization computation in the system MgO-FeO-SiO ₂ . 1996 , 60, 2379-2395		80
1475	Heat capacity measurements of synthetic pyrope-grossular garnets between 320 and 1000 K by differential scanning calorimetry. 1996 , 60, 3215-3227		51
1474	Tectonic evolution of the Paleoproterozoic Torngat Orogen: Evidence from pressure-temperature-time-deformation paths in the North River map area, Labrador. 1996 , 15, 843-869		30
1473	Corundum solubility and aluminum speciation in KOH aqueous solutions at 400°C from 0.5 to 2.0 kbar. 1996 , 60, 4601-4614		16
1472	Pressure-temperature and tectonic evolution of Triassic lawsonite-bearing aragonite blueschists from Pinchi Lake, British Columbia. 1996 , 33, 800-810		21
1471	Thermochemistry and phase equilibria in calcium zeolites. 1996 , 81, 658-667		54
1470	Thermochemistry of natural potassium sodium calcium leonhardite and its cation-exchanged forms. 1996 , 81, 668-675		41
1469	Middle Jurassic exhumation along the western flank of the Selkirk fan structure: Thermobarometric and thermochronometric constraints from the Illecillewaet synclinorium, southeastern British Columbia. 1996 , 108, 1372		42
1468	Ultra-high pressure aluminous titanites in carbonate-bearing eclogites at Shuanghe in Dabieshan, central China. 1996 , 60, 461-471		69
1467	Thermodynamics of order-disorder in minerals; I, Symmetric formalism applied to minerals of fixed composition. 1996 , 81, 1413-1424		57
1466	Mylonite to megabreccia: Tracking fault events within a transcurrent terrane boundary in Nova Scotia, Canada. 1996 , 24, 411		38
1465	Very low-temperature metamorphism of shales from the Diablo Range, Franciscan Complex, California: New constraints on the exhumation path. 1996 , 108, 578		29

1464	EQMIN, a Microsoft [®] Excel [™] spreadsheet to perform thermodynamic calculations: A didactic approach. 1996 , 22, 639-650		7
1463	Long-term geochemical surveillance of fumaroles at Showa-Shinzan dome, Usu volcano, Japan. 1996 , 73, 177-211		58
1462	Equilibration conditions of eclogite lenses from Isla Margarita, Venezuela: Implications for the tectonic evolution of the metasedimentary Juan Griego Group. 1996 , 37, 39-59		6
1461	Chemical mass transfer modelling of ore-forming hydrothermal systems: current practise and problems. 1996 , 10, 319-338		46
1460	Phase equilibria of phlogopite lamprophyres from western Mexico: biotite-liquid equilibria and P-T estimates for biotite-bearing igneous rocks. <i>Contributions To Mineralogy and Petrology</i> , 1996 , 123, 1-21	3.5	93
1459	Mode of formation of hibonite (CaAl ₂ O ₉) within the U-Th skarns from the granulites of S-E Madagascar. <i>Contributions To Mineralogy and Petrology</i> , 1996 , 123, 190-201	3.5	45
1458	Rare earth element mobility during prograde granulite facies metamorphism: significance of fluorine. <i>Contributions To Mineralogy and Petrology</i> , 1996 , 123, 251-262	3.5	77
1457	Prograde and retrograde fluid flow during contact metamorphism of siliceous carbonate rocks from the Ballachulish aureole, Scotland. <i>Contributions To Mineralogy and Petrology</i> , 1996 , 124, 235-254	3.5	34
1456	The effect of thermal history on the development of mineral assemblages during infiltration-driven contact metamorphism. <i>Contributions To Mineralogy and Petrology</i> , 1996 , 124, 334-345	3.5	15
1455	H ₂ O activity in concentrated NaCl solutions at high pressures and temperatures measured by the brucite-periclase equilibrium. <i>Contributions To Mineralogy and Petrology</i> , 1996 , 125, 200-212	3.5	172
1454	Optimized standard state and solution properties of minerals. <i>Contributions To Mineralogy and Petrology</i> , 1996 , 126, 1-24	3.5	323
1453	Divariant and trivariant reaction line slopes in FMAS and CFMAS: theory and applications. <i>Contributions To Mineralogy and Petrology</i> , 1996 , 126, 38-50	3.5	15
1452	Experimental determination of activities in FeTiO ₃ -MnTiO ₃ ilmenite solid solution by redox reversals. <i>Contributions To Mineralogy and Petrology</i> , 1996 , 126, 109-120	3.5	13
1451	Thermodynamics of aluminosilicate garnet solid solution: new experimental data, an optimized model, and thermometric applications. <i>Contributions To Mineralogy and Petrology</i> , 1996 , 126, 137-151	3.5	305
1450	The tectonic significance of a porphyroblastic blueschist facies overprint during Alpine orogenesis: Sifnos, Aegean Sea, Greece. <i>Journal of Structural Geology</i> , 1996 , 18, 1417-1435	3	39
1449	Decompressional P-T history in sapphirine-bearing granulites from Kodaikanal, southern India. 1996 , 14, 231-243		22
1448	Metamorphic evolution of Kodaikkal granulites, south India. 1996 , 22, VI-VII		
1447	Gas geothermometry in selected icelandic geothermal fields with comparative examples from Kenya. 1996 , 25, 307-347		11

1446	Pan-African high pressure isobaric cooling: evidence from the mineralogy and thermobarometry of the granulite-facies rocks from the Uluguru Mountains, eastern Tanzania. 1996 , 23, 443-463	18
1445	High-pressure marble at Yangguantun, Rongcheng County, Shandong Province, eastern China. 1996 , 57, 151-165	16
1444	Fluid inclusions in charnockites from Kodaikanal massif (South India): P-T record and implications for crustal uplift history. 1996 , 57, 167-184	9
1443	Witwatersrand iron-formations and their significance for gold genesis and the composition limits of orthoamphibole. 1996 , 56, 273-295	9
1442	Fluid evolution during high-pressure partial melting in the Austroalpine Ulten Zone, northern Italy. 1996 , 58, 131-144	7
1441	Geothermobarometry of Al ₂ SiO ₅ -bearing metapelites in the western Austroalpine E ₂ -basement. 1996 , 58, 145-170	12
1440	Metamorphism and partial melting of paragneisses of the Monotonous Group, SE Moldanubicum (Austria). 1996 , 58, 215-234	20
1439	Fluid regime in the Austrian Moldanubian Zone as indicated by fluid inclusions. 1996 , 58, 235-252	2
1438	Retrograde mineral reactions: a heat source in the continental crust?. 1996 , 85, 130	
1437	Petrogenesis of a high-temperature metamorphic terrane: a new tectonic interpretation for the north Dabieshan, central China. 1996 , 14, 319-333	95
1436	Petrology of Fe-Mg-carpholite-bearing metasediments from NE Oman. 1996 , 14, 381-397	25
1435	Fluid Flow and Transport in Rocks. 1996 ,	6
1434	Status of thermobarometry in granitic batholiths. 1996 , 87, 125-138	120
1433	Zircon geochronology of anatectic melts and residues from a highgrade pelitic assemblage at Ihosy, southern Madagascar: evidence for Pan-African granulite metamorphism. 1996 , 133, 311-323	75
1432	Salmon River Arch revisited: new evidence for 1370 Ma rifting near the end of deposition in the Middle Proterozoic Belt basin. 1996 , 33, 1037-1052	71
1431	Disequilibrium Induced by Fast Decompression in StâBtâCrtâKyâBilâAnd Metapelites from the Betic Belt (Southern Spain). <i>Journal of Petrology</i> , 1996 , 37, 1207-1239	3.9 63
1430	Regional tilt of the Mount Stuart batholith, Washington, determined using aluminum-in-hornblende barometry: Implications for northward translation of Baja British Columbia. 1996 , 108, 471-488	39
1429	Regional depth-controlled hydrothermal metamorphism in the Zymoetz River area, British Columbia. 1996 , 33, 1169-1184	5

1428	Epithermal gold mineralization, Acupan, Baguio District, Philippines; geology, mineralization, alteration, and the thermochemical environment of ore deposition. 1996 , 91, 243-272		64
1427	Fluid Flow and Transport in Rocks: An Overview. 1997 , 1-14		14
1426	Interlayered Eclogites, Blueschists and Epidote Amphibolites from NE Oman: a Record of Protolith Compositional Control and Limited Fluid Infiltration. <i>Journal of Petrology</i> , 1997 , 38, 1461-1487	3.9	30
1425	Mineral Zoning, P-T-X-M Phase Relations, and Metamorphic Evolution of some Adirondack Granulites, New York. <i>Journal of Petrology</i> , 1997 , 38, 757-783	3.9	56
1424	P-T-X relationships during metamorphism of manganese-rich sediments: Current status and future studies. 1997 , 119, 327-337		6
1423	High-Pressure (2000 MPa) Kyanite- and Glaucophane-bearing Pelitic Schist and Eclogite from Cordillera de la Costa Belt, Venezuela. <i>Journal of Petrology</i> , 1997 , 38, 65-83	3.9	40
1422	Mn ₃ Al ₂ Si ₃ O ₁₂ spessartine and Ca ₃ Al ₂ Si ₃ O ₁₂ grossular garnet; structural dynamic and thermodynamic properties. 1997 , 82, 740-747		53
1421	The Slide Mountain Terrane and the structural evolution of the Finlayson Lake Fault Zone, southeastern Yukon. 1997 , 34, 105-126		20
1420	Pressure-Temperature and Fluid Evolution of Quartzo-Feldspathic Metamorphic Rocks with a Relic High-Pressure, Granulite-Facies History from the Central Erzgebirge (Saxony, Germany). <i>Journal of Petrology</i> , 1997 , 38, 307-336	3.9	93
1419	Origin of gabbro sills in the Moho transition zone of the Oman ophiolite: Implications for magma transport in the oceanic lower crust. 1997 , 102, 27729-27749		149
1418	Formation conditions of igneous regions in ordinary chondrites: Chico, Rose City, and other heavily shocked H and L chondrites. 1997 , 102, 21589-21611		15
1417	Disordered biopyriboles, amphibole, and talc in the Allende meteorite: products of nebular or parent body aqueous alteration?. 1997 , 276, 1103-5		76
1416	Compositional Characteristics of 18th Century Derby Porcelains: Recipe Changes, Phase Transformations, and Melt Fertility. 1997 , 24, 127-140		18
1415	The geology and evolution of the Ballachulish Igneous Complex and Aureole. 1997 , 33, 1.1-29		26
1414	The petrologic case for a dry lower crust. 1997 , 102, 12173-12185		246
1413	Kinematic, thermal and petrological model of the Central Alps: Lepontine metamorphism in the upper crust and eclogitisation of the lower crust. 1997 , 273, 105-127		159
1412	The high-pressure stability of hydrous phases in orogenic belts: an experimental approach on eclogite-forming processes. 1997 , 273, 169-184		62
1411	Counterclockwise P-T-t trajectory from the metamorphic sole of a Neo-Tethyan ophiolite (Turkey). 1997 , 280, 295-310		74

1410	Fluid-rock interactions in the Rhine Graben: A thermodynamic model of the hydrothermal alteration observed in deep drilling. 1997 , 61, 515-531		36
1409	Scapolite-plagioclase exchange: Cl ⁻ /CO ₃ scapolite solution chemistry and implications for peristerite plagioclase. 1997 , 61, 555-567		22
1408	Thermodynamic data for the phases in the CaSiO ₃ system. 1997 , 61, 1181-1191		39
1407	Experimental measurements of the fugacity of CO ₂ and graphite/diamond stability from 35 to 77 kbar at 925 to 1650°C. 1997 , 61, 1565-1574		55
1406	Experimental measurements of the properties of H ₂ O-CO ₂ mixtures at high pressures and temperatures. 1997 , 61, 3301-3309		61
1405	On the loss of from muscovite during polymetamorphism. 1997 , 61, 3863-3872		84
1404	Systematics of thermodynamic data on solids: Thermochemical and pressure-volume-temperature properties of some minerals. 1997 , 61, 4151-4158		11
1403	Experimental study of dissociation of HCl from 350 to 500°C and from 500 to 2500 bars: Thermodynamic properties of HCl ⁰ (aq). 1997 , 61, 4267-4280		136
1402	Experimental determination and interpretation of the solubility of corundum in H ₂ O between 350 and 600°C from 0.5 to 2.2 kbar. 1997 , 61, 4955-4964		41
1401	EO-alpine eclogitisation of Permian MORB-type gabbros in the Koralpe (Eastern Alps, Austria): new geochronological, geochemical and petrological data. <i>Chemical Geology</i> , 1997 , 137, 283-310	4.2	81
1400	⁴⁰ Ar/ ³⁹ Ar dating of the Skaergaard intrusion. 1997 , 146, 645-658		53
1399	Melting enthalpies of mantle peridotite: calorimetric determinations in the system CaO-MgO-Al ₂ O ₃ -SiO ₂ and application to magma generation. 1997 , 153, 209-222		52
1398	An Occurrence of Metastable Cristobalite in High-Pressure Garnet Granulite. 1997 , 276, 91-3		38
1397	Equilibrium Modeling of Clinoptilolite-Analcime Equilibria at Yucca Mountain, Nevada, USA. 1997 , 45, 226-239		9
1396	Near-end-member magnesiochloritoid in prograde-zoned pyrope, Dora-Maira massif, western Alps. 1997 , 41, 37-57		44
1395	Petrology, geochemistry and isotope data on a ultrahigh-pressure jadeite quartzite from Shuanghe, Dabie Mountains, East-central China. 1997 , 41, 59-78		124
1394	Exhumation of ultrahigh-pressure metamorphic oceanic crust from Lago di Cignana, Piemontese zone, western Alps: the structural record in metabasites. 1997 , 41, 79-102		75
1393	Low differential stress during high-pressure metamorphism: The microstructural record of a metapelite from the Eclogite Zone, Tauern Window, Eastern Alps. 1997 , 41, 103-118		73

1392	Experimentally determined Fe?Mg exchange between synthetic staurolite and garnet in the system MgO?FeO?Al ₂ O ₃ ?SiO ₂ ?H ₂ O. 1997 , 41, 185-212		25
1391	Antigorite: High-pressure stability in the system MgO?SiO ₂ ?H ₂ O (MSH). 1997 , 41, 213-227		210
1390	Thermodynamic properties of white micas on the basis of high-pressure experiments in the systems K ₂ O?MgO?Al ₂ O ₃ ?SiO ₂ ?H ₂ O and K ₂ O?FeO?Al ₃ O ₃ ?SiO ₂ ?H ₃ O. 1997 , 41, 229-250		209
1389	THERMODYNAMIC MODELS OF IGNEOUS PROCESSES. 1997 , 25, 221-241		56
1388	A Variscan pressure-temperature-time path for the N-E Mont Blanc massif. <i>Contributions To Mineralogy and Petrology</i> , 1997 , 126, 416-428	3.5	11
1387	Secondary siderite-oxide-sulphide and carbonate-andalusite assemblages in cordierite granulites from Sri Lanka: post-granulite facies fluid evolution during uplift. <i>Contributions To Mineralogy and Petrology</i> , 1997 , 127, 315-335	3.5	8
1386	Formation and destruction of periclase by fluid flow in two contact aureoles. <i>Contributions To Mineralogy and Petrology</i> , 1997 , 128, 313-334	3.5	33
1385	P-T-t history of the Lower Austroalpine Nappe Complex in the âarntaler BergeâNW of the Tauern Window: implications for the geotectonic evolution of the central Eastern Alps. <i>Contributions To Mineralogy and Petrology</i> , 1997 , 129, 1-19	3.5	24
1384	Very low grade metamorphism of the Taveyanne formation of western Switzerland. <i>Contributions To Mineralogy and Petrology</i> , 1997 , 129, 385-403	3.5	36
1383	Mineralogical and chemical variations in hypogene and supergene kaolin deposits in a mobile fold belt the Central Andes of northwestern Peru. 1997 , 32, 149-163		78
1382	Origin of tourmaline and oxide minerals from the metamorphosed Rampura Agucha Zn-Pb-(Ag) deposit, Rajasthan, India. 1997 , 60, 99-119		9
1381	Lawsonite-bearing eclogitic metabasites in the Cazadero area, northern California. 1997 , 61, 163-180		25
1380	CHEMICALLY REACTIVE FLUID FLOW DURING METAMORPHISM. 1998 , 26, 255-287		58
1379	Pumpellyiteâactinolite facies of the Sanbagawa metamorphism. 1998 , 16, 117-128		48
1378	Well-preserved garnet growth zoning in granulite from the Dabie Mountains, central China. 1998 , 16, 213-222		44
1377	Oxygen isotope study of quartz-Al ₂ SiO ₅ pairs from the Mica Creek area, British Columbia: implications for the recovery of peak metamorphic temperatures. 1998 , 16, 223-230		19
1376	The Meatiq dome (Eastern Desert, Egypt) a Precambrian metamorphic core complex: petrological and geological evidence. 1998 , 16, 259-279		71
1375	Prograde eclogite in the Gfl Nappe, Czech Republic: new evidence on Variscan high-pressure metamorphism. 1998 , 16, 563-576		61

1374	Plasma deformation fluid characteristics of lode gold deposits: evidence from alteration systematics. 1998 , 12, 381-453		14
1373	Relationships between foliation development, porphyroblast growth and large-scale folding in a metaturbidite suite, Snow Lake, Canada. <i>Journal of Structural Geology</i> , 1998 , 20, 61-76	3	19
1372	Structural history of the crustal-scale Coast shear zone north of Portland Canal, southeast Alaska and British Columbia. <i>Journal of Structural Geology</i> , 1998 , 20, 883-904	3	64
1371	Geochemical evolution of peraluminous plutons in southern Nova Scotia, Canada: pegmatite-poor suite. 1998 , 44, 117-140		14
1370	PET: petrological elementary tools for mathematica. 1998 , 24, 219-235		44
1369	GEOSURF: a computer program for modeling adsorption on mineral surfaces from aqueous solution. 1998 , 24, 853-873		46
1368	Water-rock interaction and hydrothermal mineral equilibria in the Tendaho geothermal system. 1998 , 86, 253-276		36
1367	Intracrustal origin of Arenal basaltic andesite in the light of solid-melt interactions and related compositional buffering. 1998 , 86, 277-310		20
1366	The high-pressure stability of zoisite and phase relationships of zoisite-bearing assemblages. <i>Contributions To Mineralogy and Petrology</i> , 1998 , 130, 162-175	3.5	67
1365	Thermodynamics of feldspathoid solutions. <i>Contributions To Mineralogy and Petrology</i> , 1998 , 130, 256-274	3.5	5
1364	Structurally controlled fluid flow during contact metamorphism in the Ritter Range pendant, California, USA. <i>Contributions To Mineralogy and Petrology</i> , 1998 , 130, 358-378	3.5	34
1363	Dehydration and partial melting of tremolitic amphibole coexisting with zoisite, quartz, anorthite, diopside, and water in the system H ₂ O-CaO-MgO-Al ₂ O ₃ -SiO ₂ . <i>Contributions To Mineralogy and Petrology</i> , 1998 , 130, 379-389	3.5	11
1362	Kornerupine parageneses in whiteschists and other magnesian rocks: is kornerupine + talc a high-pressure assemblage equivalent to tourmaline + orthoamphibole?. <i>Contributions To Mineralogy and Petrology</i> , 1998 , 131, 22-38	3.5	7
1361	Heat capacity of wadeite-type K ₂ Si ₄ O ₉ and the pressure-induced stable decomposition of K-feldspar. <i>Contributions To Mineralogy and Petrology</i> , 1998 , 131, 210-218	3.5	25
1360	Syndeformational recrystallization - dynamic or compositionally induced?. <i>Contributions To Mineralogy and Petrology</i> , 1998 , 131, 219-236	3.5	92
1359	The influence of water on melting of mantle peridotite. <i>Contributions To Mineralogy and Petrology</i> , 1998 , 131, 323-346	3.5	544
1358	Time of formation and peak of Variscan HP-HT metamorphism of quartz-feldspar rocks in the central Erzgebirge, Saxony, Germany. <i>Contributions To Mineralogy and Petrology</i> , 1998 , 132, 1-20	3.5	132
1357	Phase relations in the greenschist-blueschist-amphibolite-eclogite facies in the system Na ₂ O-CaO-FeO-MgO-Al ₂ O ₃ -SiO ₂ -H ₂ O (NCFMASH), with application to metamorphic rocks from Samos, Greece. <i>Contributions To Mineralogy and Petrology</i> , 1998 , 132, 85-102	3.5	72

1356	High pressure breakdown of antigorite to spinifex-textured olivine and orthopyroxene, SE Spain. <i>Contributions To Mineralogy and Petrology</i> , 1998 , 132, 139-148	3.5	148
1355	Simple models of coupled fluid infiltration and redox reactions in the crust. <i>Contributions To Mineralogy and Petrology</i> , 1998 , 132, 180-197	3.5	32
1354	A thermodynamic analysis of the system LiAlSiO ₄ -NaAlSiO ₄ -Al ₂ O ₃ -SiO ₂ -H ₂ O based on new heat capacity, thermal expansion, and compressibility data for selected phases. <i>Contributions To Mineralogy and Petrology</i> , 1998 , 133, 186-198	3.5	24
1353	Syn-deformation P-T paths of Xiaoqinling metamorphic core complex. 1998 , 43, 1927-1934		7
1352	Calculation of the configurational entropy of Al, Si in layer silicates using the cluster variation method. 1998 , 26, 135-148		11
1351	Titanian clinohumite formation in the Zermatt-Saas ophiolites, Central Alps. 1998 , 64, 1-13		13
1350	A petrogenetic grid for eclogite and related facies under high-pressure metamorphism. 1998 , 7, 36-51		74
1349	High-pressure dissociation of Fe ₃ Al ₂ Si ₃ O ₁₂ garnet: phase boundary determined by phase equilibrium experiments and calorimetry. 1998 , 106, 103-113		12
1348	Exhumation of high-pressure metapelites and coeval crustal extension in the Alpujarride complex (Betic Cordillera). 1998 , 285, 231-252		54
1347	Variscan syncollisional extension in the Iberian Massif: structural, metamorphic and geochronological evidence from the Somosierra sector of the Sierra de Guadarrama (Central Iberian Zone, Spain). 1998 , 290, 87-109		59
1346	Rare Earth Element Speciation in Geothermal Fluids from Yellowstone National Park, Wyoming, USA. 1998 , 62, 657-663		86
1345	The Effect of Alkalis on the Silica Content of Mantle-Derived Melts. 1998 , 62, 883-902		162
1344	Solubility and transport of platinum-group elements in supercritical fluids: summary and estimates of thermodynamic properties for ruthenium, rhodium, palladium, and platinum solids, aqueous ions, and complexes to 1000°C and 5 kbar. 1998 , 62, 2643-2671		104
1343	Determination of the partial molar volume of SiO ₂ in silicate liquids at elevated pressures and temperatures: a new experimental approach. 1998 , 62, 2499-2508		25
1342	Reactive dispersion of stable isotopes by mineral reaction during metamorphism. 1998 , 62, 3745-3752		5
1341	A generalized multicomponent excess function with application to immiscible liquids in the system CaO-SiO ₂ -TiO ₂ . 1998 , 62, 3753-3763		29
1340	Li, B-rich Rhaetian metabauxite, Tuscany, Italy: reworking of older bauxites and igneous rocks. <i>Chemical Geology</i> , 1998 , 144, 221-242	4.2	18
1339	Changes in the 18O/16O ratios of fluids as evidence for different metamorphic episodes in high grade gneisses from the Konovalov Mountains area (Rayner Complex, East Antarctica). <i>Chemical Geology</i> , 1998 , 147, 295-312	4.2	2

1338	Assessment of the Garnet-Clinopyroxene Thermometer. 1998 , 40, 579-608		3
1337	Oxalate Adsorption at a Plagioclase (An47) Surface and Models for Ligand-Promoted Dissolution. 1998 , 32, 2856-2864		25
1336	Experimental Constraints on Himalayan Anatexis. <i>Journal of Petrology</i> , 1998 , 39, 689-710	3.9	727
1335	Midcrustal shear zones in postorogenic extension: Example from the northern Tyrrhenian Sea. 1998 , 103, 12123-12160		380
1334	Thermochemistry and phase equilibria of hydrous phases in the system MgO-SiO ₂ -H ₂ O: Implications for volatile transport to the mantle. 1998 , 103, 9713-9719		54
1333	Thermal evolution, rate of exhumation, and tectonic significance of metamorphic rocks from the floor of the Alboran extensional basin, western Mediterranean. 1998 , 17, 671-689		158
1332	Facies concept and petrogenetic grids. 1998 , 21-26		
1331	Environments and processes of metamorphism. 1998 , 3-19		
1330	Calculation of Peridotite Partial Melting from Thermodynamic Models of Minerals and Melts. I. Review of Methods and Comparison with Experiments. <i>Journal of Petrology</i> , 1998 , 39, 1091-1115	3.9	118
1329	Contact Metamorphism in Pelitic Rocks on the Island of Kos (Greece, Eastern Aegean Sea): a Test for the Na-in-Cordierite Thermometer. <i>Journal of Petrology</i> , 1998 , 39, 663-688	3.9	28
1328	The Origin of Anorthosites and Related Rocks from the Lofoten Islands, Northern Norway: I. Field Relations and Estimation of Intrinsic Variables. <i>Journal of Petrology</i> , 1998 , 39, 1425-1452	3.9	46
1327	Making movies: phase diagrams changing in pressure, temperature, composition and time. 1998 , 138, 269-280		2
1326	Coronas, reaction rims, symplectites and emplacement depth of the Rymmen gabbro, Transscandinavian Igneous Belt, southern Sweden. 1998 , 62, 743-757		29
1325	Subduction of ophiicarbonates and recycling of CO ₂ and H ₂ O. 1998 , 26, 375		118
1324	Peak Metamorphic Conditions of Garnet Amphibolites Beneath the Semail Ophiolite: Implications for an Inverted Pressure Gradient. 1998 , 40, 281-304		64
1323	Geochemical Evolution of the Massif-type Anorthosite Complex at Bolangir in the Eastern Ghats Belt of India. <i>Journal of Petrology</i> , 1998 , 39, 1169-1195	3.9	34
1322	Boundary Layer Crystallization in a Basaltic Magma Chamber: Evidence from Rishiri Volcano, Northern Japan. <i>Journal of Petrology</i> , 1998 , 39, 1619-1640	3.9	47
1321	Paleozoic and Mesozoic high-pressure metamorphism at the margin of ancestral North America in central Yukon. 1998 , 110, 615-629		38

1320	Postspinel Transformations in the System Mg ₂ SiO ₄ -Fe ₂ SiO ₄ :Element Partitioning, Calorimetry, and Thermodynamic Calculation. 1998 , 373-384		19
1319	The stability of tremolite: New experimental data and a thermodynamic assessment. 1998 , 83, 726-739		22
1318	Experimental determination of the reaction: Magnesite + enstatite = forsterite + CO ₂ in the ranges 6-25 kbar and 700-1100 °. 1998 , 83, 213-219		24
1317	Chapter 2. HIGH-PRESSURE MINERALS FROM DEEPLY SUBDUCTED METAMORPHIC ROCKS. 1998 , 33-96		53
1316	Chapter 10. THERMODYNAMICS OF HIGH PRESSURE PHASES. 1998 , 319-342		1
1315	Experimental determination of CO ₂ -H ₂ O activity-composition relations at 600-1000 °C and 6-4 kbar by reversed decarbonation and dehydration reactions. 1999 , 84, 1319-1332		73
1314	. 1999 ,		6
1313	Energetics of kaolin polymorphs. 1999 , 84, 506-516		28
1312	Two contrasting mineral assemblages in the Meliata blueschists, Western Carpathians, Slovakia. 1999 , 63, 489-501		11
1311	Zoning of chloritoid from kyanite-facies metapsammities, Alpi Apuane, Italy. 1999 , 63, 105-110		9
1310	Distribution of overprinting metamorphic mineral assemblages in the Wissahickon group, southeastern Pennsylvania. 1999 ,		2
1309	Magmatic crystallization, isobaric cooling, and decompression of the garnet-bearing assemblages of the Jijal sequence (Kohistan terrane, western Himalayas). 1999 , 27, 139		60
1308	Petrology of Sapphirine-bearing and Associated Granulites from Central Sri Lanka. <i>Journal of Petrology</i> , 1999 , 40, 1211-1239	3-9	87
1307	Simple Models of CO ₂ Release from Metacarbonates with Implications for Interpretation of Directions and Magnitudes of Fluid Flow in the Deep Crust. <i>Journal of Petrology</i> , 1999 , 40, 1443-1462	3-9	39
1306	Petrology of High-Pressure Metapelites from the Adula Nappe (Central Alps, Switzerland). <i>Journal of Petrology</i> , 1999 , 40, 199-213	3-9	57
1305	The influence of CaCl ₂ on the kinetics of the reaction 1 tremolite + 3 calcite + 2 quartz --> 5 diopside + 3 CO ₂ + 1 H ₂ O; an experimental investigation. 1999 , 299, 393-427		4
1304	Use of linear free energy relationship to predict Gibbs free energies of formation of pyrochlore phases (CaMTi ₂ O ₇). 1999 , 275, 216-220		13
1303	Pan-African pressure-temperature evolution of the Merelani area in the Mozambique Belt in northeast Tanzania. 1999 , 29, 353-365		17

1302	Wollastonite formation during variscan post-tectonic cooling in the Schwarzwald, Germany. 1999 , 66, 193-213		2
1301	Thermodynamics of (Fe ²⁺ , Mn ²⁺ , Mg, Ca) ₃ Al ₂ Si ₃ O ₁₂ garnet: a review and analysis. 1999 , 66, 271-299		32
1300	Calibration and testing of an empirical chloritoid-chlorite Mg-Fe exchange thermometer and thermodynamic data for daphnite. 1999 , 17, 25-39		61
1299	Humite- and scapolite-bearing assemblages in marbles and calcsilicates of Dronning Maud Land, Antarctica: new data for Gondwana reconstructions. 1999 , 17, 91-107		29
1298	A model for the calculation of combined chemical reactions and transport processes and its application to the corrosion of mineral-building materials Part II. Experimental verification. 1999 , 29, 1047-1053		8
1297	Experimental determination and computation of the liquid miscibility gap in the system CaO-MgO-SiO ₂ -TiO ₂ . 1999 , 20, 593-611		15
1296	P-T paths from anatectic pelites. <i>Contributions To Mineralogy and Petrology</i> , 1999 , 134, 17-32	3.5	435
1295	Heat capacities of Tschermak substituted Fe-biotite. <i>Contributions To Mineralogy and Petrology</i> , 1999 , 135, 53-61	3.5	12
1294	Clinopyroxene geobarometry of magmatic rocks. Part 2. Structural geobarometers for basic to acid, tholeiitic and mildly alkaline magmatic systems. <i>Contributions To Mineralogy and Petrology</i> , 1999 , 135, 62-74	3.5	148
1293	Natural metastable reactions involving garnet, staurolite and cordierite: implications for petrogenetic grids and the extensional collapse of the Betic-Rif Belt. <i>Contributions To Mineralogy and Petrology</i> , 1999 , 136, 131-153	3.5	25
1292	Fluid influence on mineral reactions in ultrahigh-pressure granulites: a case study in the Biełk Mts. (West Sudetes, Poland). <i>Contributions To Mineralogy and Petrology</i> , 1999 , 136, 358-373	3.5	67
1291	Exotic origin of the ruby deposits of the Mangari area in SE Kenya. 1999 , 14, 83-104		39
1290	PELE version of the MELTS software program for the PC platform. 1999 , 25, 201-203		156
1289	Phenocryst crystallization during ascent of alkali basalt magma at Rishiri Volcano, northern Japan. 1999 , 88, 77-97		51
1288	Formation, Chemistry and Fertility of Extraterrestrial Soils: Cohesion, Water Adsorption and Surface Area of Carbonaceous Chondrite. Prebiotic and Space Resource Applications. 1999 , 137, 178-195		8
1287	Spinel-bearing symplectites in Palaeoproterozoic ultramafic rocks from two different geological settings in Finland: Thermobarometric and tectonic implications. 1999 , 121, 293-300		5
1286	Petrological and Structural Evolution of High-Grade Metamorphic Rocks from the Floor of the Alboran Sea Basin, Western Mediterranean. <i>Journal of Petrology</i> , 1999 , 40, 21-60	3.9	66
1285	Partial melting and retrogression during exhumation of high-grade metapelites, the Tatra Mountains, Western Carpathians. 1999 , 24, 289-294		4

1284	Kinematics and metamorphism of a cretaceous core complex: The veporic unit of the Western Carpathians. 1999 , 24, 651-658		20
1283	Thermodynamic modelling of the system titanium-oxygen. 1999 , 23, 189-218		92
1282	Petrology and Pâ history of the Wutai amphibolites: implications for tectonic evolution of the Wutai Complex, China. 1999 , 93, 181-199		143
1281	High- and Ultrahigh-pressure Metamorphism and Retrogressive Textures of Gneiss in the Donghai Area. 1999 , 73, 300-315		10
1280	Retrograde evolution of eclogite facies rocks from NE Oman: evidence from fluid inclusions and petrological data. <i>Chemical Geology</i> , 1999 , 154, 193-223	4.2	20
1279	An oxygen barometer for rutileâmenite assemblages: oxidation state of metasomatic agents in the mantle. 1999 , 166, 127-137		49
1278	Early Miocene high-temperature metamorphism and rapid exhumation in the Betic Cordillera (Spain): evidence from Uâb zircon ages. 1999 , 171, 591-605		106
1277	Syn- versus post-orogenic extension: the case study of Giglio Island (Northern Tyrrhenian Sea, Italy). 1999 , 304, 71-93		77
1276	Tectonothermal history of the basement rocks in the western zone of the North China Craton and its tectonic implications. 1999 , 310, 37-53		251
1275	The GGT/SVEKA Transect: Structure and Evolution of the Continental Crust in the Paleoproterozoic Svecofennian Orogen in Finland. 1999 , 41, 287-333		153
1274	Tectonic evolution of the Priest River complex, northern Idaho and Washington: A reappraisal of the Newport fault with new insights on metamorphic core complex formation. 1999 , 18, 375-393		31
1273	Thermal and compositional evolution of a cooling magma chamber by boundary layer Fractionation: model and its application for primary magma estimation. 1999 , 26, 2029-2032		15
1272	Thermal modeling of convergent and extensional tectonic settings for the development of low-grade metamorphism in the Welsh Basin. 1999 , 104, 23069-23079		5
1271	Boundary layer fractionation constrained by differential information from the Kutsugata lava flow, Rishiri volcano, Japan. 1999 , 104, 29401-29417		9
1270	Oligocene-Miocene Bu Khang extensional gneiss dome in Vietnam: Geodynamic implications. 1999 , 27, 67		69
1269	Silicate and oxide exsolution in pseudo-spinifex olivine from metaultramafic rocks of the Betic Ophiolitic Association: A TEM study. 1999 , 84, 1915-1924		21
1268	The Distribution, Style, and Intensity of Alleghanian Metamorphism in South-Central New England: Petrologic Evidence from the Pelham and Willimantic Domes. 1999 , 107, 449-471		18
1267	Thermodynamic Stability of Actinide Pyrochlore Minerals in Deep Geologic Repository Environments. 1999 , 608, 367		1

1266	Assessment of feldspar solubility constants in water in the range of 0 degrees to 350 degrees C at vapor saturation pressures. 1999 , 299, 173-209		69
1265	The crystal structure of Mg ₈ (Mg ₂ Al ₂)Al ₈ Si ₁₂ (O,OH) ₅₆ pumpellyite and its relevance in ultramafic systems at high pressure. 1999 , 84, 1906-1914		13
1264	Crystal-chemical controls on trace element partitioning between garnet and anhydrous silicate melt. 1999 , 84, 848-855		32
1263	Silicate-Carbonate Reactions in Sedimentary Systems: Fluid Composition Control and Potential for Generation of Overpressure. 161-176		0
1262	Reaction-enhanced permeability during decarbonation of calcite + quartz -> wollastonite + carbon dioxide. 2000 , 28, 911		16
1261	Thermobarometric constraints on the tectonothermal evolution of the East Humboldt Range metamorphic core complex, Nevada. 2000 , 112, 45-60		78
1260	Enstatite-forsterite-water equilibria at elevated temperatures and pressures. 2000 , 85, 918-925		51
1259	Eclogite facies relics in metabasites from the Sierra de Guadarrama (Spanish Central System): P-T estimations and implications for the Hercynian evolution. 2000 , 64, 815-836		39
1258	MINERAL AND FLUID EQUILIBRIA IN Mo-BEARING SKARN AT THE ZENITH DEPOSIT, SOUTHWESTERN GRENVILLE PROVINCE, RENFREW AREA, ONTARIO, CANADA. 2000 , 38, 937-950		1
1257	MINERAL EQUILIBRIA IN QUARTZ LEUCOAMPHIBOLITES (QUARTZ - GARNET - PLAGIOCLASE - HORNBLende CALC-SILICATES) FROM SOUTHEASTERN BRITISH COLUMBIA, CANADA. 2000 , 38, 233-244		
1256	A Low F Pegmatite-Related Mo Skarn from the Southwestern Grenville Province, Ontario, Canada: Phase Equilibria and Petrogenetic Implications. 2000 , 95, 1319-1337		1
1255	In situ X-ray diffraction investigation of lawsonite and zoisite at high pressures and temperatures. 2000 , 85, 206-216		18
1254	The equation of state of lawsonite to 7 GPa and 873 K, and calculation of its high pressure stability. 2000 , 85, 1001-1008		14
1253	Gibbs energy minimization in gas + liquid + solid systems. 2000 , 21, 247-256		21
1252	Exhumation paths of high-pressure metapelites obtained from local equilibria for chlorite-epidote assemblages. <i>Geological Journal</i> , 2000 , 35, 139-161	1.7	133
1251	Polyphase evolution and reaction sequence of compositional domains in metabasalt: a model based on local chemical equilibrium and metamorphic differentiation. <i>Geological Journal</i> , 2000 , 35, 163-183	1.7	15
1250	Structural and petrological constraints on the tectono-metamorphic evolution of the Massa Unit (Alpi Apuane, NW Tuscany, Italy). <i>Geological Journal</i> , 2000 , 35, 251-264	1.7	39
1249	Neogene exhumation of the Variscan Szeghalom Dome, Pannonian Basin, E. Hungary. <i>Geological Journal</i> , 2000 , 35, 265-284	1.7	6

1248	High-precision relative thermobarometry: theory and a worked example. 2000 , 18, 91-101		47
1247	Primary carbonate/CO ₂ inclusions in sapphirine-bearing granulites from central Sri Lanka. 2000 , 18, 259-269.		28
1246	Thermodynamic properties of liquid phase in the CaO-SiO ₂ -CaO-Al ₂ O ₃ -SiO ₂ -CaO-Al ₂ O ₃ -SiO ₂ system. 2000 , 20, 505-515		15
1245	Chemical thermodynamics of silica: a critique on its geothermometer. 2000 , 29, 323-346		20
1244	Tectonic setting of post-collisional magmatism in the Palaeoproterozoic Svecofennian Orogen, SW Finland. 2000 , 54, 63-81		61
1243	High-pressure blueschists and eclogites in Hong'an: a framework for addressing the evolution of high- and ultrahigh-pressure rocks in central China. 2000 , 52, 1-22		67
1242	Experimental synthesis and phase relations of phengitic muscovite from 6.5 to 11 GPa in a calcareous metapelite from the Dabie Mountains, China. 2000 , 52, 51-77		49
1241	Metamorphic evolution, mineral chemistry and thermobarometry of schists and orthogneisses hosting ultra-high pressure eclogites in the Dabieshan of central China. 2000 , 52, 121-155		194
1240	A possible UHP-eclogite in the Leaota Mts. (South Carpathians) and its history from high-pressure melting to retrograde inclusion in a subduction melange. 2000 , 52, 253-276		20
1239	The heat capacity of synthetic anhydrous Mg and Fe cordierite. <i>Contributions To Mineralogy and Petrology</i> , 2000 , 138, 46-50	3.5	11
1238	Titaniferous magnetite-ilmenite thermometry and titaniferous magnetite-ilmenite-orthopyroxene-quartz oxygen barometry in granulite facies gneisses, Bamble Sector, SE Norway: implications for the role of high-grade CO ₂ -rich fluids during granulite genesis. <i>Contributions To Mineralogy and Petrology</i> , 2000 , 139, 180-197	3.5	34
1237	A simple, universal theory and method for computer plotting of stable equilibrium phase diagrams of a multisystem-BFM method. 2000 , 43, 215-224		2
1236	Pressure-temperature estimation in orthopyroxene-garnet bearing granulite facies rocks, Bamble Sector, Norway. 2000 , 69, 11-33		16
1235	Contrasting parageneses in mica schists of the Hohe Tauern, caused by manganese and zinc. 2000 , 69, 197-212		2
1234	High-pressure/temperature metamorphism in the St. Leonhard Granulite Massif, Austria: evidence from intermediate pyroxene-bearing granulites. 2000 , 89, 631-651		47
1233	Phase relations, singularities and thermobarometry of metamorphic assemblages containing phengite, chlorite, biotite, K-feldspar, quartz and H ₂ O. <i>Contributions To Mineralogy and Petrology</i> , 2000 , 139, 555-569	3.5	21
1232	Mobility of components in metasomatic transformation and partial melting of gneisses: an example from Sri Lanka. <i>Contributions To Mineralogy and Petrology</i> , 2000 , 140, 212-232	3.5	54
1231	Retrograde mineral and fluid evolution in high-pressure metapelites (Schistes lustrés unit, Western Alps). <i>Contributions To Mineralogy and Petrology</i> , 2000 , 140, 296-315	3.5	45

1230	Metamorphism and Anatexis in the Mafic Complex Contact Aureole, Ivrea Zone, Northern Italy. <i>Journal of Petrology</i> , 2000 , 41, 1307-1327	3.9	80
1229	Mineral Chemistry and Pressure-Temperature Evolution of Two Contrasting High-pressure-Low-temperature Belts in the Chonos Archipelago, Southern Chile. <i>Journal of Petrology</i> , 2000 , 41, 309-330	3.9	55
1228	Petrology of the Cormacks Lake Complex, Newfoundland: decompressional reaction relations in cordierite+orthoamphibole-bearing gneisses and associated rocks. 2000 , 64, 711-724		4
1227	Thermodynamic functions at zero pressure and their relation to equations of state of minerals. 2000 , 85, 329-337		7
1226	Patterns of mineral occurrence in metamorphic rocks. 2000 , 85, 1573-1588		92
1225	Atomistic simulation of the effect of temperature and pressure on point defect formation in MgSiO ₃ perovskite and the stability of CaSiO ₃ perovskite. 2000 , 12, 8427-8438		12
1224	Dynamic treatment of invariant and univariant reactions in metamorphic systems. 2000 , 300, 173-221		14
1223	Conditions of pluton emplacement and anatexis in the Caledonian Bindal Batholith, north-central Norway. 2000 , 80, 259-274		13
1222	P-T Paths Derived from Garnet Growth Zoning in an Extensional Setting: an Example from the Tormes Gneiss Dome (Iberian Massif, Spain). <i>Journal of Petrology</i> , 2000 , 41, 1489-1515	3.9	51
1221	U-Pb geochronology and origin of granitoid rocks in the Thetford Mines ophiolite, Canadian Appalachians. 2000 , 112, 915-928		46
1220	Workshop on applications of computational thermodynamics. 2000 , 24, 55-94		20
1219	Metamorphism of basement rocks in the Central Zone of the North China Craton: implications for Paleoproterozoic tectonic evolution. 2000 , 103, 55-88		497
1218	Strain pattern and late Precambrian deformation history in southern Madagascar. 2000 , 102, 1-20		120
1217	Metamorphic evolution of Pan-African granulite facies metapelites from Southern Madagascar. 2000 , 102, 47-68		59
1216	Two-dimensional numerical modeling of pressure-temperature-time paths for the exhumation of some granulite facies terrains in the Precambrian. 2000 , 30, 17-35		80
1215	Geobarometry for Mantle Eclogites: Solubility Of Ca-Tschermaks in Clinopyroxene. 2000 , 42, 534-544		14
1214	Geospeedometry and Time Scales of High-Pressure Metamorphism. 2000 , 42, 207-223		12
1213	Partitioning of Fe ³⁺ /Fe _{total} between amphibole and basanitic melt as a function of oxygen fugacity. 2000 , 178, 97-112		42

1212	Feldspar saturation state in natural waters. 2000 , 64, 2567-2584	89
1211	Condensation in dust-enriched systems. 2000 , 64, 339-366	332
1210	Pressure-volume-temperature behavior of diaspore and corundum: An in situ X-ray diffraction study comparing different pressure media. 2000 , 105, 27877-27887	17
1209	Exhumation during a continental collision inferred from the tectonometamorphic evolution of the Alpujarride Complex in the central Betics (Alboran Domain, SE Spain). 2000 , 19, 549-565	72
1208	Solubility and Dissolution Kinetics of Dolomite in Ca-Mg-HCO ₃ /CO ₃ Solutions at 25°C and 0.1 MPa Carbon Dioxide. 2000 , 64, 1959-1968	47
1207	Hydrogeology of Crystalline Rocks. 2000 ,	5
1206	GRANULITE- AND AMPHIBOLITE-FACIES METAMORPHISM IN A CONVERGENT-PLATE-MARGIN SETTING: SYNTHESIS OF THE QUEBEC-BAFFIN SEGMENT OF THE TRANS-HUDSON OROGEN. 2000 , 38, 379-398	20
1205	Zeolite Parageneses in the North Atlantic Igneous Province: Implications for Geotectonics and Groundwater Quality of Basaltic Crust. 2000 , 42, 15-44	41
1204	Late Archean structural and metamorphic history of the Wind River Range: Evidence for a long-lived active margin on the Archean Wyoming craton. 2000 , 112, 564-578	28
1203	Rapid stress release caused by polymorphic transformation during the experimental deformation of quartz. 2000 , 27, 3089-3092	8
1202	METAMORPHIC EVOLUTION OF SPESSARTINE QUARTZITES (COTICULES) IN THE HIGH-PRESSURE, LOW-TEMPERATURE COMPLEX AT BAHIA MANSA, COASTAL CORDILLERA OF SOUTH-CENTRAL CHILE. 2001 , 39, 1547-1569	25
1201	On the conditions for lower crustal convective instability. 2001 , 106, 6423-6446	364
1200	Lunar Mg suite: Thermobarometry and petrogenesis of parental magmas. 2001 , 106, 27969-27983	42
1199	Alpine structural and metamorphic signature of the Sila Piccola Massif nappe stack (Calabria, Italy): Insights for the tectonic evolution of the Calabrian Arc. 2001 , 20, 112-133	95
1198	From microscope to mountain belt: 150 years of petrology and its contribution to understanding geodynamics, particularly the tectonics of orogens. 2001 , 32, 115-164	72
1197	Elemental composition of concentrated brines in subduction zones and the deep continental crust. 2001 , 105, 371-383	5
1196	Thermotectonic studies in the Paleoproterozoic Glennie domain, trans-Hudson orogen, Canada. 2001 , 109, 175-202	6
1195	Geochemical Stability of Natural Zeolites. 2001 , 45, 117-161	48

1194	Quantitative field methods for estimating melt production and melt loss. 2001 , 26, 247-253		16
1193	Ca/Mg of brines in Miocene/Oligocene clastic sediments of the Texas Gulf Coast: buffering by calcite/disordered dolomite equilibria. 2001 , 65, 3065-3080		31
1192	Coupled heat and silica transport associated with dike intrusion into sedimentary rock: effects on isotherm location and permeability evolution. 2001 , 65, 3749-3767		29
1191	Aluminum speciation in crustal fluids revisited. 2001 , 65, 3965-3992		123
1190	Experimental study on the solubility of the model pelite mineral assemblage albite + K-feldspar + andalusite + quartz in supercritical chloride-rich aqueous solutions at 0.2 GPa and 600°C. 2001 , 65, 4493-4507		20
1189	Sphene (titanite): phase relations and role as a geochronometer. <i>Chemical Geology</i> , 2001 , 172, 131-148	4.2	326
1188	A thermodynamic model for hydrous silicate melts in the system NaAlSi ₃ O ₈ -AlSi ₃ O ₈ -Si ₄ O ₈ -H ₂ O. <i>Chemical Geology</i> , 2001 , 174, 103-114	4.2	11
1187	Experimental constraints on high pressure melting in subducted crust. 2001 , 188, 149-168		219
1186	Inherent gravitational instability of thickened continental crust with regionally developed low- to medium-pressure granulite facies metamorphism. 2001 , 190, 221-235		56
1185	Volume change during partial melting reactions: implications for melt extraction, melt geochemistry and crustal rheology. 2001 , 342, 389-405		70
1184	THE STRUCTURE OF THE LUKKULAISSVAARA INTRUSION, OULANKA GROUP, NORTHERN KARELIA: PETROLOGICAL IMPLICATIONS. 2001 , 39, 607-637		28
1183	3. Geochemical Stability of Natural Zeolites. 2001 , 117-162		25
1182	Instability of Al ₂ SiO ₅ triple-point assemblages in muscovite+biotite+quartz-bearing metapelites, with implications. 2001 , 86, 1414-1422		51
1181	Assemblages with titanite (CaTiO ₅ SiO ₄), Ca-Mg-Fe olivine and pyroxenes, Fe-Mg-Ti oxides, and quartz: Part I. Theory. 2001 , 86, 247-253		17
1180	Calcite inclusions in forsterite. 2001 , 86, 773-779		18
1179	THE OCCURRENCE AND ORIGIN OF ZABUYELITE (Li ₂ CO ₃) IN SPODUMENE-HOSTED FLUID INCLUSIONS: IMPLICATIONS FOR THE INTERNAL EVOLUTION OF RARE-ELEMENT GRANITIC PEGMATITES. 2001 , 39, 1513-1527		34
1178	Thermodynamics of the amphiboles: Anthophyllite-ferroanthophyllite and the ortho-clino phase loop. 2001 , 86, 640-651		9
1177	Evolution of HF and HCl activity in magmatic volatiles of the gold-mineralized Emerald Lake pluton, Yukon Territory, Canada. 2001 , 36, 594-606		54

1176	Thermodynamic data of the high-pressure phase Mg ₅ Al ₅ Si ₆ O ₂₁ (OH) ₇ (Mg-sursassite). 2001 , 28, 475-487		10
1175	Heat of formation of petalite, LiAlSi ₄ O ₁₀ . 2001 , 28, 531-533		2
1174	Phase relations in garnet-bearing metabasites of prehnite-pumpellyite facies from the Darbut-Sartuohai ophiolite, Western Junggar of Xinjiang, China. 2001 , 71, 67-85		11
1173	Cs-Ba systematics in phengite and amphibole: an assessment of fluid mobility at 2.0 GPa in eclogites from Trescolmen, Central Alps. <i>Contributions To Mineralogy and Petrology</i> , 2001 , 140, 651-669	3.5	88
1172	Adiabatic temperature changes of magma-gas mixtures during ascent and eruption. <i>Contributions To Mineralogy and Petrology</i> , 2001 , 141, 307-321	3.5	36
1171	Multiple zircon growth during fast exhumation of diamondiferous, deeply subducted continental crust (Kokchetav Massif, Kazakhstan). <i>Contributions To Mineralogy and Petrology</i> , 2001 , 141, 66-82	3.5	336
1170	Eclogite-facies quartz veins within metabasites of the Dabie Shan (eastern China): pressure-temperature-time-deformation path, composition of the fluid phase and fluid flow during exhumation of high-pressure rocks. <i>Contributions To Mineralogy and Petrology</i> , 2001 , 141, 322-346	3.5	117
1169	Ferric iron partitioning between plagioclase and silicate liquid: thermodynamics and petrological applications. <i>Contributions To Mineralogy and Petrology</i> , 2001 , 141, 659-686	3.5	50
1168	Primary fluids entrapped at blueschist to eclogite transition: evidence from the Tianshan meta-subduction complex in northwestern China. <i>Contributions To Mineralogy and Petrology</i> , 2001 , 142, 1-14	3.5	141
1167	Calculated silica activities in carbonatite liquids. <i>Contributions To Mineralogy and Petrology</i> , 2001 , 141, 704-709	3.5	47
1166	A predictive thermodynamic model of garnet-helit trace element partitioning. <i>Contributions To Mineralogy and Petrology</i> , 2001 , 142, 219-234	3.5	59
1165	Thermodynamic data of lawsonite and zoisite in the system CaO-Al ₂ O ₃ -SiO ₂ -H ₂ O based on experimental phase equilibria and calorimetric work. <i>Contributions To Mineralogy and Petrology</i> , 2001 , 142, 298-308	3.5	16
1164	Role of precursory less-viscous mixed magma in the eruption of phenocryst-rich magma: evidence from the Hokkaido-Komagatake 1929 eruption. 2001 , 63, 365-376		44
1163	Low temperature eclogite facies metamorphism in Western Tianshan, Xinjiang. 2001 , 44, 85-96		29
1162	Some aspects of the role of intergranular fluids in the compositional evolution of metamorphic rocks. <i>Journal of Earth System Science</i> , 2001 , 110, 293-303	1.8	
1161	Patchy charnockites from Jenapore, Eastern Ghats granulite belt, India: Structural and petrochemical evidences attesting to their relict nature. <i>Journal of Earth System Science</i> , 2001 , 110, 337-350	1.8	2
1160	Middle Miocene high-pressure metamorphism and fast exhumation of the Nevado-Filiz Verde Complex, SE Spain. 2001 , 13, 327-332		91
1159	Partial melting in the Inzie Head gneisses: the role of water and a petrogenetic grid in KFMASH applicable to anatexitic pelitic migmatites. 2001 , 19, 99-118		39

1158	Fluid-rock history of granulite facies humite-marbles from Ambasamudram, southern India.. 2001 , 19, 395-410		15
1157	Interlayer and Si content of phengite in HP&T carpholite-bearing metapelites. 2001 , 19, 479-495		51
1156	Preservation of Permo&Triassic low-pressure assemblages in the Cretaceous high-pressure metamorphic Saualpe crystalline basement (Eastern Alps, Austria). 2001 , 19, 679-697		53
1155	High-grade metamorphism and hydrous melting of metapelites in the Pinos terrane (W Cuba): Evidence for crustal thickening and extension in the northern Caribbean collisional belt. 2001 , 19, 699-715		24
1154	Rodingite formation from diorite in the Samothraki ophiolite, NE Aegean, Greece. <i>Geological Journal</i> , 2001 , 36, 93-109	1.7	22
1153	THE MELILITE-BEARING HIGH-TEMPERATURE SKARNS OF THE APUSENI MOUNTAINS, CARPATHIANS, ROMANIA. 2001 , 39, 1405-1434		18
1152	The geology of aluminium phosphates and sulphates of the alunite group minerals: a review. 2001 , 53, 35-93		157
1151	Are pressures for blueschists and eclogites overestimated? The case from NE Oman. 2001 , 56, 231-264		20
1150	Superzoned garnets in the coesite-bearing Brossasco-Isasca Unit, Dora-Maira massif, Western Alps, and the origin of the whiteschists. 2001 , 57, 219-236		61
1149	High-pressure Fluid&Rock Reactions involving Cl-bearing Fluids in Lower-crustal Ductile Shear Zones of the Flakstad&Basic Complex, Lofoten, Norway. <i>Journal of Petrology</i> , 2001 , 42, 1349-1372	3.9	33
1148	Epithermal Au-Ag-Te Mineralization, Acupan, Baguio District,Philippines: Numerical Simulations of Mineral Deposition. 2001 , 96, 109-131		8
1147	Antigorite: Pressure and temperature dependence of polysomatism and water content. <i>European Journal of Mineralogy</i> , 2001 , 13, 485-495	2.2	69
1146	The influence of T, aSiO& and fO& on exsolution textures in Fe-Mg olivine: An example from augite syenites of the Ilimaussaq Intrusion, South Greenland. 2001 , 86, 36-46		20
1145	Geochemical Modeling of the Zoned Footwall Alteration Pipe,Hellyer Volcanic-Hosted Massive Sulfide Deposit, Western Tasmania,Australia. 2001 , 96, 1037-1054		3
1144	Exhumation as fast as subduction?. 2001 , 29, 3		388
1143	Formation of Wollastonite by Chemically Reactive Fluid Flow During Contact Metamorphism, Mt. Morrison Pendant, Sierra Nevada, California, USA. <i>Journal of Petrology</i> , 2001 , 42, 1705-1728	3.9	39
1142	High fO2 During Sillimanite Zone Metamorphism of Part of the Barrovian Type Locality, Glen Clova, Scotland. <i>Journal of Petrology</i> , 2001 , 42, 1301-1320	3.9	23
1141	Fractionation and Assimilation Processes in the Alkaline Augite Syenite Unit of the Ilmaussaq Intrusion, South Greenland, as Deduced from Phase Equilibria. <i>Journal of Petrology</i> , 2001 , 42, 1947-1969	3.9	82

1140	A calorimetric study of zoisite and clinozoisite solid solutions. 2001 , 86, 80-91		2
1139	Enthalpies of formation of tremolite and talc by high-temperature solution calorimetry – a consistent picture. 2001 , 86, 1345-1357		7
1138	Hydrothermal alteration processes of the Tertiary lavas of Northern Ireland. 2001 , 65, 543-554		11
1137	Ultrahigh-pressure mineral inclusions in zircons from gneissic core samples of the Chinese Continental Scientific Drilling Site in eastern China. <i>European Journal of Mineralogy</i> , 2002 , 14, 499-512	2.2	103
1136	Thermodynamics of the amphiboles: Ca-Mg-Fe ₂₊ -quadrilateral. 2002 , 87, 79-98		13
1135	Garnet-biotite-clinozoisite gneiss: a new type of diamondiferous metamorphic rock from the Kokchetav Massif. <i>European Journal of Mineralogy</i> , 2002 , 14, 915-928	2.2	45
1134	The enthalpy of formation and internally consistent thermodynamic data of Mg-staurolite. 2002 , 87, 397-404		8
1133	Thermodynamics and stability of pseudobrookite-type MgTi ₂ O ₅ (karrooite). 2002 , 87, 658-667		20
1132	Decompressional reaction textures formed by isobaric heating: an example from the thermal aureole of the Taylor Brook Gabbro Complex, western Newfoundland. 2002 , 66, 941-951		5
1131	Ultra high pressure (UHP) terrains: Lessons from thermal modeling. 2002 , 302, 410-441		31
1130	Multiple generations of extensional detachments in the Rhodope Mountains (northern Greece): evidence of episodic exhumation of high-pressure rocks. 2002 , 204, 151-178		44
1129	Garnet composition as a petrogenetic indicator: An example from a marble – calc-silicate granulite interface at Kondapalle, Eastern Ghats Belt, India. 2002 , 302, 686-725		12
1128	MELONPIT: A finite element code for simulating tectonic mass movement and heat flow within subduction zones. 2002 , 302, 381-409		13
1127	Stability of corundum + quartz relative to kyanite and sillimanite at high temperature and pressure. 2002 , 87, 424-432		38
1126	The stability of Fe-Mg chlorites in hydrothermal solutions: II. thermodynamic properties. 2002 , 50, 591-600		8
1125	Experimental determination of the equilibria: rutile + magnesite = geikielite + CO ₂ and zircon + 2 magnesite = baddeleyite + forsterite + 2 CO ₂ . 2002 , 87, 1342-1350		16
1124	Pressure-temperature paths from garnet-zoning: Evidence for multiple episodes of thrust burial in the hinterland of the Sevier orogenic belt. 2002 , 87, 115-131		23
1123	Three-dimensional geometry of metamorphic fluid flow during Barrovian regional metamorphism from an inversion of combined petrologic and stable isotopic data. 2002 , 30, 639		16

1122	High SiF ₄ /HF ratio detected in Satsuma-Iwojima volcano plume by remote FT-IR observation. 2002 , 54, 249-256		21
1121	Constraints on Studies of Metamorphic K-Na White Micas. 2002 , 46, 413-448		13
1120	Water-Rock Reactions in a Barite-Fluorite Underground Mine, Black Forest (Germany). 2002 , 171-187		3
1119	New evidence for syntectonic fluid migration across the hinterland-foreland transition of the Canadian Cordillera. 2002 , 107, ETG 6-1-ETG 6-25		11
1118	Constraints on the bulk composition and root foundering rates of continental arcs: A California arc perspective. 2002 , 107, ECV 15-1-ECV 15-13		104
1117	Petrogenesis of Metamorphic Rocks. 2002 ,		123
1116	Peraluminous Sapphirine in Retrogressed Kyanite-bearing Eclogites from the South Carpathians: Status and Implications. 2002 , 44, 859-876		13
1115	Coeval migmatites and granulites, Muskoka domain, southwestern Grenville Province, Ontario. 2002 , 39, 239-258		18
1114	Formation of refractory inclusions by evaporation of condensate precursors. 2002 , 66, 145-161		60
1113	Experimental study of aluminum speciation in fluoride-rich supercritical fluids. 2002 , 66, 2013-2024		27
1112	Spinel-garnet lherzolite transition in the system CaO-MgO-Al ₂ O ₃ -SiO ₂ revisited: an in situ X-ray study. 2002 , 66, 2109-2121		51
1111	Solubility of enstatite + forsterite in H ₂ O at deep crust/upper mantle conditions: 4 to 15 kbar and 700 to 900°C. 2002 , 66, 4165-4176		85
1110	Connected fluid evolution in fractured crystalline basement and overlying sediments, Pannonian Basin, SE Hungary. <i>Chemical Geology</i> , 2002 , 182, 91-120	4.2	26
1109	Thermobarometric data from a fossil zircon partial annealing zone in high pressure low temperature rocks of eastern and central Crete, Greece. 2002 , 349, 309-326		86
1108	Melting of quartz up to 2.0 GPa and thermodynamic optimization of the silica liquidus up to 6.0 GPa. 2002 , 130, 159-174		40
1107	Gas pressures and redox reactions in geothermal fluids in Iceland. <i>Chemical Geology</i> , 2002 , 190, 251-271	4.2	71
1106	Insights into volcanic conduit flow from an open-source numerical model. <i>Geochemistry, Geophysics, Geosystems</i> , 2002 , 3, 1-18	3.6	69
1105	The pMELTS: A revision of MELTS for improved calculation of phase relations and major element partitioning related to partial melting of the mantle to 3 GPa. <i>Geochemistry, Geophysics, Geosystems</i> , 2002 , 3, 1-35	3.6	523

1104	High-pressure, low-temperature metamorphism in Alpujarride Units of southeastern Betics (Spain). 2002 , 334, 857-865		30
1103	The Batalha Au-uranium system in the Tapajós Gold Province, Amazonian craton, Brazil: hydrothermal alteration and regional implications. 2002 , 119, 225-256		20
1102	9. Constraints on Studies of Metamorphic K-Na White Micas. 2002 , 413-448		8
1101	Relation between the intensity of deformation and retrogression in blueschist metapelites of Tinos Island (Greece) evidenced by chlorite-mica local equilibria. 2002 , 63, 41-66		138
1100	Structural and metamorphic constraints on ca. 70Ma deformation of the northern Valhalla complex, British Columbia: implications for the tectonic evolution of the southern Omineca belt. <i>Journal of Structural Geology</i> , 2002 , 24, 1195-1214	3	20
1099	The mineralogy of the Kokchetav amphibolite: implications for the magma evolution. 2002 , 116, 35-61		10
1098	The direction of fluid flow during contact metamorphism of siliceous carbonate rocks: new data for the Monzoni and Predazzo aureoles, northern Italy, and a global review. <i>Contributions To Mineralogy and Petrology</i> , 2002 , 142, 679-699	3.5	57
1097	Experimental investigation of zoisite-ilinozoisite phase equilibria in the system $CaO-Fe_2O_3-Al_2O_3-SiO_2-H_2O$. <i>Contributions To Mineralogy and Petrology</i> , 2002 , 143, 115-130	3.5	15
1096	High-temperature dehydration melting and decompressive P-T path in a granulite complex from the Eastern Ghats, India. <i>Contributions To Mineralogy and Petrology</i> , 2002 , 143, 175-191	3.5	34
1095	Fluid inclusion record of the hypozonal orogenic Renco gold deposit (Zimbabwe) during the retrograde P-T evolution. <i>Contributions To Mineralogy and Petrology</i> , 2002 , 143, 495-509	3.5	24
1094	A thermodynamic model for Fe-Mg dioctahedral K white micas using data from phase-equilibrium experiments and natural pelitic assemblages. <i>Contributions To Mineralogy and Petrology</i> , 2002 , 143, 706-732	3.5	115
1093	Thermodynamic properties and stability of AlF-bearing titanite $CaTiOSiO_4$ and $AlFSiO_4$. <i>Contributions To Mineralogy and Petrology</i> , 2002 , 142, 543-563	3.5	40
1092	Thermodynamic modelling of the reaction muscovite+cordierite \rightarrow Al_2SiO_5 +biotite+quartz+ H_2O : constraints from natural assemblages and implications for the metapelitic petrogenetic grid. 2002 , 20, 99-118		71
1091	Isograds and P-T evolution in the eastern Lepontine Alps (Graubünden, Switzerland). 2002 , 20, 309-324		46
1090	Mixing properties of phengitic micas and revised garnet-phengite thermobarometers. 2002 , 20, 683-696		658
1089	Fluid inclusions as microchemical systems: evidence and modelling of fluid-host interactions in plagioclase. 2002 , 20, 845-858		14
1088	High-pressure granulite-facies metagabbros in the Ubendian Belt of SW Tanzania: preliminary petrography and P-T estimates. 2002 , 34, 279-285		16
1087	Estimation of heat capacities of solid mixed oxides. 2002 , 395, 27-46		216

1086	First-principles study of illite-smectite and implications for clay mineral systems. 2002 , 420, 165-8		78
1085	The Fluid Evolution Related to Talc Mineralization in the Hwanggangri Area, South Korea. <i>Resource Geology</i> , 2002 , 52, 273-278	1	3
1084	Subduction tectonics and exhumation of high-pressure metamorphic rocks in the Mediterranean orogens. 2003 , 303, 353-409		316
1083	Raman spectroscopy and heat capacity measurement of calcium ferrite type MgAl ₂ O ₄ and CaAl ₂ O ₄ . 2003 , 30, 409-415		27
1082	Formation and evolution processes of the Salanfe WâAs-skarns (Aiguilles Rouges Massif, western Swiss Alps). 2003 , 38, 154-168		9
1081	Dating the exhumation of UHP rocks and associated crustal melting in the Norwegian Caledonides. <i>Contributions To Mineralogy and Petrology</i> , 2003 , 144, 758-770	3.5	33
1080	Activity coefficient and polymerization of aqueous silica at 800 °C, 12 kbar, from solubility measurements on SiO ₂ -buffering mineral assemblages. <i>Contributions To Mineralogy and Petrology</i> , 2003 , 146, 135-143	3.5	56
1079	Partial eclogitisation of gabbroic rocks in a late Precambrian subduction zone (Zambia): prograde metamorphism triggered by fluid infiltration. <i>Contributions To Mineralogy and Petrology</i> , 2003 , 146, 174-191	3.5	135
1078	The magnesio-wâstite: iron equilibrium and its implications for the activity-composition relations of (Mg,Fe) ₂ SiO ₄ olivine solid solutions. <i>Contributions To Mineralogy and Petrology</i> , 2003 , 146, 308-325	3.5	27
1077	IRIDIUMâ program to model reaction of silicate liquid infiltrating a porous solid assemblage. 2003 , 29, 423-429		17
1076	Carbonate-hosted talc deposits in the contact aureole of an igneous intrusion (Hwanggangri mineralized zone, South Korea): geochemistry, phase relationships, and stable isotope studies. 2003 , 22, 17-39		15
1075	Petrology of rocks formed by interaction of mafic magmas and high-grade metamorphic rocks at Suya Taco area, northern Sierra de Comechingones, Argentina. 2003 , 66, 107-132		6
1074	Petrology of sapphirine granulite and associated sodic gneisses from the Indian Head Range, Newfoundland. 2003 , 68, 91-114		9
1073	First evidence of high-pressure metamorphism in the âover Seriesâ of the southern Menderes Massif. Tectonic and metamorphic implications for the evolution of SW Turkey. 2003 , 71, 19-46		120
1072	Conditions and timing of high-pressure Variscan metamorphism in the South Carpathians, Romania. 2003 , 70, 141-161		56
1071	Transition of UHP eclogites to gneissic rocks of low-amphibolite facies during exhumation: evidence from the Dabie terrane, central China. 2003 , 70, 269-291		87
1070	Eclogites preserved as pebbles in Jurassic conglomerate, Dabie Mountains, China. 2003 , 70, 345-357		18
1069	Petrology and Uâb geochronology of lower crustal xenoliths and the development of a craton, Slave Province, Canada. 2003 , 71, 541-573		40

1068	Late-stage deformation in a collisional orogen (Western Alps): nappe refolding, back-thrusting or normal faulting?. 2003 , 15, 109-117		61
1067	The metamorphic field gradient in the eclogite type locality, Koralpe region, Eastern Alps. 2003 , 21, 377-393		32
1066	Geothermobarometry, P-T paths and metamorphic field gradients of high-pressure rocks from the Adula Nappe, Central Alps. 2003 , 21, 813-829		54
1065	Metamorphic petrology and zircon geochronology of high-grade rocks from the central Mozambique Belt of Tanzania: crustal recycling of Archean and Palaeoproterozoic material during the Pan-African orogeny. 2003 , 21, 915-934		78
1064	Evidence for a Neoproterozoic ocean in south-central Africa from mid-oceanic-ridge-type geochemical signatures and pressure-temperature estimates of Zambian eclogites. 2003 , 31, 243		117
1063	Role of element solubility on the kinetics of element partitioning: In situ observations and a thermodynamic kinetic model. 2003 , 108,		12
1062	Tectonic evolution of the early Mesozoic blueschist-bearing Qiangtang metamorphic belt, central Tibet. 2003 , 22, n/a-n/a		279
1061	The ZONMET thermodynamic and kinetic model of metal condensation. 2003 , 67, 1737-1751		29
1060	Package FLUIDS 1. Computer programs for analysis of fluid inclusion data and for modelling bulk fluid properties. <i>Chemical Geology</i> , 2003 , 194, 3-23	4.2	514
1059	Reactions in fluid inclusions in plagioclase: Thermodynamic modelling, constraints on PT paths and a natural example. 2003 , 78-79, 23-26		
1058	Mineralogy and Chemistry of Biotites from Eastern Pontide Granitoid Rocks, NE-Turkey: Some Petrological Implications for Granitoid Magmas. 2003 , 63, 163-182		21
1057	Contrasting metamorphic conditions in the Neoproterozoic collision-related Nappes south of São Francisco Craton, SE Brazil. 2003 , 15, 853-870		27
1056	A comparative study of APS minerals of the Pacific Rim fold belts with special reference to south American argillaceous deposits. 2003 , 16, 301-320		22
1055	Evaluation of the volatilization and infiltration effects on the stable isotopic and mineralogical variations in the carbonate rocks adjacent to the Cretaceous Muamsa Granite, South Korea. 2003 , 22, 227-243		13
1054	Enthalpy of formation of pargasite by high-temperature solution calorimetry and heat capacity of pargasite and fluoropargasite by differential scanning calorimetry. <i>European Journal of Mineralogy</i> , 2003 , 15, 617-628	2.2	4
1053	Origin of prismatic from the Sondalo granulites (Central Alps, northern Italy). <i>European Journal of Mineralogy</i> , 2003 , 15, 393-400	2.2	11
1052	Relationships Among Eclogite Bodies and Host Rocks in the Lotru Metamorphic Suite (South Carpathians, Romania): Petrological Evidence for Multistage Tectonic Emplacement of Eclogites in a Medium-Pressure Terrain. 2003 , 45, 225-262		11
1051	Carbonate-Bearing UHPM Rocks from the Tso-Morari Region, Ladakh, India: Petrological Implications. 2003 , 45, 49-69		65

1050	Mid-crustal Metasomatic Reaction Veins in Spinel Peridotite. <i>Journal of Petrology</i> , 2003 , 44, 1097-1120	3.9	10
1049	Geochemical Zoning in Metamorphic Minerals. 2003 , 229-261		42
1048	Shift and Rotation of Composition Trends by Magma Mixing: 1983 Eruption at Miyake-jima Volcano, Japan. <i>Journal of Petrology</i> , 2003 , 44, 1895-1916	3.9	27
1047	Relations between progressive deformation and fluid-rock interaction during shear-zone growth in a basement-cored thrust sheet, Sevier orogenic belt, Utah. 2003 , 303, 1-59		29
1046	Stability and thermodynamic properties of ferro-actinolite: A re-investigation. 2003 , 303, 723-752		13
1045	Thermodynamics of Fe oxides: Part II. Enthalpies of formation and relative stability of goethite (FeOOH), lepidocrocite (Fe ₂ OOH), and maghemite (Fe ₂ O ₃). 2003 , 88, 855-859		105
1044	Room temperature compressibility of clinocllore and chamosite. <i>European Journal of Mineralogy</i> , 2003 , 15, 465-468	2.2	8
1043	Ilmaussaq - a miniature closed-system fractionation in an agpaitic dyke rock from the Gardar Province, South Greenland (contribution to the mineralogy of Ilmaussaq no. 117). 2003 , 67, 893-919		27
1042	The fusion curve of albite revisited and the compressibility of NaAlSi ₃ O ₈ liquid with pressure. 2003 , 88, 109-120		21
1041	Heats of mixing of silicate liquid in the systems diopside-anorthite-akermanite, diopside-anorthite-forsterite, and diopside-silica. 2003 , 88, 1020-1024		7
1040	Low-pressure subsolidus and suprasolidus phase equilibria in the MnNCKFMASH system: Constraints on conditions of regional metamorphism in western Maine, northern Appalachians. 2003 , 88, 624-638		57
1039	Ultrahigh-pressure grossular-rich garnetite from the Moldanubian Zone, Czech Republic. <i>European Journal of Mineralogy</i> , 2003 , 15, 43-54	2.2	30
1038	Age and emplacement conditions of the Chalmers mafic intrusion deduced from contact melts. 2003 , 125, 213-220		11
1037	Thermal Structure due to Solid-State Flow in the Mantle Wedge Beneath Arcs. 2003 , 293-311		131
1036	6. Epidote in Geothermal Systems. 2004 , 235-300		3
1035	2. Thermodynamic Properties of Zoisite, Clinozoisite and Epidote. 2004 , 83-124		3
1034	Coherent French Range blueschist: Subduction to exhumation in . 2004 , 116, 910		38
1033	Mechanism and kinetics of element and isotopic exchange mediated by a fluid phase. 2004 , 88, 1251-1270		54

1032	Experimental determination of siderite stability and application to Martian Meteorite ALH84001. 2004 , 89, 294-300		26
1031	Fluid inclusions in carpholite-bearing metasediments and blueschists from NE Oman: Constraints on P-T evolution. <i>European Journal of Mineralogy</i> , 2004 , 16, 221-233	2.2	6
1030	Calorimetry of liquids in the system Na ₂ O-Fe ₂ O ₃ -SiO ₂ . 2004 , 89, 1586-1596		15
1029	Petrology and Chemistry of Metasomatic Blocks from Bawshir, Northeastern Oman. 2004 , 46, 904-938		8
1028	Precambrian meta-ultramafic rocks from the Tobacco Root Mountains, Montana. 2004 ,		2
1027	Chapter 15 Transport properties in deep depths and related condensed-matter phenomena. 2004 , 9, 1041-1203		
1026	An equation of state for silicate melts. III. Analysis of stoichiometric liquids at elevated pressure: shock compression data, molecular dynamics simulations and mineral fusion curves. 2004 , 304, 752-810		26
1025	Metamorphic Processes in Rodingites of the Zermatt-Saas Ophiolites. 2004 , 46, 28-51		46
1024	A Low-Variance Mineral Assemblage with Talc and Phengite in an Eclogite from the Saxonian Erzgebirge, Central Europe, and its P-T Evolution. <i>Journal of Petrology</i> , 2004 , 46, 355-375	3.9	37
1023	Modeling the Role of Sodic Alteration in the Genesis of Iron Oxide-Copper-Gold Deposits, Eastern Mount Isa Block, Australia. 2004 , 99, 1145-1176		149
1022	Thermodynamic modelling of lode-gold deposits in Archaean granitoids: Woodcutters and Lady Bountiful mines, Kalgoorlie region, Western Australia. 2004 , 51, 431-438		3
1021	Paragonite-Årnblende assemblages and their petrological significance: an example from the Austroalpine Schneeberg Complex, Southern Tyrol, Italy. 2004 , 14, 85-101		26
1020	An internally consistent thermodynamic data set for phases of petrological interest. 2004 , 16, 309-343		3233
1019	Deformation, mass transfer and mineral reactions in an eclogite facies shear zone in a polymetamorphic metapelite (Monte Rosa nappe, western Alps). 2004 , 22, 97-118		48
1018	Serpentinites of the Zermatt-Saas ophiolite complex and their texture evolution. 2004 , 22, 159-177		118
1017	A new method for the derivation of the closed nets in the phase diagram space of multisystems. I. The absent phase substitution method. 2004 , 22, 413-425		3
1016	Fluid sinks within the earth's crust. 2004 , 4, 143-151		64
1015	Magmatic differentiation examined with a numerical model considering multicomponent thermodynamics and momentum, energy and species transport. 2004 , 74, 117-130		11

1014	Recalibration of mutually consistent garnet-biotite and garnet-hornblende geothermometers?. 2004 , 73, 255-269		58
1013	A counterclockwise PTt path of high-pressure/low-temperature rocks from the Coastal Cordillera accretionary complex of south-central Chile: constraints for the earliest stage of subduction mass flow. 2004 , 75, 283-310		99
1012	PET: Petrological Elementary Tools for Mathematica : an update. 2004 , 30, 173-182		34
1011	PTGIBBS-EXCEL™ Visual Basic program for computing and visualizing thermodynamic functions and equilibria of rock-forming minerals. 2004 , 30, 909-923		30
1010	Thermodynamic analysis of the system Na ₂ O-K ₂ O-CaO-Al ₂ O ₃ -SiO ₂ -H ₂ O-F ₂ O: Stability of fluorine-bearing minerals in felsic igneous suites. <i>Contributions To Mineralogy and Petrology</i> , 2004 , 146, 762-778	3.5	58
1009	Paragonite stability at 700°C in the presence of H ₂ O-NaCl fluids: constraints on H ₂ O activity and implications for high pressure metamorphism. <i>Contributions To Mineralogy and Petrology</i> , 2004 , 147, 740-749	3.5	25
1008	Converging P-T paths of Mesozoic HP-LT metamorphic units (Diego de Almagro Island, Southern Chile): evidence for juxtaposition during late shortening of an active continental margin. 2004 , 81, 43-84		26
1007	Petrogenesis of granitoid rocks at the northern margin of the Eastern Ghats Mobile Belt and evidence of syn-collisional magmatism. <i>Journal of Earth System Science</i> , 2004 , 113, 543-563	1.8	
1006	Thermodynamic evaluation and optimization of the MnO-Al ₂ O ₃ and MnO-Al ₂ O ₃ -SiO ₂ systems and applications to inclusion engineering. 2004 , 35, 259-268		54
1005	Critical thermodynamic evaluation and optimization of the FeO-Fe ₂ O ₃ -MgO-SiO ₂ system. 2004 , 35, 877-889		44
1004	Critical thermodynamic evaluation and optimization of the MgO-Al ₂ O ₃ , CaO-MgO-Al ₂ O ₃ , and MgO-Al ₂ O ₃ -SiO ₂ Systems. 2004 , 25, 329-345		83
1003	Shock-compressed MgSiO ₃ glass, enstatite, olivine, and quartz: Optical emission, temperatures, and melting. 2004 , 109,		59
1002	Optimization of some key geothermobarometers for pelitic metamorphic rocks. 2004 , 68, 1-14		11
1001	The Serpentinite Multisystem Revisited: Chrysotile Is Metastable. 2004 , 46, 479-506		389
1000	Serpentinites, Peridotites, and Seismology. 2004 , 46, 795-816		248
999	Thermodynamic Data, Models, and Phase Diagrams in Multicomponent Oxide Systems. 2004 ,		43
998	Amoeboid olivine aggregates and related objects in carbonaceous chondrites: records of nebular and asteroid processes. 2004 , 64, 185-239		100
997	Amoeboid olivine aggregates with low-Ca pyroxenes: a genetic link between refractory inclusions and chondrules?. 2004 , 68, 1923-1941		38

996	The application of multidimensional wavelets to unveiling multi-phase diagrams and in situ physical properties of rocks. 2004 , 223, 49-64	35
995	Spatial correlation of deformation and mineral reaction in experimentally deformed plagioclase-ilivine aggregates. 2004 , 389, 93-109	38
994	U-Pb geochronological constraints on the tectonothermal evolution of the Paleoproterozoic basement of Cadomia, La Hague, NW France. 2004 , 134, 293-315	22
993	Metamorphic path constrained by metapelitic rocks from the inner Aiuruoca-Andreia nappe, south of the São Francisco craton, SE Brazil. 2004 , 16, 725-741	17
992	Epidote in Geothermal Systems. 2004 , 56, 235-300	63
991	Thermodynamic models for eclogitic mantle lithosphere. 2004 , 218, 451-462	12
990	The energetics of aluminum solubility into MgSiO ₃ perovskite at lower mantle conditions. 2004 , 220, 317-330	31
989	Thermodynamic Properties of Zoisite, Clinozoisite and Epidote. 2004 , 56, 83-124	12
988	Petrogenesis of calc-alkaline and shoshonitic post-collisional Oligocene volcanics of the Cover Series of the Sesia Zone, Western Italian Alps. 2004 , 17, 1-29	29
987	Fine-grained, spinel-rich inclusions from the reduced CV chondrites Efremovka and Leoville: I. Mineralogy, petrology, and bulk chemistry. 2004 , 39, 1517-1553	71
986	The activity of chromite in multicomponent spinels: Implications for T-fO ₂ conditions of equilibrated H chondrites. 2004 , 39, 1287-1305	7
985	Magnetic monitoring of hydrothermal magnetite nucleation-and-growth: Record of magnetic reversals. 2004 , 88, 1385-1389	8
984	The activity of silica, water, and the equilibration of intermediate and silicic magmas. 2004 , 89, 1438-1446	15
983	STAUROLITE AND OTHER ALUMINOUS PHASES IN ALPINE ECLOGITE FROM THE CENTRAL SWISS ALPS: ANALYSIS OF DOMAIN EVOLUTION. 2005 , 43, 105-128	10
982	RELIQS OF HIGH-TEMPERATURE CLINOPYROXENE ON THE JOIN Di CaTs WITH UP TO 72 mol.% Ca(Al,Fe ³⁺)AlSiO ₆ IN THE SKARNS OF CICLOVA AND MAGUREAUA VATEI, CARPATHIANS, ROMANIA. 2005 , 43, 857-881	12
981	Comparing closed system, flow-through and fluid infiltration geochemical modelling: examples from K-alteration in the Ernest Henry Fe-oxide-Cu-Au system. 2005 , 5, 289-307	16
980	An analysis of uncertainty in non-equilibrium and equilibrium geothermobarometry. 2005 , 22, 811-824	1
979	A new method to calculate end-member thermodynamic properties of minerals from their constituent polyhedra I: enthalpy, entropy and molar volume. 2005 , 23, 165-179	26

978	Oxide and sulphide isograds along a Late Archean, deep-crustal profile in Tamil Nadu, south India. 2005, 23, 241-259		35
977	Exhumation, doming and slab retreat in the Betic Cordillera (SE Spain): in situ $^{40}\text{Ar}/^{39}\text{Ar}$ ages and P-T paths for the Nevado-Filabride complex. 2005, 23, 357-381		99
976	A new method to calculate end-member thermodynamic properties of minerals from their constituent polyhedra II: heat capacity, compressibility and thermal expansion. 2005, 23, 681-693		17
975	Calcite-graphite isotope thermometry in amphibolite facies marble, Bancroft, Ontario. 2005, 23, 051031032640001		100
974	Equilibration and disequilibrium between monazite and garnet: indication from phase-composition and quantitative texture analysis. 2005, 23, 051031032640004		3
973	Thermodynamics of mantle minerals - I. Physical properties. 2005, 162, 610-632		405
972	The controlling effect of viscous dissipation on magma flow in silicic conduits. 2005, 143, 17-28		42
971	Subvolcanic hydrothermal systems: Implications from hydrothermal minerals in hydrovolcanic ash. 2005, 145, 249-262		28
970	Possible seismic signature of the SiO_2 quartz transition in the lithosphere of Southern Tuscany (Italy). 2005, 148, 81-97		18
969	Ordovician metamorphism and plutonism in the Sierra de Quilmes metamorphic complex: Implications for the tectonic setting of the northern Sierras Pampeanas (NW Argentina). 2005, 83, 143-181		77
968	Metamorphic evolution and thermobaric structure of the subduction-related Bacariza high-pressure granulite formation (Cabo Ortegal Complex, NW Spain). 2005, 84, 125-149		31
967	Alpine high-P/low-T metamorphism of the Afyon Zone and implications for the metamorphic evolution of Western Anatolia, Turkey. 2005, 84, 102-124		115
966	Critical thermodynamic evaluation and optimization of the CaO-MgO-SiO_2 system. 2005, 25, 313-333		102
965	Fluid compositions and local fluid buffering during the retrograde metamorphism of Al-bearing dolomitic calc-silicate granulites in the Limpopo Central Zone, southern Africa. 2005, 41, 61-77		1
964	Glassy orthopyroxene granodiorites of the Pannonian Basin: tracers of ultra-high-temperature deep-crustal anatexis triggered by Tertiary basaltic volcanism. <i>Contributions To Mineralogy and Petrology</i> , 2005, 148, 615-633	3.5	13
963	The thermodynamics of iron and magnesium partitioning between olivine and liquid: criteria for assessing and predicting equilibrium in natural and experimental systems. <i>Contributions To Mineralogy and Petrology</i> , 2005, 149, 22-39	3.5	334
962	Mullite-corundum-spinel-cordierite-plagioclase xenoliths in the Skaergaard Marginal Border Group: multi-stage interaction between metasediments and basaltic magma. <i>Contributions To Mineralogy and Petrology</i> , 2005, 149, 196-215	3.5	16
961	Contrasting metamorphism across caavery shear zone, south India. <i>Journal of Earth System Science</i> , 2005, 114, 143-158	1.8	22

960	Experimental Investigation and Optimization of Thermodynamic Properties and Phase Diagrams in the Systems CaOâSiO ₂ , MgOâSiO ₂ , CaMgSi ₂ O ₆ âSiO ₂ and CaMgSi ₂ O ₆ âMg ₂ SiO ₄ to 10 GPa. <i>Journal of Petrology</i> , 2005 , 46, 1859-1880	3.9	21
959	Precision and accuracy of the heat-pulse calorimetric technique: lowtemperature heat capacities of milligram-sized synthetic mineral samples. <i>European Journal of Mineralogy</i> , 2005 , 17, 251-259	2.2	88
958	PressureâTemperature Evolution of a Late Palaeozoic Paired Metamorphic Belt in NorthâCentral Chile (34°â35°30'S). <i>Journal of Petrology</i> , 2005 , 46, 1805-1833	3.9	84
957	CARBONATED SERPENTINITE (LISTWANITE) AT ATLIN, BRITISH COLUMBIA: A GEOLOGICAL ANALOGUE TO CARBON DIOXIDE SEQUESTRATION. 2005 , 43, 225-239		113
956	Exhumation Paths of High-PressureâLow-Temperature Metamorphic Rocks from the Lycian Nappes and the Menderes Massif (SW Turkey): a Multi-Equilibrium Approach. <i>Journal of Petrology</i> , 2005 , 46, 641-689	3.9	67
955	GEOMETRY OF ISOGRADIC, ISOTHERMAL, AND ISOBARIC SURFACES: INTERPRETATION AND APPLICATION. 2005 , 43, 295-310		7
954	MINERAL REACTIONS AT BOUNDARIES BETWEEN AMPHIBOLITE AND MARBLE IN THE SOUTHERN GRENVILLE PROVINCE, QUEBEC, CANADA. 2005 , 43, 569-583		1
953	A New Interpretation of Centimetre-scale Variations in the Progress of Infiltration-driven Metamorphic Reactions: Case Study of Carbonated Metaperidotite, Val d'Efra, Central Alps, Switzerland. <i>Journal of Petrology</i> , 2005 , 46, 1725-1746	3.9	18
952	Phase Relations and Chemical Composition of Phengite and Paragonite in Pelitic Schists During Decompression: a Case Study from the Monte Rosa Nappe and CamugheraâMoncucco Unit, Western Alps. <i>Journal of Petrology</i> , 2005 , 46, 2145-2166	3.9	15
951	A Quaternary Solution Model for White Micas Based on Natural Coexisting PhengiteâParagonite Pairs. <i>Journal of Petrology</i> , 2005 , 46, 2129-2144	3.9	43
950	Experimental constraints on the formation of high-P/high-T granulites in the Southern Bohemian Massif. <i>European Journal of Mineralogy</i> , 2005 , 17, 343-356	2.2	27
949	Two-stage exhumation of midcrustal arc rocks, Coast Mountains, British Columbia. 2005 , 24, n/a-n/a		29
948	Genesis of the Olden wollastonite skarn, Sharbot Lake domain, Central Metasedimentary Belt, Grenville Province, southeastern Ontario, Canada. 2005 , 42, 1401-1417		4
947	Subgreenschist facies metamorphism of metabasites from the Precordillera terrane of western Argentina; constraints on the later stages of accretion onto Gondwana. <i>European Journal of Mineralogy</i> , 2005 , 17, 441-452	2.2	22
946	Metamorphic evolution of the Râ Santa Rosa Granulites, northern Sierra de Comechingones, Argentina. 2005 , 18, 163-181		8
945	Dehydration melting studies in a âRyanite terrainâManali, NW Himalayas. 2005 , 25, 345-366		7
944	In situ feldspar dissolution rates in an aquifer. 2005 , 69, 1435-1453		122
943	Experimental study of gold-hydrosulphide complexing in aqueous solutions at 350â500°C, 500 and 1000 bars using mineral buffers. 2005 , 69, 2119-2132		51

942	Thermodynamic properties of copper chloride complexes and copper transport in magmatic-hydrothermal solutions. <i>Chemical Geology</i> , 2005 , 221, 21-39	4.2	88
941	Reduced carbonic fluids in mafic granulite xenoliths from the Bakony-Balaton Highland Volcanic Field, W-Hungary. <i>Chemical Geology</i> , 2005 , 223, 93-108	4.2	20
940	M ⁺ tabasites de la cordillère occidentale d'Équateur, t ⁺ moins du soubassement océanique des Andes d'Équateur. 2005 , 337, 625-634		8
939	Proterozoic mafic dykes as monitors of HP granulite facies metamorphism in the Grenville Front Tectonic Zone (western Quebec). 2005 , 138, 183-207		14
938	Reaction-induced weakening of plagioclase-ilivine composites. 2005 , 409, 85-106		61
937	Secondary mineral-fluid equilibria in the Krafla and Næfjall geothermal systems, Iceland. 2005 , 20, 1607-1625		32
936	Thermodynamic properties of magnesiochloritoid. <i>European Journal of Mineralogy</i> , 2005 , 17, 587-598	2.2	5
935	Experimental data on the Tschermak substitution in Fe-chlorite. 2005 , 90, 359-370		26
934	Mineralogy and elasticity of the oceanic upper mantle: Origin of the low-velocity zone. 2005 , 110,		212
933	THE DEVELOPMENT OF A MARGARITE CORUNDUM BLACKWALL BY METASOMATIC ALTERATION OF A SLICE OF MICA SCHIST IN ULTRAMAFIC ROCK, KVESJOEN, NORWEGIAN CALEDONIDES. 2005 , 43, 129-156		18
932	AN OCCURRENCE OF SAPPHIRINE IN THE ARCHEAN SUPERIOR PROVINCE, NORTHERN QUEBEC. 2005 , 43, 463-478		2
931	Serpentinities in an Alpine convergent setting: Effects of metamorphic grade and deformation on microstructures. <i>European Journal of Mineralogy</i> , 2006 , 18, 21-33	2.2	52
930	How High Are the P-T Conditions for Paleoproterozoic Metamorphism of the Huangtuling Felsic Granulite, North Dabieshan, Central China?. 2006 , 17, 291-301		4
929	Thermodynamic properties and crystal structure refinement of ferricopiapite, coquimbite, rhomboclase, and Fe ₂ (SO ₄) ₃ (H ₂ O) ₅ . <i>European Journal of Mineralogy</i> , 2006 , 18, 175-186	2.2	51
928	Heat capacities and entropies of mixing of pyrope-grossular (Mg ₃ Al ₂ Si ₃ O ₁₂ -Ca ₃ Al ₂ Si ₃ O ₁₂) garnet solid solutions: A low-temperature calorimetric and a thermodynamic investigation. 2006 , 91, 894-906		49
927	Equation of state of antigorite, stability field of serpentines, and seismicity in subduction zones. 2006 , 33,		48
926	Feedback between deformation and magmatism in the Lloyds River Fault Zone: An example of episodic fault reactivation in an accretionary setting, Newfoundland Appalachians. 2006 , 25, n/a-n/a		10
925	Structural effects of pressure on triclinic chlorite: A single-crystal study. 2006 , 91, 1871-1878		11

924	Pressure-Temperature-time Evolution of Metamorphic Rocks from Naxos (Cyclades, Greece): Constraints from Thermobarometry and Rb/Sr dating. 2006 , 19, 301-321		82
923	Static lattice energy calculations of mixing and ordering enthalpy in binary carbonate solid solutions. <i>Chemical Geology</i> , 2006 , 225, 304-313	4.2	22
922	Simulation of thermodynamic mixing properties of garnet solid solutions at high temperatures and pressures. <i>Chemical Geology</i> , 2006 , 225, 336-346	4.2	16
921	UV-Vis spectrophotometric and XAFS studies of ferric chloride complexes in hyper-saline LiCl solutions at 25-90 °C. <i>Chemical Geology</i> , 2006 , 231, 326-349	4.2	90
920	Geochemical chaos: Periodic and nonperiodic growth of mixed-layer phyllosilicates. 2006 , 70, 1995-2005		9
919	Apatite as a probe of halogen and water fugacities in the terrestrial planets. 2006 , 70, 3173-3196		82
918	Silica and pyroxene in IVA irons; possible formation of the IVA magma by impact melting and reduction of L-LL-chondrite materials followed by crystallization and cooling. 2006 , 70, 3149-3172		44
917	Constraints of stable isotopes on the origin of alunite from advanced argillic alteration systems in Bulgaria. 2006 , 90, 166-182		14
916	Fluid Transfer in High-grade Metamorphic Terrains Intruded by Anorogenic Granites: The Thor Range, Antarctica. <i>Journal of Petrology</i> , 2006 , 47, 567-593	3.9	23
915	P-T conditions of high-grade metamorphic rocks of the Garzon Massif, Andean basement, SE Colombia. 2006 , 21, 322-336		25
914	Enhanced mass transfer through short-circuit diffusion: Growth of garnet reaction rims at eclogite facies conditions. 2006 , 91, 1024-1038		45
913	Steady-diffusion modelling of a reaction zone between a metamorphosed basic dyke and a marble from Hirao-dai, Fukuoka, Japan. 2006 , 24, 153-168		11
912	Evolution of H ₂ O content in a polymetamorphic terrane: the Plattengneiss Shear Zone (Koralpe, Austria). 2006 , 24, 281-295		28
911	Characterization of polymetamorphism in the Austroalpine basement east of the Tauern Window using garnet isopleth thermobarometry. 2006 , 24, 451-475		122
910	P-T-deformation-Fe ³⁺ /Fe ²⁺ mapping at the thin section scale and comparison with XANES mapping: application to a garnet-bearing metapelite from the Sambagawa metamorphic belt (Japan). 2006 , 24, 669-683		139
909	Mineral activity-composition relations and petrological calculations involving cation equipartition in multisite minerals: a logical inconsistency. 2006 , 24, 061107121521002-???		3
908	Simulation of metamorphism and fluid regime in the mineralized unit of the Pana Massif in relation to its PGE ore mineralization. <i>Geochemistry International</i> , 2006 , 44, 475-484	0.8	3
907	Metasomatic interaction between rock and solution under varying pressure-temperature conditions. <i>Geochemistry International</i> , 2006 , 44, 656-664	0.8	4

906	The enthalpies of formation of natural and synthetic nanotubular chrysotile. 2006 , 80, 1021-1024		3
905	Early metamorphic evolution and exhumation of felsic high-pressure granulites from the north-western Bohemian Massif. 2006 , 86, 177-202		14
904	Mafic and ultramafic xenoliths in San Bartolo lava field: New insights on the ascent and storage of Stromboli magmas. 2006 , 68, 653-670		31
903	Subduction-related P-T path for eclogites and garnet glaucophanites from the Saman Peninsula basement complex, northern Hispaniola. 2006 , 95, 995-1017		19
902	P-T evolution of spinel-gordierite-garnet gneisses from the Sauwald Zone (Southern Bohemian Massif, Upper Austria): is there evidence for two independent late-Variscan low-P/high-T events in the Moldanubian Unit?. 2006 , 95, 1019-1037		21
901	Modelling phase-assemblage diagrams for magnesian metapelites in the system $K_2O-FeO-MgO-Al_2O_3-SiO_2-H_2O$: geodynamic consequences for the Monte Rosa nappe, Western Alps. <i>Contributions To Mineralogy and Petrology</i> , 2006 , 151, 395-412	3.5	22
900	Zr-in-rutile thermometry in blueschists from Sifnos, Greece. <i>Contributions To Mineralogy and Petrology</i> , 2006 , 152, 375-385	3.5	60
899	Modeling the thermodynamic parameters of six endmember garnets at ambient and high pressures from vibrational data. 2006 , 33, 363-376		12
898	Heat capacity of ferrosilite, $Fe_2Si_2O_6$. 2006 , 33, 457-464		10
897	P-T Equations of State and the relative stabilities of serpentine varieties. 2006 , 33, 629-637		42
896	Valid garnet-biotite (GB) geothermometry and garnet-aluminum silicate-plagioclase-quartz (GASP) geobarometry in metapelitic rocks. 2006 , 89, 1-23		55
895	Genesis of aluminous and intermediate granulites: A case study in the eastern Sierras Pampeanas, Argentina. 2006 , 89, 66-88		7
894	High-pressure mineral assemblage in granitic rocks from continental units, Alpine Corsica, France. <i>Geological Journal</i> , 2006 , 41, 49-59	1.7	30
893	Evidence of Magma Mixing in the Daly Gap of Alkaline Suites: a Case Study from the Enclaves of Pantelleria (Italy). <i>Journal of Petrology</i> , 2006 , 47, 1467-1507	3.9	50
892	Monazite-Xenotime Thermochronometry and Al_2SiO_5 Reaction Textures in the Picuris Range, Northern New Mexico, USA: New Evidence for a 1450-1400 Ma Orogenic Event. <i>Journal of Petrology</i> , 2006 , 47, 97-118	3.9	35
891	The Role of Advective Fluid Flow and Diffusion during Localized, Solid-State Dehydration: Södrum Stenhuggeriet, Halmstad, SW Sweden. <i>Journal of Petrology</i> , 2006 , 47, 3-33	3.9	69
890	Very Low-grade Metamorphic Evolution of Pelitic Rocks under High-pressure/Low-temperature Conditions, NW New Caledonia (SW Pacific). <i>Journal of Petrology</i> , 2006 , 47, 991-1015	3.9	46
889	A cold-sealing capsule design for synthesis of fluid inclusions and other hydrothermal experiments in a piston-cylinder apparatus. 2006 , 91, 203-210		13

888	Calorimetric data for naturally occurring magnesiochloritoid and ferroschloritoid. 2006 , 91, 441-445	6
887	The reaction talc + forsterite = enstatite + H ₂ O revisited: Application of conventional and novel experimental techniques and derivation of revised thermodynamic properties. 2006 , 91, 1081-1088	12
886	Development of spatial variations in reaction progress during regional metamorphism of micaceous carbonate rocks, Northern new England. 2006 , 306, 475-524	16
885	Tectono-metamorphic history of the ophiolitic Lento unit (northern Corsica): evidences for the complexity of accretion-exhumation processes in a fossil subduction system. 2007 , 20, 99-118	13
884	Tectonic and metamorphic evolution of the Tamsamani units, External Rif (northern Morocco): implications for the evolution of the Rif and the Betic-Rif arc. 2007 , 164, 829-842	40
883	The albite fusion curve re-examined: New experiments and the high-pressure density and compressibility of high albite and NaAlSi ₃ O ₈ liquid. 2007 , 92, 1573-1585	38
882	P-T Evolution of Eclogites and Blueschists from the Luk Ulo Complex of Central Java, Indonesia. 2007 , 49, 329-356	18
881	Metamorphic-hosted pyrophyllite and dickite occurrences from the hydrous Al-silicate deposits of the malatya-Pfegge region, central eastern Anatolia, Turkey. 2007 , 55, 423-442	14
880	Alteration of spodumene to cookeite and its pressure and temperature stability conditions in Li-bearing aplite-pegmatites from northern Portugal. 2007 , 55, 295-310	13
879	Atomic scale model interfaces between high-k hafnium silicates and silicon. 2007 , 75,	23
878	Ultrahigh-Pressure Mineral Assemblages in Zircons from the Surface to 5158 m Depth in Cores of the Main Drill Hole, Chinese Continental Scientific Drilling Project, Southwestern Sulu Belt, China. 2007 , 49, 454-478	29
877	Controls on the genesis of a high-fluoride thermal spring: Innot Hot Springs, north Queensland *View all notes. 2007 , 54, 597-607	16
876	Along strike variations in metamorphism and deformation of the strata of the Kahiltna basin, south-central Alaska. 2007 , 439-453	8
875	Letter. Thermochemistry and high-pressure equilibria of the post-perovskite phase transition in CaIrO ₃ . 2007 , 92, 229-232	25
874	Polymetamorphic Evolution of the Trans-Hudson Orogen, Baffin Island, Canada: Integration of Petrological, Structural and Geochronological Data. <i>Journal of Petrology</i> , 2007 , 48, 271-302	3-9 46
873	First evidence of a Barrovian-type metamorphic regime in the Ross orogen of the Byrd Glacier area, central Transantarctic Mountains. 2007 , 19, 451-470	13
872	References. 2007 , 11, 411-440	
871	A composite geologic and seismic profile beneath the southern Rio Grande rift, New Mexico, based on xenolith mineralogy, temperature, and pressure. 2007 , 442, 14-48	13

870	The Synthesis and Stability of Some End-Member Amphiboles. 2007 , 67, 261-286	11
869	Goldschmidt Abstracts 2007- K. 2007 , 71, A456-A533	3
868	Solubility of grossular, $\text{Ca}_3\text{Al}_2\text{Si}_3\text{O}_{12}$, in $\text{H}_2\text{O}-\text{NaCl}$ solutions at 800 °C and 10 kbar, and the stability of garnet in the system $\text{CaSiO}_3-\text{Al}_2\text{O}_3-\text{H}_2\text{O}-\text{NaCl}$. 2007 , 71, 5191-5202	35
867	Counterclockwise tectonometamorphic evolution of the Pringles Metamorphic Complex, Sierras Pampeanas of San Luis (Argentina). 2007 , 23, 147-175	29
866	Ultrahigh-temperature mafic granulites from Panrimalai, south India: Constraints from phase equilibria and thermobarometry. 2007 , 29, 41-61	22
865	The density and compressibility of KAlSi_3O_8 liquid to 6.5 GPa. 2007 , 92, 114-123	18
864	The role of volatile transport by diffusion and dispersion in driving biotite-forming reactions during regional metamorphism of the Gile Mountain Formation, Vermont. 2007 , 92, 1288-1302	10
863	Hydrothermal alteration experiments of enstatite: Implications for aqueous alteration of carbonaceous chondrites. 2007 , 42, 49-61	19
862	Reaction Path Modelling of Geological CO_2 Sequestration. 2007 , 11, 319-409	1
861	THE FIELD OF STABILITY OF BLUE JADEITE: A NEW OCCURRENCE OF JADEITITE AT SORKHAN, IRAN, AS A CASE STUDY. 2007 , 45, 1501-1509	29
860	The Graveyard Point Intrusion: an Example of Extreme Differentiation of Snake River Plain Basalt in a Shallow Crustal Pluton. <i>Journal of Petrology</i> , 2007 , 48, 303-325	3.9 19
859	Burial and exhumation in a subduction wedge: Mutual constraints from thermomechanical modeling and natural P-T-t data (Schistes Lustrés, western Alps). 2007 , 112,	132
858	Structural effects of pressure on monoclinic chlorite: A single-crystal study. 2007 , 92, 655-661	23
857	Heat-pulse calorimetry measurements on natural chlorite-group minerals. 2007 , 92, 553-559	11
856	7. The Synthesis and Stability of Some End-Member Amphiboles. 2007 , 261-286	1
855	Eclogites from the Chinese continental scientific drilling borehole, their petrology and different P-T evolutions. 2007 , 16, 508-535	19
854	Progress relating to calculation of partial melting equilibria for metapelites. 2007 , 25, 511-527	814
853	HP/LT metamorphism in the Volparone Breccia (Northern Corsica, France): evidence for involvement of the Europe/Corsica continental margin in the Alpine subduction zone. 2007 , 25, 529-545	26

852	Metamorphic peak conditions of eclogites in the Tauern Window, Eastern Alps, Austria: Thermobarometry of the assemblage garnet + omphacite + phengite + kyanite + quartz. 2007 , 93, 1-16		26
851	Metasomatic silicate chemistry at the Bayan Obo Fe-REE-Nb deposit, Inner Mongolia, China: Contrasting chemistry and evolution of fenitising and mineralising fluids. 2007 , 93, 126-148		51
850	Calorimetric investigation of nanotubular hydrosilicates in the Mg ₃ Si ₂ O ₅ (OH) ₄ -Ni ₃ Si ₂ O ₅ (OH) ₄ system. 2007 , 33, 303-305		4
849	Phase Relations Involving Hydrous Silicate Melts, Aqueous Fluids, and Minerals. 2007 , 65, 129-185		45
848	Low-temperature heat capacities of MgAl ₂ O ₄ and spinels of the MgCr ₂ O ₄ -MgAl ₂ O ₄ solid solution. 2007 , 34, 59-72		19
847	Low-temperature heat capacities, entropies and enthalpies of Mg ₂ SiO ₄ polymorphs, and β and post-spinel phase relations at high pressure. 2007 , 34, 169-183		63
846	Contact metamorphism in the Los Santos W skarn (NW Spain). 2007 , 90, 109-140		6
845	Reaction textures and P-T conditions of Opx-Crd gneisses from Karimnagar, Andhra Pradesh, India. 2007 , 90, 175-197		9
844	U-Pb zircon dating of post-obduction volcanic-arc granitoids and a granulite-facies xenolith from New Caledonia. Inference on Southwest Pacific geodynamic models. 2007 , 96, 613-622		29
843	Preservation of Fe isotope heterogeneities during diagenesis and metamorphism of banded iron formation. <i>Contributions To Mineralogy and Petrology</i> , 2007 , 153, 211-235	3-5	79
842	Deformation-enhanced reaction in experimentally deformed plagioclase-olivine aggregates. <i>Contributions To Mineralogy and Petrology</i> , 2007 , 153, 699-717	3-5	24
841	Thermochemistry of monazite-(La) and dissakisite-(La): implications for monazite and allanite stability in metapelites. <i>Contributions To Mineralogy and Petrology</i> , 2007 , 154, 1-14	3-5	103
840	Diffusion along interphase boundaries and its effect on retrograde zoning patterns of metamorphic minerals. <i>Contributions To Mineralogy and Petrology</i> , 2007 , 154, 205-216	3-5	15
839	Omphacite breakdown reactions and relation to eclogite exhumation rates. <i>Contributions To Mineralogy and Petrology</i> , 2007 , 154, 253-277	3-5	37
838	New thermodynamic models and revised calibrations for the Ti-in-zircon and Zr-in-rutile thermometers. <i>Contributions To Mineralogy and Petrology</i> , 2007 , 154, 429-437	3-5	1241
837	Growth kinetics of enstatite reaction rims studied on nano-scale, Part I: Methodology, microscopic observations and the role of water. <i>Contributions To Mineralogy and Petrology</i> , 2007 , 154, 519-533	3-5	35
836	Domainal fabric development, associated microstructures and P-T records attesting to polymetamorphism in a granulite complex of the Eastern Ghats granulite belt, India. <i>Journal of Earth System Science</i> , 2007 , 116, 21-35	1.8	6
835	The origin of non-porphyrific pyroxene chondrules in UOCs: Liquid solar nebula condensates?. 2007 , 192, 248-286		17

834	A low-temperature calorimetric study of synthetic (forsterite+fayalite) $\{(Mg_2SiO_4+Fe_2SiO_4)\}$ solid solutions: An analysis of vibrational, magnetic, and electronic contributions to the molar heat capacity and entropy of mixing. 2007 , 39, 906-933		48
833	Estimation of a maximum Lu diffusion rate in a natural eclogite garnet. 2008 , 101, 637-650		27
832	THERIA_G: a software program to numerically model prograde garnet growth. <i>Contributions To Mineralogy and Petrology</i> , 2008 , 155, 657-671	3.5	66
831	Low T heat capacity measurements and new entropy data for titanite (sphene): implications for thermobarometry of high-pressure rocks. <i>Contributions To Mineralogy and Petrology</i> , 2008 , 156, 709-720	3.5	11
830	Thermochemistry of sulfide liquids IV: density measurements and the thermodynamics of OâSâBeâNiâCu liquids at low to moderate pressures. <i>Contributions To Mineralogy and Petrology</i> , 2008 , 156, 785-797	3.5	28
829	Water-carbon interaction under the conditions of complete and metastable thermodynamic equilibrium. 2008 , 35, 435-445		
828	Collision metamorphism of precambrian complexes in the Transangarian Yenisei Range. <i>Petrology</i> , 2008 , 16, 136-160	1.2	29
827	Mass transfer and replacement of minerals in the course of infiltration metasomatism. <i>Geochemistry International</i> , 2008 , 46, 775-788	0.8	3
826	Metamorphic reactions related to decompression and synkinematic intrusion of leucogranite, High Himalayan Crystallines, Bhutan. 2008 , 15, 593-612		85
825	Asymmetrically zoned reaction rims: assessment of grain boundary diffusivities and growth rates related to natural diffusion-controlled mineral reactions. 2008 , 26, 99-120		27
824	On thermobarometry. 2008 , 26, 155-179		362
823	Prograde metamorphic sequence of REE minerals in pelitic rocks of the Central Alps: implications for allaniteâmonaziteâxenotime phase relations from 250 to 610 °C. 2008 , 26, 509-526		194
822	Geochronology of high-pressure mafic granulite dykes in SW Sweden: tracking the PâTâP path of metamorphism using Hf isotopes in zircon and baddeleyite. 2008 , 26, 539-560		45
821	Timing of high-pressure metamorphism and exhumation of the eclogite type-locality (KupplerbrunnâBrickler Halt, Saualpe, south-eastern Austria): constraints from correlations of the SmâNd, LuâBf, UâBb and RbâSr isotopic systems. 2008 , 26, 561-581		53
820	The role of heterogeneous strain in the development and preservation of a polymetamorphic record in high-P granulites, western Canadian Shield. 2008 , 26, 669-694		44
819	Formation of clinopyroxene + spinel and amphibole + spinel symplectites in coronitic gabbros from the Sierra de San Luis (Argentina): a key to post-magmatic evolution. 2008 , 26, 759-774		34
818	High-pressure metamorphism in Taiwan: from oceanic subduction to arc-continent collision?. 2008 , 20, 118-125		42
817	Theories and applicability of grain size piezometers: The role of dynamic recrystallization mechanisms. <i>Journal of Structural Geology</i> , 2008 , 30, 899-917	3	110

816	Ultrahigh pressure macro diamonds from Copeton (New South Wales, Australia), based on Raman spectroscopy of inclusions. 2008 , 34, 76-86	20
815	Mineral chemistry of ore and hydrothermal alteration at the Sossego iron oxide-copper-gold deposit, Carajás Mineral Province, Brazil. 2008 , 34, 317-336	67
814	Marble-hosted ruby deposits from Central and Southeast Asia: Towards a new genetic model. 2008 , 34, 169-191	66
813	Permeability and pore-connectivity variation of pumices from a single pyroclastic flow eruption: Implications for partial fragmentation. 2008 , 176, 302-314	23
812	Zeolitization of intracaldera sediments and rhyolitic rocks in the 1.25 Ma lake of Valles caldera, New Mexico, USA. 2008 , 178, 317-330	20
811	The dynamics of intra-oceanic subduction zones: A direct comparison between fossil petrological evidence (Rio San Juan Complex, Dominican Republic) and numerical simulation. 2008 , 103, 106-137	104
810	Metamorphic heterogeneities within a single HP unit: Overprint effect or metamorphic mix?. 2008 , 103, 46-69	46
809	Garnet growth at high- and ultra-high pressure conditions and the effect of element fractionation on mineral modes and composition. 2008 , 103, 309-332	116
808	Pressure-temperature evolution of lawsonite eclogite in Sivrihisar; Tavşanlı-Zone, Turkey. 2008 , 104, 12-32	38
807	Garnet-clinopyroxene and clinopyroxene geothermobarometry of deep mantle and crust eclogites and peridotites. 2008 , 106, 125-136	23
806	Phase relations and dehydration behaviour of psammopelite and mid-ocean ridge basalt at very-low-grade to low-grade metamorphic conditions. <i>European Journal of Mineralogy</i> , 2008 , 20, 867-879 ²⁻²	75
805	Metastability of sillimanite relative to corundum and quartz in the kyanite stability field: Competition between stable and metastable reactions. 2008 , 93, 608-617	15
804	Laser-probe ⁴⁰ Ar/ ³⁹ Ar dating of strain fringes: Mid-Cretaceous synconvergent orogen-parallel extension in the interior of the Sevier orogen. 2008 , 27, n/a-n/a	16
803	Mylonites and ophiolites during the Pan-African orogeny: the case of the Bou-Azzer ophiolite suite (Morocco). 2008 , 297, 233-247	26
802	Dolomitic marbles and associated calc-silicates, Tandilia belt, Argentina: Geothermobarometry, metamorphic evolution, and P-T path. 2008 , 25, 501-525	11
801	Metamorphic evolution of migmatites from the deep Famatinian arc crust exposed in Sierras Valle Fértil, La Huerta, San Juan, Argentina. 2008 , 25, 313-335	50
800	Suya Taco and Sol de Mayo mafic complexes from eastern Sierras Pampeanas, Argentina: Evidence for the emplacement of primitive OIB-like magmas into deep crustal levels at a late stage of the Pampean orogeny. 2008 , 26, 172-187	19
799	Metamorphic history and geodynamic significance of high-grade metabasites from the ophiolitic mélange beneath the Yarlung Zangbo ophiolites, Xigaze area, Tibet. 2008 , 32, 423-437	52

- 798 Gangdese retroarc thrust belt and foreland basin deposits in the Damxung area, southern Tibet. **2008**, 33, 323-336 54
- 797 Groundwater characterisation and modelling of water-rock interaction in an argillaceous formation (Tournemire, France). **2008**, 23, 2182-2197 50
- 796 A model for rutile saturation in silicate melts with applications to eclogite partial melting in subduction zones and mantle plumes. **2008**, 272, 720-729 54
- 795 Thermodynamic modeling of non-ideal mineral-fluid equilibria in the system $\text{SiO}_2\text{-Al}_2\text{O}_3\text{-FeO-MgO-CaO-Na}_2\text{O-K}_2\text{O-H}_2\text{O-Cl}$ at elevated temperatures and pressures: Implications for hydrothermal mass transfer in granitic rocks. **2008**, 72, 526-553 67
- 794 Condensation of major elements during chondrule formation and its implication to the origin of chondrules. **2008**, 72, 1442-1465 41
- 793 Oxygen fugacity in the Martian mantle controlled by carbon: New constraints from the nakhlite MIL 03346. **2008**, 43, 1709-1723 63
- 792 Metamorphism of metasediments at the scale of an orogen: a key to the Tertiary geodynamic evolution of the Alps. **2008**, 298, 393-411 66
- 791 Delineation of isograds in siliceous dolomitic marbles along the Sharbot Lake - Frontenac terrane boundary of the Grenville Province, southeastern Ontario. **2008**, 45, 669-691
- 790 Thermodynamics of Rhombohedral Oxide Solid Solutions and a Revision of the Fe-Ti Two-Oxide Geothermometer and Oxygen-Barometer. **2008**, 308, 957-1039 330
- 789 Probing Stromboli volcano from the mantle to paroxysmal eruptions. **2008**, 304, 33-70 17
- 788 Low-temperature heat capacity of synthetic Fe- and Mg-cordierite: thermodynamic properties and phase relations in the system $\text{FeO-Al}_2\text{O}_3\text{-SiO}_2\text{-(H}_2\text{O)}$. *European Journal of Mineralogy*, **2008**, 20, 47-62 2.2 8
- 787 Raman spectroscopy of CaIrO_3 postperovskite up to 30 GPa. **2008**, 93, 1654-1658 16
- 786 Metamorphic history of HP mafic granulites from the Gesso-Stura Terrain (Argentera Massif, Western Alps, Italy). *European Journal of Mineralogy*, **2008**, 20, 777-790 2.2 23
- 785 Metamorphic rocks in the Antarctic Peninsula region. **2008**, 145, 655-676 18
- 784 Pressure-temperature paths and exhumation of Late Ordovician-Early Silurian blueschists and associated metamorphic nappes of the Salinic Brunswick subduction complex, northern Appalachians. **2008**, 120, 1455-1477 42
- 783 Basalts as Probes of Planetary Interior Redox State. **2008**, 68, 527-553 58
- 782 Aragonite-grossular intergrowths in eclogite-facies marble, Alpine Corsica. *European Journal of Mineralogy*, **2008**, 20, 857-865 2.2 20
- 781 P-T evolution of metapelites from the Guarguaraz Complex, Argentina: evidence for Devonian crustal thickening close to the western Gondwana margin. **2008**, 35, 29

780	12. Geochemical Modeling of Reaction Paths and Geochemical Reaction Networks. 2009 , 533-570		10
779	The Eclogite-facies Allalin Gabbro of the Zermatt-Saas Ophiolite, Western Alps: a Record of Subduction Zone Hydration. <i>Journal of Petrology</i> , 2009 , 50, 1405-1442	3.9	57
778	Zirconolite and calzirtite in banded forsterite-spinel-calcite skarn ejecta from the 1631 eruption of Vesuvius: inferences for magma-wallrock interactions. 2009 , 73, 333-356		11
777	Chloritoid-Bearing Mineral Assemblages in High-Pressure Metapelites from the Bughea Complex, Leaota Massif (South Carpathians). <i>Journal of Petrology</i> , 2009 , 50, 103-125	3.9	18
776	Conditions and Timing of Pumpellyite-Actinolite-facies Metamorphism in the Early Mesozoic Frontal Accretionary Prism of the Madre de Dios Archipelago (Latitude 50°20'S; Southern Chile). <i>Journal of Petrology</i> , 2009 , 50, 2127-2155	3.9	37
775	The Kutná Hora Complex (Moldanubian zone, Bohemian Massif): A composite of crustal and mantle rocks subducted to HP/UHP conditions. 2009 , 109, 193-208		51
774	Counter-clockwise prograde P-T path in collisional orogeny and water subduction at the Precambrian-Cambrian boundary: The ultrahigh-pressure pelitic schist in the Kokchetav massif, northern Kazakhstan. 2009 , 15, 137-150		36
773	Deformation history of the eclogite- and jadeitite-bearing mélange from North Motagua Fault Zone, Guatemala: insights in the processes of a fossil subduction channel. <i>Geological Journal</i> , 2009 , 44, 167-190	1.7	4
772	The activity of silica in kimberlites, revisited. <i>Contributions To Mineralogy and Petrology</i> , 2009 , 158, 283-294	3.4	28
771	Transport properties of high albite crystals, near-endmember feldspar and pyroxene glasses, and their melts to high temperature. <i>Contributions To Mineralogy and Petrology</i> , 2009 , 158, 381-400	3.5	70
770	The role of fluids in the formation of talc deposits of Rema area, Kumaun Lesser Himalaya. <i>Journal of the Geological Society of India</i> , 2009 , 73, 237-248	1.3	4
769	Thermophysical properties of the five polymorphs of Mg ₂ SiO ₄ : a computational study. 2009 , 36, 87-106		40
768	Thermodynamic properties of natural tetraferriphlogopite. <i>Geochemistry International</i> , 2009 , 47, 1137-1140		0
767	Phase-equilibrium constraints on titanite and rutile activities in mafic epidote amphibolites and geobarometry using titanite-rutile equilibria. 2009 , 27, 509-521		30
766	Petrology of coesite-bearing eclogite from Habutengsu Valley, western Tianshan, NW China and its tectonometamorphic implication. 2009 , 27, 773-787		107
765	Effect of metamorphic reactions on thermal evolution in collisional orogens. 2009 , 27, 579-600		19
764	Thermodynamic evaluation and optimization of the (Ca+C+O+S) system. 2009 , 41, 1111-1124		25
763	Excess heat capacity and entropy of mixing in high structural state plagioclase. 2009 , 94, 1153-1161		20

762	Sequence of Early Precambrian metamorphic events in the southern Prince Charles Mts., Eastern Antarctica. <i>Geology of Ore Deposits</i> , 2009 , 51, 723-740	0.7
761	The thermodynamic properties of natural margarite. 2009 , 83, 2204-2207	
760	8.1.5.9 Chlorites and related silicates. 2009 , 10-106	
759	The GRAINS thermodynamic and kinetic code for modeling nebular condensation. 2009 , 33, 317-327	13
758	Dehydration kinetics of talc and 10 T phase: Consequences for subduction zone seismicity. 2009 , 284, 57-64	24
757	Spinelâlivine magnesium isotope thermometry in the mantle and implications for the Mg isotopic composition of Earth. 2009 , 288, 524-533	119
756	In-situ X-ray absorption study of Iron(II) speciation in brines up to supercritical conditions. <i>Chemical Geology</i> , 2009 , 264, 295-310	4.2 94
755	Alkali feldspar dissolution and secondary mineral precipitation in batch systems: 3. Saturation states of product minerals and reaction paths. 2009 , 73, 3171-3200	94
754	Thermodynamic properties of chlorite CCa-2. Heat capacities, heat contents and entropies. 2009 , 73, 4738-4749	32
753	Oxygen and hydrogen isotope fractionation in serpentineâwater and talcâwater systems from 250 to 450 °C, 50 MPa. 2009 , 73, 6789-6804	65
752	Geochemical modelling of a ZnâPb skarn: Constraints from LAâICPâMS analysis of fluid inclusions. 2009 , 102, 13-26	30
751	Kyaniteâillimanite metamorphism of the Precambrian complexes, Transangarian region of the Yenisei Ridge. 2009 , 50, 1034-1051	22
750	Metasomatic zoning of subcratonic lithosphere in Siberia: physicochemical modeling. 2009 , 50, 1107-1118	5
749	High-pressure phase relations and thermodynamic properties of hexagonal aluminous phase and calcium-ferrite phase in the systems NaAlSiO4âMgAl2O4 and CaAl2O4âMgAl2O4. 2009 , 174, 39-49	31
748	High-pressure phase relations and thermodynamic properties of CaAl4Si2O11 CAS phase. 2009 , 173, 1-6	17
747	Modeling petrological geodynamics in the Earth's mantle. <i>Geochemistry, Geophysics, Geosystems</i> , 2009 , 10, n/a-n/a	3.6 29
746	Significance of phyllosilicate mineralogy and mineral chemistry in an epithermal environment. Insights from the palai-islica Au-Cu deposit (Almerâ, SE Spain). 2009 , 57, 1-24	13
745	Metamorphic rates in collisional orogeny from in situ allanite and monazite dating. 2009 , 37, 11-14	105

744	Application of chemical geothermometry to low-temperature trioctahedral chlorites. 2009 , 57, 371-382		115
743	Physics and Chemistry of the Earth's Interior. 2009 ,		
742	Orogenic Processes in the Alpine Collision Zone. 2009 ,		
741	Trace Element Partitioning in HP/HT Metamorphic Assemblages during Subduction-related Metamorphism, Ile de Groix, France: a Detailed LA-ICPMS Study. <i>Journal of Petrology</i> , 2009 , 50, 1107-1148	9	73
740	Formation of high-pressure metabasites in the southern Appalachian Blue Ridge via Taconic continental subduction beneath the Laurentian margin. 2009 , 28, n/a-n/a		9
739	Geochemical Modeling of Reaction Paths and Geochemical Reaction Networks. 2009 , 70, 533-569		28
738	A thermodynamic model for the plagioclase-liquid hygrometer/thermometer. 2009 , 94, 494-506		197
737	Single-ion entropies, $S(\text{ion})(\text{o})$, of solids--a route to standard entropy estimation. 2009 , 48, 7408-12		12
736	Eclogites overprinted in the granulite facies from the Ľmbier Crystalline Complex (Low Tatra Mountains, Western Carpathians). 2009 , 60, 193-204		5
735	INTERSECTING ISOGRADS IN REGIONALLY METAMORPHOSED SILICEOUS DOLOMITIC MARBLE OF THE SHARBOT LAKE DOMAIN, GRENVILLE PROVINCE, SOUTHEASTERN ONTARIO. 2009 , 47, 871-895		
734	A new occurrence of microdiamond-bearing metamorphic rocks, SW Rhodopes, Greece. <i>European Journal of Mineralogy</i> , 2010 , 22, 189-198	2.2	46
733	A deep borehole in the East European platform margin: Petrologic and isotopic-geochronologic data. 2010 , 18, 234-251		
732	Heat capacity and third-law entropy of kaersutite, pargasite, fluoropargasite, tremolite and fluorotremolite. <i>European Journal of Mineralogy</i> , 2010 , 22, 319-331	2.2	8
731	Excess heat capacity and entropy of mixing in the high-structural state (K,Ca)-feldspar binary. 2010 , 37, 209-218		9
730	Hydrous peridotites with Ti-rich chromian spinel as a low-temperature forearc mantle facies: evidence from the Happo-OĀbe metaperidotites (Japan). <i>Contributions To Mineralogy and Petrology</i> , 2010 , 159, 137-157	3.5	51
729	Cordierite as an indicator of thermodynamic conditions of petrogenesis. <i>Contributions To Mineralogy and Petrology</i> , 2010 , 160, 391-406	3.5	5
728	Zr-in-rutile thermometry in HP/UHP eclogites from Western China. <i>Contributions To Mineralogy and Petrology</i> , 2010 , 160, 427-439	3.5	31
727	Thermal expansion of plagioclase feldspars. <i>Contributions To Mineralogy and Petrology</i> , 2010 , 160, 899-908		63

726	Post-kinematic recovery of fractured cordierite in the lower amphibolite facies: the significance of intra-crystal cation diffusion for retrograde partial mineral breakdown. 2010 , 100, 105-125		1
725	Processes controlling aquifer fluid compositions in the Olkaria geothermal system, Kenya. 2010 , 196, 57-76		22
724	Corundum-bearing garnet peridotite from northern Dominican Republic: A metamorphic product of an arc cumulate in the Caribbean subduction zone. 2010 , 114, 437-450		36
723	Chemical model for cement-based materials: Temperature dependence of thermodynamic functions for nanocrystalline and crystalline CaSiO_3 phases. 2010 , 40, 851-866		112
722	Origin and tectonic significance of corundum-kyanite-sapphirine amphibolites from the Variscan French Massif Central. 2010 , 28, 341-360		16
721	Influence of ferric iron on the stability of mineral assemblages. 2010 , 28, 599-613		122
720	Epitaxial quartz inclusions in corundum from a sapphirine-garnet boudin, Bamble Sector, SE Norway: SiO_2 - Al_2O_3 miscibility at high P -dry granulite facies conditions. 2010 , 28, no-no		4
719	Reaction-induced nucleation and growth v. grain coarsening in contact metamorphic, impure carbonates. 2010 , 28, 809-824		8
718	Zeolites in fissures of granites and gneisses of the Central Alps. 2010 , 28, 825-847		35
717	Thermochemical and spectroscopic study of natural lawsonite. <i>Geochemistry International</i> , 2010 , 48, 721-724		724
716	Hydrothermal mineralization in the fields of temperature and pressure gradients. <i>Geochemistry International</i> , 2010 , 48, 1097-1111	0.8	3
715	Thermodynamics of the Earth's Mantle. 2010 , 71, 465-484		16
714	Evolution of nepheline from mafic to highly differentiated members of the alkaline series: the Messum complex, Namibia. 2010 , 74, 415-432		14
713	Very low- and low-grade metamorphism of mafic volcanic rocks of the Mira terrane (Avalonia), southeastern Cape Breton Island, Nova Scotia. 2010 , 46, 95-126		7
712	High-pressure Hydrous Phase Relations of Radiolarian Clay and Implications for the Involvement of Subducted Sediment in Arc Magmatism. <i>Journal of Petrology</i> , 2010 , 51, 2211-2243	3.9	148
711	Ilvaite stability in skarns from the northern contact of the Maladeta batholith, Central Pyrenees (Spain). <i>European Journal of Mineralogy</i> , 2010 , 22, 363-380	2.2	6
710	Phase equilibria in quartzitic garnet-kyanite-chloritoid micaschist from the Eclogite Zone, Tauern Window, Eastern Alps. <i>European Journal of Mineralogy</i> , 2010 , 22, 721-732	2.2	7
709	Petrology of mafic and ultramafic layered rocks from the Jaboncillo Valley, Sierra de Valle Fértil, Argentina: Implications for the evolution of magmas in the lower crust of the Famatinian arc. 2010 , 29, 685-704		18

708	Páíí constraints on the development of the Doi Inthanon metamorphic core complex domain and implications for the evolution of the western gneiss belt, northern Thailand. 2010 , 37, 82-104		37
707	Halogens in water from the crystalline basement of the Gotthard rail base tunnel (central Alps). 2010 , 74, 2581-2595		23
706	Stable calcium isotopic composition of meteorites and rocky planets. 2010 , 289, 457-466		138
705	Theoretical modeling of monazite growth in a low-Ca metapelite. <i>Chemical Geology</i> , 2010 , 273, 111-119	4.2	151
704	Parameterization of the Fe = Mg exchange coefficient (Kd) between clinopyroxene and silicate melts. <i>Chemical Geology</i> , 2010 , 274, 169-176	4.2	35
703	Monaziteâllanite phase relations in metapelites. <i>Chemical Geology</i> , 2010 , 279, 55-62	4.2	136
702	Structural and metamorphic control on the exhumation of high-P granulites: The Carvalhos Klippe example, from the oriental Andrelbdia Nappe System, southern portion of the Braslia Orogen, Brazil. 2010 , 180, 125-142		48
701	Application of LuâHf garnet dating to unravel the relationships between deformation, metamorphism and plutonism: An example from the Prince Rupert area, British Columbia. 2010 , 485, 62-77		9
700	The physicochemical dynamics of evolution of fluid above asthenosphere systems beneath the Siberian Platform. 2010 , 51, 1037-1058		6
699	High oxidation state during formation of Martian nakhlites. 2010 , 45, 21		12
698	Garnet-bearing Granulite Facies Rock Xenoliths from Late Mesozoic Volcaniclastic Breccia, Xinyang, Henan Province. 2010 , 75, 445-451		3
697	Calculation of the CO2 Degassing during Contact Metamorphism and Its Geological Significance: The Model and Example from the Shuanshan Area of the South Tan-Lu Fault Belt. 2010 , 82, 562-576		
696	Free energy of formation of zircon based on solubility measurements at high temperature and pressure. 2010 , 95, 52-58		14
695	Pressure-temperature-deformation-time (P-T-d-t) exhumation history of the Voltri Massif HP complex, Ligurian Alps, Italy. 2010 , 29, n/a-n/a		24
694	Evolution of the Adria-Europe plate boundary in the northern Dinarides: From continent-continent collision to back-arc extension. 2010 , 29, n/a-n/a		91
693	A new thermodynamic analysis of the intergrowth of hedenbergite and magnetite with Ca-Fe-rich olivine. 2011 , 96, 599-608		4
692	The exposed base of a collapsing wedge: The Nestos Shear Zone (Rhodope Metamorphic Province, Greece). 2011 , 30, n/a-n/a		36
691	Mg-rich staurolite and kyanite inclusions in metabasic garnet amphibolite from the Swedish Eastern Segment: evidence for a Mesoproterozoic subduction event. <i>European Journal of Mineralogy</i> , 2011 , 23, 609-631	2.2	7

690	Metamorphic Processes. 2011 , 57-118		
689	Metamorphic Grade. 2011 , 119-187		1
688	8.1.6.3 Feldspars. 2011 , 113-416		1
687	Metamorphic evolution of the Karimnagar granulite terrane, Eastern Dharwar Craton, south India. 2011 , 148, 112-132		20
686	Experimental determination of the solubility product of magnesite at 50 to 200°C. <i>Chemical Geology</i> , 2011 , 286, 21-31	4.2	100
685	Mineralogical and geochemical characteristics of scheelite-bearing skarns, and genetic relations between skarn mineralization and petrogenesis of the associated granitoid pluton at Sargipali, Sundergarh District, Eastern India. 2011 , 108, 39-61		20
684	Roebing Medal Lecture. The three partners of metamorphic petrology. 2011 , 96, 457-469		7
683	Mass flow in serpentinite-hosted subduction channels: Pââ path patterns of metamorphic blocks in the Rio San Juan m^ lunge (Dominican Republic). 2011 , 42, 569-595		75
682	Petrology and SHRIMP Uâb dating of Xitieshan eclogite, North Qaidam UHP metamorphic belt, NW China. 2011 , 42, 752-767		64
681	Metamorphic Pâ evolution of garnetâyaniteâtaurolite schist and garnet amphibolite from Bodonch area, western Mongolian Altai: Geothermobarometry and mineral equilibrium modeling. 2011 , 42, 306-315		12
680	Ongoniteâlvan magmas of the Kalguty ore-magmatic system (Gorny Altai): composition, fluid regime, and genesis. 2011 , 52, 1378-1400		10
679	The Magmatic to Hydrothermal Evolution of the Intrusive Mont Saint-Hilaire Complex: Insights into the Late-stage Evolution of Peralkaline Rocks. <i>Journal of Petrology</i> , 2011 , 52, 2147-2185	3.9	27
678	Metastable corundum + quartz + andalusite association in pelitic granulite from the Kerala Khondalite Belt, southern India. 2011 , 106, 195-203		2
677	Thermodynamics of mantle minerals - II. Phase equilibria. 2011 , 184, 1180-1213		376
676	Initiation and development of the Twelve Mile Bay shear zone: the low viscosity sole of a granulite nappe. 2011 , 29, 167-191		16
675	Metamorphic veining and mass transfer in a chemically closed system: a case study in Alpine metabauxites (western Vanoise). 2011 , 29, 275-300		22
674	Constraints on anthophyllite formation in thermally metamorphosed peridotites from southwestern Japan. 2011 , 29, 385-398		16
673	The Pââ(fluid) evolution of meta-anorthosites in the Eastern Granulites, Tanzania. 2011 , 29, 537-560		9

672	Coexistence of lawsonite-bearing eclogite and blueschist: phase equilibria modelling of Alpine Corsica metabasalts and petrological evolution of subducting slabs. 2011 , 29, 583-600		93
671	Physicochemical simulation of the evolution of small lakes in a cold climate. <i>Geochemistry International</i> , 2011 , 49, 827-837	0.8	4
670	Behavior of Pt and Pd compounds during metamorphism in the easternmost part of the Pana Intrusion, Kola Peninsula. <i>Geochemistry International</i> , 2011 , 49, 1168-1176	0.8	1
669	Effect of temperature on the containment properties of argillaceous rocks: The case study of Callovo-Oxfordian claystones. 2011 , 125, 102-12		29
668	Grainsize evolution in ductile shear zones: Implications for strain localization and the strength of the lithosphere. <i>Journal of Structural Geology</i> , 2011 , 33, 537-550	3	139
667	Formation of paired pelitic and gabbroic migmatites: An empirical investigation of the consistency of geothermometers, geobarometers, and pseudosections. 2011 , 122, 57-75		10
666	Tectonometamorphic evolution of the Saman Complex, northern Hispaniola: Implications for the burial and exhumation of high-pressure rocks in a collisional accretionary wedge. 2011 , 125, 190-210		30
665	Preservation of old (prograde metamorphic) U-Th-Pb ages in unshielded monazite from the high-pressure paragneisses of the Variscan Ulten Zone (Italy). 2011 , 127, 68-85		30
664	Formation of primary kimberlite melts – Constraints from experiments at 6–12 GPa and variable CO ₂ /H ₂ O. 2011 , 127, 401-413		45
663	Calorimetric determination of the enthalpy of formation for pyrophyllite. 2011 , 85, 1492-1494		23
662	The Early Palaeozoic high-grade metamorphism at the active continental margin of West Gondwana in the Andes (NW Argentina/N Chile). 2011 , 100, 445-463		20
661	Mass transfer and porosity evolution during low temperature water-rock interaction in gneisses of the simano nappe: Arvigo, Val Calanca, Swiss Alps. <i>Contributions To Mineralogy and Petrology</i> , 2011 , 162, 61-81	3.5	19
660	The geodynamics of collision of a microplate (Chilenia) in Devonian times deduced by the pressure-temperature-time evolution within part of a collisional belt (Guarguaraz Complex, W-Argentina). <i>Contributions To Mineralogy and Petrology</i> , 2011 , 162, 303-327	3.5	65
659	The evolution of spinel lherzolite xenoliths and the nature of the mantle at Kilbourne Hole, New Mexico. <i>Contributions To Mineralogy and Petrology</i> , 2011 , 162, 1139-1157	3.5	20
658	Thermoelasticity and high-T behaviour of anthophyllite. 2011 , 38, 321-334		10
657	Tremolite-calcite veins in the footwall of the Simplon Fault, Antigorio Valley, Lepontine Alps (Italy). 2011 , 104, 355-365		
656	Thermodynamic modeling of the NiO-BiO ₂ , MgO-NiO, CaO-NiO-BiO ₂ , MgO-NiO-BiO ₂ , CaO-MgO-NiO and CaO-MgO-NiO-BiO ₂ systems. 2011 , 31, 43-59		12
655	Geochemistry, provenance, and metamorphic evolution of Gabal Samra Neoproterozoic metapelites, Sinai, Egypt. 2011 , 59, 269-282		29

- 654 Pressure-temperature evolution and thermal regimes in the Barrovian zones, Scotland. **2011**, 168, 1147-1166 44
- 653 Blueschist-facies metamorphism in the Kaczawa Mountains (Sudetes, SW Poland) of the Central-European Variscides: P-T constraints from a jadeite-bearing metatrachyte. **2011**, 75, 241-263 21
- 652 Formation of Forsterite by Silicification of Dolomite during Contact Metamorphism. *Journal of Petrology*, **2011**, 52, 1619-1640 3.9 25
- 651 Alteration of the Oceanic Lower Crust at a Slow-spreading Axis: Insight from Vein-related Zoned Halos in Olivine Gabbro from Atlantis Massif, Mid-Atlantic Ridge. *Journal of Petrology*, **2011**, 52, 643-664^{3.9} 24
- 650 The Effects of Retrograde Reactions and of Diffusion on $^{40}\text{Ar}/^{39}\text{Ar}$ Ages of Micas. *Journal of Petrology*, **2011**, 52, 691-716 3.9 49
- 649 Neoproterozoic collisional metamorphism in overthrust terranes of the Trans-Angarian Yenisey Ridge, Siberia. **2011**, 53, 802-845 33
- 648 Syntectonic 1.46 Ga magmatism and rapid cooling of a gneiss dome in the southern Mazatzal Province: Burro Mountains, New Mexico. **2011**, 123, 1720-1744 15
- 647 P-T evolution and timing of a late Palaeozoic fore-arc system and its heterogeneous Mesozoic overprint in north-central Chile (latitudes 31°S). **2012**, 149, 177-207 29
- 646 Thermal expansion of alunite up to dehydroxylation and collapse of the crystal structure. **2012**, 76, 613-623 8
- 645 Metamorphism and deformation of the Grand Forks complex: implications for the exhumation history of the Shuswap core complex, southern British Columbia. **2012**, 49, 1329-1363 8
- 644 Exsolution of Garnet and Clinopyroxene from High-Al Pyroxenes in Xugou Peridotite, Eastern China. *Journal of Petrology*, **2012**, 53, 1477-1504 3.9 14
- 643 Modeling of Thermal Effect of Chemical Reactions in Heap Bioleaching of Chalcopyrite. **2012**, 455-456, 1009-1012
- 642 Decompression during Late Proterozoic Al_2SiO_5 Triple-Point Metamorphism at Cerro Colorado, New Mexico. **2012**, 120, 385-404 6
- 641 Experimental Study of the Stability and Phase Relations of Clays at High Temperature in a Thermal Gradient. **2012**, 60, 200-225 14
- 640 Almandine: Lattice and non-lattice heat capacity behavior and standard thermodynamic properties. **2012**, 97, 1771-1782 14
- 639 Tectonic interpretation of metamorphic tectonites: integrating compositional mapping, microstructural analysis and in situ monazite dating. **2012**, 30, 739-752 42
- 638 The Habutengsu metapelites and metagreywackes in western Tianshan, China: metamorphic evolution and tectonic implications. **2012**, 30, 907-926 48
- 637 Methods for Estimation of Uncertainties in Geothermobarometry. **2012**, 515-526 1

636	GEM-SELEKTOR GEOCHEMICAL MODELING PACKAGE: TSolMod LIBRARY AND DATA INTERFACE FOR MULTICOMPONENT PHASE MODELS. 2012 , 50, 1173-1195		268
635	Ultrahigh-temperature metamorphism from an unusual corundum+orthopyroxene intergrowth bearing Al-Mg granulite from the Southern Marginal Zone, Limpopo Complex, South Africa. <i>Contributions To Mineralogy and Petrology</i> , 2012 , 164, 457-475	3.5	26
634	Coexisting serpentine and quartz from carbonate-bearing serpentinized peridotite in the Samail Ophiolite, Oman. <i>Contributions To Mineralogy and Petrology</i> , 2012 , 164, 821-837	3.5	60
633	A thermodynamic model for the prediction of pore water composition of clayey rock at 25 and 80°C – Comparison with results from hydrothermal alteration experiments. <i>Chemical Geology</i> , 2012 , 334, 62-76	4.2	21
632	Tectonometamorphic evolution of the Garevka polymetamorphic complex (Yenisei Ridge). 2012 , 53, 1133-1149		35
631	Grossular: A crystal-chemical, calorimetric, and thermodynamic study. 2012 , 97, 1299-1313		15
630	Petrological geodynamic modeling of mid-ocean ridges. 2012 , 190-191, 51-70		8
629	Mafic and pelitic xenoliths in the Kinnaur Kailash Granite, Baspa river valley, NW Himalaya: Evidence of pre-Himalayan granulite metamorphism followed by cooling event. 2012 , 56, 105-117		5
628	Timing of low-temperature mineral formation during exhumation and cooling in the Central Alps, Switzerland. 2012 , 327-328, 1-8		17
627	Reaction-driven cracking during retrograde metamorphism: Olivine hydration and carbonation. 2012 , 345-348, 81-89		130
626	Cosmochemical consequences of particle trajectories during FU Orionis outbursts by the early Sun. 2012 , 345-348, 18-26		23
625	Subseafloor phase equilibria in high-temperature hydrothermal fluids of the Lucky Strike Seamount (Mid-Atlantic Ridge, 37°17'N). 2012 , 90, 303-322		48
624	Thermodynamics of the magnetite-ulvöspinel (Fe ₃ O ₄ -Fe ₂ TiO ₄) solid solution. 2012 , 97, 1330-1338		36
623	Oxide melt solution calorimetry of Fe ²⁺ -bearing oxides and application to the magnetite-haemite (Fe ₃ O ₄ -Fe ₈ /3O ₄) system. 2012 , 97, 164-175		22
622	Anorogenic plateau formation: The importance of density changes in the lithosphere. 2012 , 117, n/a-n/a		7
621	Thermal-elastic stresses and the criticality of the continental crust. <i>Geochemistry, Geophysics, Geosystems</i> , 2012 , 13,	3.6	13
620	Paleoproterozoic tectonic evolution of the Trans-North China Orogen: Toward a comprehensive model. 2012 , 222-223, 191-211		165
619	Mineralogy, geochemistry and petrology of the phonolitic to nephelinitic Sadiman volcano, Crater Highlands, Tanzania. 2012 , 152, 66-83		26

618	A revised diamond-graphite transition curve. 2012 , 97, 52-62		141
617	Heat Capacity of Compounds in the CaO-SiO ₂ System—A Review. 2012 , 33, 261-275		11
616	New thermoelastic parameters of natural C ₂ /c omphacite. 2012 , 39, 295-304		9
615	Timing of high-pressure metamorphic events in the Bulgarian Rhodopes from Lu-Hf garnet geochronology. <i>Contributions To Mineralogy and Petrology</i> , 2012 , 163, 897-921	3.5	44
614	High-T behaviour of gedrite: thermoelasticity, cation ordering and dehydrogenation. <i>Contributions To Mineralogy and Petrology</i> , 2012 , 163, 923-937	3.5	13
613	Formation of chlorite during thrust fault reactivation. Record of fluid origin and P-T conditions in the Monte Perdido thrust fault (southern Pyrenees). <i>Contributions To Mineralogy and Petrology</i> , 2012 , 163, 1083-1102	3.5	30
612	The effects of solid solution and diffusion on infiltration-driven metamorphism with application to metaperidotite, Val d'Afra, Central Swiss Alps. <i>Contributions To Mineralogy and Petrology</i> , 2012 , 164, 157-175	3.5	3
611	Pressure-temperature evolution of eclogites from the Kechros complex in the Eastern Rhodope (NE Greece). 2012 , 101, 973-996		16
610	How continuous and precise is the record of P-T paths? Insights from combined thermobarometry and thermodynamic modelling into subduction dynamics (Schistes Lustrés, W. Alps). 2012 , 30, 323-346		54
609	The thermal structure of continental crust in active orogens: insight from Miocene eclogite and granulite xenoliths of the Pamir Mountains. 2012 , 30, 413-434		32
608	A polyphase metamorphic evolution for the Xitieshan paragneiss of the north Qaidam UHP metamorphic belt, western China: In-situ EMP monazite- and U-Pb zircon SHRIMP dating. 2012 , 136-139, 27-45		51
607	Formation of metamorphic and metamorphosed garnets in the low-T/UHP metagranite during continental collision in the Dabie orogen. 2012 , 136-139, 73-92		18
606	Physicochemical crystallization conditions of Al-F sphene in metasomatic rocks with ore mineralization at the Berezitovoe Deposit. <i>Geochemistry International</i> , 2012 , 50, 409-424	0.8	2
605	Physicochemical interaction in the system Si-Al-Ti-Ca-Mg-Fe-Na-K-O with the consideration of the formation of solid solutions. 2012 , 57, 854-857		15
604	Aluminum-fluorine sphene (Titanite) as an indicator of fluorine fluid. 2012 , 442, 126-129		2
603	Thermal expansion and high temperature structure evolution of zoisite by single-crystal X-ray and neutron diffraction. 2012 , 39, 27-45		7
602	Prediction of plagioclase-melt equilibria in anhydrous silicate melts at 1-atm. <i>Contributions To Mineralogy and Petrology</i> , 2012 , 163, 133-150	3.5	49
601	Metamorphic history of glaucophane-paragonite-zoisite eclogites from the Shanderman area, northern Iran. 2013 , 31, 791-812		27

600	A geochronological and petrological study of anatectic paragneiss and associated granite dykes from the Day Nui Con Voi metamorphic core complex, North Vietnam: constraints on the timing of metamorphism within the Red River shear zone. 2013 , 31, 359-387		63
599	Thermodynamic properties of Au ¹⁹⁷ Hg binary solid solution. 2013 , 566, 175-180		10
598	Integrated pressure-temperature-time constraints for the Tso Moriri dome (Northwest India): implications for the burial and exhumation path of UHP units in the western Himalaya. 2013 , 31, 469-504		97
597	Insights into the P-T evolution path of Tso Moriri eclogites of the north-western Himalayas: Constraints on the geodynamic evolution of the region. <i>Journal of Earth System Science</i> , 2013 , 122, 677-698	1.8	10
596	The Sabzevar blueschists of the North-Central Iranian micro-continent as remnants of the Neotethys-related oceanic crust subduction. 2013 , 102, 1491-1512		30
595	Constructing the Pressure-Temperature Path of Ultrahigh-Pressure Rocks. 2013 , 9, 267-272		31
594	Reconstruction of the Early Ordovician Famatinian arc through thermobarometry in lower and middle crustal exposures, Sierra de Valle Fértil, Argentina. 2013 , 589, 151-166		32
593	The Supply of Heat to Mid-Ocean Ridges by Crystallization and Cooling of Mantle Melts. 2013 , 45-73		3
592	Thermodynamic properties of Ag ¹⁰⁹ Au ¹⁹⁷ Hg solid solutions. 2013 , 572, 65-70		10
591	Dielectric properties of water under extreme conditions and transport of carbonates in the deep Earth. 2013 , 110, 6646-50		124
590	Some Hard Rock Constraints on the Supply of Heat to Mid-Ocean Ridges. 2013 , 111-149		16
589	Geochemistry and P-T evolution of the Abu-Barqa Metamorphic Suite, SW Jordan, and implications for the tectonics of the northern Arabian-Nubian Shield. 2013 , 239, 56-78		23
588	Re-evaluation of Infiltration-driven Regional Metamorphism in Northern New England: New Transport Models with Solid Solution and Cross-layer Equilibration of Fluid Composition. <i>Journal of Petrology</i> , 2013 , 54, 2455-2485	3.9	12
587	The Temperature and Pressure Dependence of Nickel Partitioning between Olivine and Silicate Melt. <i>Journal of Petrology</i> , 2013 , 54, 2521-2545	3.9	98
586	High-T, Low-P Formation of Rare Olivine-bearing Symplectites in Variscan Eclogite. <i>Journal of Petrology</i> , 2013 , 54, 1375-1398	3.9	17
585	New Thermodynamic Models and Calculated Phase Equilibria in NCFMAS for Basic and Ultrabasic Compositions through the Transition Zone into the Uppermost Lower Mantle. <i>Journal of Petrology</i> , 2013 , 54, 1901-1920	3.9	47
584	THERIAK_D: An add-on to implement equilibrium computations in geodynamic models. <i>Geochemistry, Geophysics, Geosystems</i> , 2013 , 14, 4962-4967	3.6	10
583	Thermodynamic model for partial melting of peridotite by system energy minimization. <i>Geochemistry, Geophysics, Geosystems</i> , 2013 , 14, 342-366	3.6	10

582	Thermodynamic investigation of the $\text{CaO-Al}_2\text{O}_3\text{-SiO}_2$ system at high P and T through polymer chemistry and convex-hull techniques. <i>Chemical Geology</i> , 2013 , 346, 81-92	4.2	28
581	Physicochemical model of the formation of Satka sparry magnesite deposits. 2013 , 452, 1020-1022		2
580	The deep geothermal potential of the Berlin area. 2013 , 70, 3567-3584		11
579	Neotethys closure history of Anatolia: insights from $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology and P estimation in high-pressure metasedimentary rocks. 2013 , 31, 585-606		79
578	Formation of nitrogen-rich hot springs: Modeling physicochemical interactions in a water-granite system. <i>Geochemistry International</i> , 2013 , 51, 981-993	0.8	3
577	The Varberg-Torpa Charnockite-Granite Association, SW Sweden: Mineralogy, Petrology, and Fluid Inclusion Chemistry. <i>Journal of Petrology</i> , 2013 , 54, 3-40	3.9	29
576	A method for estimating the activity of titania in magmatic liquids from the compositions of coexisting rhombohedral and cubic iron-titanium oxides. <i>Contributions To Mineralogy and Petrology</i> , 2013 , 165, 73-81	3.5	94
575	Heat capacity and entropy of low structural state plagioclases. 2013 , 40, 167-173		8
574	Garnet zonation in metapelitic schists from the Eclogite Zone, Tauern Window, Austria: comparison of observed and calculated profiles. <i>European Journal of Mineralogy</i> , 2013 , 25, 615-629	2.2	6
573	Rheological evolution of a Mediterranean subduction complex. <i>Journal of Structural Geology</i> , 2013 , 54, 136-155	3	47
572	Petrogeochemistry of listvenite association in metaophiolites of Sahlabad region, eastern Iran: Implications for possible epigenetic Cu-Au ore exploration in metaophiolites. 2013 , 156-159, 186-203		15
571	Metamorphism of the northern Liaoning Complex: Implications for the tectonic evolution of Neoproterozoic basement of the Eastern Block, North China Craton. 2013 , 4, 305-320		43
570	P evolution of meta-peridotite in the Penjwin ophiolite, northeastern Iraq. <i>Arabian Journal of Geosciences</i> , 2013 , 6, 505-518	1.8	5
569	An activity model for phase equilibria in the $\text{H}_2\text{O-CO}_2\text{-NaCl}$ system. 2013 , 110, 229-252		36
568	Contrasting exhumation P paths followed by high-P rocks in the northern Caribbean subduction-accretionary complex: Insights from the structural geology, microtextures and equilibrium assemblage diagrams. 2013 , 160-161, 117-144		23
567	Serpentine in active subduction zones. 2013 , 178, 171-185		142
566	An experimental study of Ti and Zr partitioning among zircon, rutile, and granitic melt. <i>Contributions To Mineralogy and Petrology</i> , 2013 , 166, 235-253	3.5	16
565	Thermodynamic modeling of the $(\text{Al}_2\text{O}_3+\text{Na}_2\text{O})$, $(\text{Al}_2\text{O}_3+\text{Na}_2\text{O}+\text{SiO}_2)$, and $(\text{Al}_2\text{O}_3+\text{Na}_2\text{O}+\text{AlF}_3+\text{NaF})$ systems. 2013 , 57, 306-334		20

564	Chemical Reaction Equilibrium Behaviors of an Oxy-Thermal Carbide Furnace Reaction System. 2013 , 52, 17773-17780		4
563	The extremely reduced silicate-bearing iron meteorite Northwest Africa 6583: Implications on the variety of the impact melt rocks of the IAB-complex parent body. 2013 , 48, 2451-2468		4
562	Fluid-induced mineral composition adjustments during exhumation: the case of Alpine stilbite. <i>Contributions To Mineralogy and Petrology</i> , 2013 , 166, 1489-1503	3.5	5
561	Very Low- to Low-grade Metamorphic Processes Related to the Collisional Assembly of Avalonia in SE Cape Breton Island (Nova Scotia, Canada). <i>Journal of Petrology</i> , 2013 , 54, 1849-1874	3.9	10
560	Greenstone Metamorphism, Hydrothermal Alteration, and Gold Mineralization in the Genetic Context of the Granodiorite-Hosted Gold Deposit at Jonnagiri, Eastern Dharwar Craton, India. 2013 , 108, 1015-1036		20
559	Melting of Al_2O_3 and vitrification of the undercooled alumina liquid: ab initio vibrational calculations and their thermodynamic implications. 2013 , 138, 064507		16
558	Formation of a Compositionally Reverse Zoned Magma Chamber: Petrology of the ad 1640 and 1694 Eruptions of Hokkaido-Komagatake Volcano, Japan. <i>Journal of Petrology</i> , 2013 , 54, 815-838	3.9	10
557	Formation of the world's largest REE deposit through protracted fluxing of carbonatite by subduction-derived fluids. <i>Scientific Reports</i> , 2013 , 3,	4.9	86
556	SHRIMP ZIRCON AGES AND PETROLOGY OF LOWER CRUSTAL GRANULITE XENOLITHS FROM THE LETSENG-LA-TERAE KIMBERLITE, LESOTHO: FURTHER EVIDENCE FOR A NAMAQUA-NATAL CONNECTION. 2013 , 116, 183-198		5
555	The Chemistry of Carbon in Aqueous Fluids at Crustal and Upper-Mantle Conditions: Experimental and Theoretical Constraints. 2013 , 75, 109-148		84
554	Static disorders of atoms and experimental determination of Debye temperature in pyrope: Low- and high-temperature single-crystal X-ray diffraction study. Discussion. 2013 , 98, 780-782		4
553	Deciphering high-pressure metamorphism in collisional context using microprobe mapping methods: Application to the Stak eclogitic massif (northwest Himalaya). 2013 , 41, 111-114		73
552	Timing and conditions of poly-phase metamorphism within the Twelve Mile Bay shear zone: implications for the evolution of mid-crustal decollement zones and western Grenville tectonics. 2013 , 55, 525-547		6
551	Thermodynamic Properties of Minerals. 2013 , 18-28		30
550	Phase Diagrams of Earth-Forming Minerals. 2013 , 248-268		48
549	Chemistry of Atmosphere-Surface Interaction on Venus and Mars. 2013 , 7-71		17
548	Effect of Sediments on Aqueous Silica Transport in Subduction Zones. 2013 , 277-284		7
547	5. The Chemistry of Carbon in Aqueous Fluids at Crustal and Upper-Mantle Conditions: Experimental and Theoretical Constraints. 2013 , 109-148		5

546	Multiple Metamorphic Stages within an Eclogite-facies Terrane (Sesia Zone, Western Alps) Revealed by Th-U-Pb Petrochronology. <i>Journal of Petrology</i> , 2014 , 55, 1429-1456	3.9	55
545	In-situ high-temperature emissivity spectra and thermal expansion of C2/c pyroxenes: Implications for the surface of Mercury. 2014 , 99, 786-792		13
544	Ab initio thermodynamic and thermophysical properties of sapphirine end-members in the join Mg ₄ Al ₈ Si ₂ O ₂₀ -Mg ₃ Al ₁₀ SiO ₂₀ . 2014 , 99, 1449-1461		16
543	Use of two new Na/Li geothermometric relationships for geothermal fluids in volcanic environments. <i>Chemical Geology</i> , 2014 , 389, 60-81	4.2	33
542	Cold subduction of the Neotethys: the metamorphic record from finely banded lawsonite and epidote blueschists and associated metabasalts of the Nagaland Ophiolite Complex, India. 2014 , 32, 829-860		35
541	Origin of Basalts in a Hot Subduction Setting: Petrological and Geochemical Insights from Mt. Baker, Northern Cascade Arc. <i>Journal of Petrology</i> , 2014 , 55, 241-281	3.9	22
540	Crustal attenuation as a tracer for the emplacement of the Beni Bousera ultramafic massif (Betico-Rifean belt). 2014 , 126, 1614-1624		14
539	THE ROLE OF CARBON IN EXTRASOLAR PLANETARY GEODYNAMICS AND HABITABILITY. 2014 , 793, 124		43
538	Multistage growth of Fe-Mg garnet and Fe-Mg chloritoid, from field evidence to thermodynamic modelling. <i>Contributions To Mineralogy and Petrology</i> , 2014 , 168, 1	3.5	25
537	Geology, geochemistry and emplacement conditions of the Vega intrusive complex: an example of large-scale crustal anatexis in north-central Norway. 2014 , 390, 603-631		4
536	Crystal Storage and Transfer in Basaltic Systems: the Skuggafjall Eruption, Iceland. <i>Journal of Petrology</i> , 2014 , 55, 2311-2346	3.9	45
535	Variable P-T paths and HP-UHP metamorphism in a Precambrian terrane, Gridino, Russia: Petrological evidence and geodynamic implications. 2014 , 25, 614-629		29
534	Internal consistency in aqueous geochemical data revisited: Applications to the aluminum system. 2014 , 133, 216-234		28
533	Thermodynamic mixing properties and behavior of almandine-grossular solid solutions. 2014 , 125, 210-224		9
532	Water in the deep Earth: The dielectric constant and the solubilities of quartz and corundum to 60kb and 1200°C. 2014 , 129, 125-145		155
531	The Ianapera-Ampanihy Suture, SW Madagascar: A major tectonic boundary on the eastern margin of the Mozambique belt. 2014 , 94, 31-44		6
530	New insights into the processes controlling compositional zoning in plagioclase. 2014 , 200-201, 80-93		35
529	An experimental study on the influence of fluorine and chlorine on phase relations in peralkaline phonolitic melts. <i>Contributions To Mineralogy and Petrology</i> , 2014 , 167, 1	3.5	24

528	A thermodynamic model for di-trioctahedral chlorite from experimental and natural data in the system $MgO\text{-}FeO\text{-}Al_2O_3\text{-}SiO_2\text{-}H_2O$: applications to P-T sections and geothermometry. <i>Contributions To Mineralogy and Petrology</i> , 2014 , 167, 1	3.5	105
527	The effect of water activity on calculated phase equilibria and garnet isopleth thermobarometry of granulites, with particular reference to Tongbai (east-central China). <i>European Journal of Mineralogy</i> , 2014 , 26, 5-23	2.2	3
526	Thermobarometry-Calibration of spectroscopic barometers and thermometers for mineral inclusions. 2014 , 388, 187-196		79
525	Burial and exhumation during Archean sagduction in the East Pilbara Granite-Greenstone Terrane. 2014 , 396, 235-251		87
524	High-grade localized metasomatic alteration of the granitic gneiss surrounding a clinopyroxene-rich pegmatoid dyke: Södram stenhuggeriet, Halmstad, SW Sweden. 2014 , 32, 389-416		3
523	Mineral chemical constraints on the petrogenesis of mafic and intermediate volcanic rocks from the Erciyes and Hasandağ volcanoes, Central Turkey. 2014 , 74, 585-600		6
522	Matrix-dependent garnet growth in polymetamorphic rocks of the Sesia zone, Italian Alps. 2014 , 32, 3-24		19
521	Combined thermodynamic-geochemical modeling in metamorphic geology: Boron as tracer of fluid-rock interaction. 2014 , 208-209, 393-414		54
520	Important role for organic carbon in subduction-zone fluids in the deep carbon cycle. 2014 , 7, 909-913		95
519	Fluid-assisted interaction of peraluminous metapelites with trondhjemitic magma within the Petronella shear-zone, Limpopo Complex, South Africa. 2014 , 253, 114-145		17
518	Garnet-forming reactions in felsic orthogneiss: Implications for densification and strengthening of the lower continental crust. 2014 , 405, 207-219		32
517	Reaction rind formation in the Catalina Schist: Deciphering a history of mechanical mixing and metasomatic alteration. <i>Chemical Geology</i> , 2014 , 384, 47-61	4.2	24
516	Thermodynamic mixing properties and behavior of grossular-spessartine, $(Ca_{x}Mn_{1-x})_3Al_2Si_3O_{12}$, solid solutions. 2014 , 141, 294-302		5
515	The Orekhov-Pavlograd Zone, Ukrainian Shield: Milestones of its evolutionary history and constraints for tectonic models. 2014 , 252, 71-87		10
514	Relative impact of mantle densification and eclogitization of slabs on subduction dynamics: A numerical thermodynamic/thermokinematic investigation of metamorphic density evolution. 2014 , 637, 20-29		28
513	New finding of sillmanite in sapphirine-bearing granulites from Pedapalli, NE part of the Eastern Dharwar Craton, India. <i>Journal of the Geological Society of India</i> , 2014 , 84, 29-34	1.3	6
512	Sub-micron-scale trace-element distributions in natural zircons of known provenance: implications for Ti-in-zircon thermometry. <i>Contributions To Mineralogy and Petrology</i> , 2014 , 168, 1	3.5	31
511	Experimental investigation of condensation predictions for dust-enriched systems. 2014 , 142, 27-38		7

510	Thermoelastic behavior and dehydration process of cancrinite. 2014 , 41, 373-386		15
509	Eclogite-like apogabbro rocks in Sidorov and Bolshaya Ileika islands, Keret Archipelago, White Sea: Compositional characteristics, metamorphic age and conditions. <i>Petrology</i> , 2014 , 22, 234-254	1.2	11
508	Geochemical Zoning in Metamorphic Minerals. 2014 , 249-280		16
507	Modeling Low-Temperature Geochemical Processes. 2014 , 27-68		16
506	The contribution of metamorphic petrology to understanding lithosphere evolution and geodynamics. 2014 , 5, 553-569		175
505	Localized, solid-state dehydration associated with the Varberg charnockite intrusion, SW Sweden. 2014 , 253, 50-62		10
504	The Bamble Sector, South Norway: A review. 2014 , 5, 635-658		22
503	Alkali control of high-grade metamorphism and granitization. 2014 , 5, 711-727		21
502	Pâ constraints on the metamorphic evolution of the Transangarian Yenisei Ridge: geodynamic and petrological implications. 2014 , 55, 299-322		33
501	In situ Raman study and thermodynamic model of aqueous carbonate speciation in equilibrium with aragonite under subduction zone conditions. 2014 , 132, 375-390		84
500	Carbonated sedimentâperidotite interaction and melting at 7.5â2 GPa. 2014 , 200-201, 368-385		26
499	Thermodynamic calculations of the polybaric melting phase relations of spinel lherzolite. <i>Geochemistry, Geophysics, Geosystems</i> , 2014 , 15, 5015-5033	3.6	8
498	Geology and geochemistry of Yakhab Granodiorite, Yazd Province, East Central Iran. 2014 , 273, 277-297		
497	An eclogite-bearing continental tectonic slice in the ZermattâSaas high-pressure ophiolites at Trockener Steg (Zermatt, Swiss Western Alps). 2015 , 232, 336-359		20
496	LP/HT metamorphism as a temporal marker of change of deformation style within the Late Palaeozoic accretionary wedge of central Chile. 2015 , 33, 1003-1024		6
495	Micro-Raman mapping of the polymorphs of serpentine. 2015 , 46, 953-958		67
494	The Structure and Thermochemistry of Three Fe-Mg Chlorites. 2015 , 63, 351-367		4
493	References. 2015 , 441-484		

492	Applications and limitations of thermobarometry in migmatites and granulites using as an example rocks of the Araçuaí Orogen in southern Bahia, including a discussion on the tectonic meaning of the current results. 2015 , 45, 517-539		14
491	Fluid Thermodynamics. 2015 , 171-230		1
490	Hallandian 1.45 Ga high-temperature metamorphism in Baltica: P-T evolution and SIMS U-Pb zircon ages of aluminous gneisses, SW Sweden. 2015 , 265, 10-39		30
489	Rheology of two-phase systems: A microphysical and observational approach. <i>Journal of Structural Geology</i> , 2015 , 77, 213-227	3	47
488	P-T paths and modeling the evolution of metapelitic mineral assemblages in the MnNCKFMASH system: A case of Northern Ladoga area. <i>Geology of Ore Deposits</i> , 2015 , 57, 699-711	0.7	2
487	Effect of the sources and evolution of solutions on the composition of metasomatites. <i>Geochemistry International</i> , 2015 , 53, 133-149	0.8	2
486	Combined U-Pb, Lu-Hf, Sm-Nd and Ar-Ar multichronometric dating on the Bailang eclogite constrains the closure timing of the Paleo-Tethys Ocean in the Lhasa terrane, Tibet. 2015 , 28, 1482-1499		57
485	Accretion, underplating and exhumation along a subduction interface: From subduction initiation to continental subduction (Tavşanlı zone, W. Turkey). 2015 , 226, 233-254		62
484	Fluid-mediated alteration of eclogite lenses in subduction complexes: a case from the Leaota Massif (South Carpathians). 2015 , 410, 19-58		2
483	Revisiting the last major eruptions at Stromboli volcano: inferences on the role of volatiles during magma storage and decompression. 2015 , 410, 143-177		5
482	Volume thermal expansion along the jadeite-diopside join. 2015 , 42, 1-14		22
481	Modeling the exhumation path of partially melted ultrahigh-pressure metapelites, North-East Greenland Caledonides. 2015 , 226, 131-146		11
480	Evolution and Eruption Processes of a Highly Porphyritic Silicic Magma System: Petrology of the Historical Eruptive Stage of Hokkaido-Komagatake Volcano, Japan. <i>Journal of Petrology</i> , 2015 , 56, 1089-1112	3.9	3
479	Age determination of nephrite by in-situ SIMS U-Pb dating syngenetic titanite: A case study of the nephrite deposit from Luanchuan, Henan, China. 2015 , 220-223, 289-299		24
478	Neoproterozoic arc magmatism followed by high-temperature, high-pressure metamorphism in the Nilgiri Block, southern India. 2015 , 662, 109-124		20
477	On ultrahigh temperature crustal metamorphism: Phase equilibria, trace element thermometry, bulk composition, heat sources, timescales and tectonic settings. 2015 , 6, 311-356		251
476	Thermal expansion behaviour of orthopyroxenes: the role of the Fe-Mn substitution. 2015 , 79, 71-87		6
475	Geochemistry of the eclogites of the Maksyutov Complex, South Urals, and genetic nature of their protoliths. <i>Geochemistry International</i> , 2015 , 53, 285-311	0.8	2

474	Thermodynamic properties of platinum chloride complexes in aqueous solutions: Derivation of consistent parameters from literature data and experiments on Pt(cr) solubility at 400–75°C and 1 kbar. <i>Geochemistry International</i> , 2015 , 53, 327-340	0.8	10
473	Petrology of metapelites in the Bugaboo aureole, British Columbia, Canada. 2015 , 33, 437-462		20
472	Dating the initiation of Piemonte-Liguria Ocean subduction: Lu–Hf garnet chronometry of eclogites from the Theodul Glacier Unit (Zermatt-Saas zone, Switzerland). 2015 , 108, 183-199		22
471	Chemical Thermodynamics and the Study of Magmas. 2015 , 143-161		6
470	Investigating Petrologic Indicators of Magmatic Processes in Volcanic Rocks. Pre-eruptive magma mixing and crystal transfer revealed by phenocryst and microlite compositions in basaltic andesite from the 2008 eruption of Kasatochi Island volcano. 2015 , 100, 722-737		9
469	The fall and rise of metamorphic zircon. 2015 , 100, 897-908		183
468	Gold deposition caused by carbonation of biotite during late-stage fluid flow. 2015 , 239, 114-127		16
467	Origin of Listwanite in the Luobusa Ophiolite, Tibet, Implications for Chromite Stability in Hydrothermal Systems. 2015 , 89, 402-417		6
466	Oxygen potential of the Eletzero magmatic system as a criterion of the ore potential for titanomagnetite–menite raw material. 2015 , 463, 680-683		4
465	P–T constraints on polymetamorphic complexes of the Yenisey Ridge, East Siberia: Implications for Neoproterozoic paleocontinental reconstructions. 2015 , 113, 391-410		45
464	An updated calibration of the plagioclase-liquid hygrometer-thermometer applicable to basalts through rhyolites. 2015 , 100, 2172-2184		154
463	Diamond thermoelastic properties and implications for determining the pressure of formation of diamond inclusions systems. 2015 , 56, 211-220		41
462	Garnet-sillimanite bearing gneisses from Darjeeling, eastern Himalaya: Textural relationship and P–T conditions. <i>Journal of Earth System Science</i> , 2015 , 124, 1187-1199	1.8	3
461	Standard-state thermodynamic properties of annite, $KFe_3[(OH)_2AlSi_3O_{10}]$, based on new calorimetric measurements. <i>European Journal of Mineralogy</i> , 2015 , 27, 603-616	2.2	5
460	Granulite-facies metamorphic events in the northwestern Ubendian Belt of Tanzania: Implications for the Neoproterozoic to Paleoproterozoic crustal evolution. 2015 , 256, 31-47		27
459	Structural and rheological evolution of the Laramide subduction channel in southern California. 2016 ,		
458	In situ Synchrotron X-ray Thermodiffraction of Boranes. 2016 , 6, 16		7
457	Differential Evolution of High-Pressure and Ultrahigh-Pressure Metapelites from Habutengsu, Chinese Western Tianshan: Phase Equilibria Modelling and $^{40}Ar/^{39}Ar$ Geochronology. 2016 , 90, 628-640		10

456	Shooting at a moving target: phase equilibria modelling of high-temperature metamorphism. 2016 , 34, 209-235		72
455	Evidence for H ₂ O-bearing fluids in the lower mantle from diamond inclusion. 2016 , 265, 237-243		45
454	A review of thermal history and timescales of tectonometamorphic processes in Sikkim Himalaya (NE India) and implications for rates of metamorphic processes. 2016 , 34, 785-803		31
453	FORMING CHONDRULES IN IMPACT SPLASHES. II. VOLATILE RETENTION. 2016 , 832, 91		6
452	Deciphering temperature, pressure and oxygen-activity conditions of chlorite formation. 2016 , 51, 615-633		39
451	Synthetic Potassic-Ferro-Richterite: 1. Composition, Crystal Structure Refinement, and HT Behavior By In Operando Single-Crystal X-Ray Diffraction. 2016 , 54, 353-369		9
450	The Kuradawe Granitic Pegmatite From the Mawat Ophiolite, Northeastern Iraq: Anatomy, Mineralogy, Geochemistry, and Petrogenesis. 2016 , 54, 989-1019		2
449	Phase relations of the REE minerals florencite, allanite and monazite in quartzitic garnet-kyanite schist of the Eclogite Zone, Tauern Window, Austria. <i>European Journal of Mineralogy</i> , 2016 , 28, 735-750	2.2	2
448	Metamorphic evolution of ultramafic rocks of komatiitic composition from the Central Zone of the Limpopo Belt, South Africa. 2016 , 119, 519-534		1
447	Physicochemical parameters of crystallization differentiation and Fe-Mn ore-forming processes in the magmatic system of the Eletzero massif (Northern Karelia). <i>Geochemistry International</i> , 2016 , 54, 215-236	0.8	4
446	Beyond the Margules equation: a universal thermodynamic equation for solid solutions including coupled substitution, long- and short-range order. <i>European Journal of Mineralogy</i> , 2016 , 28, 219-244	2.2	3
445	Phase equilibrium modeling, fluid inclusions and origin of charnockites in the Datian region of the northeastern Cathaysia Block, South China. 2016 , 126, 14-28		7
444	Thermodynamic assessment of the Nd ₂ O ₃ -CaO-SiO ₂ ternary system. 2016 , 55, 157-164		3
443	Short-lived subduction and exhumation in Western Papua (Wandamen peninsula): Co-existence of HP and HT metamorphic rocks in a young geodynamic setting. 2016 , 266-267, 44-63		11
442	SOLUBILITY OF ROCK IN STEAM ATMOSPHERES OF PLANETS. 2016 , 824, 103		28
441	Distinguishing regional- and local-scale metasomatic systems at the Prairie Downs Zn-Pb deposit. 2016 , 262, 247-265		11
440	Activity-composition relations for the calculation of partial melting equilibria in metabasic rocks. 2016 , 34, 845-869		350
439	Selective transfer of Li-Al-rich phyllosilicate to metamorphic veins (Western Alps): Laser Induced Breakdown Spectroscopy (LIBS) compositional profiles and microstructural characterization. 2016 , 101, 51-72		6

438	Evolution of young oceanic lithosphere and the meaning of seafloor subsidence rate. <i>Journal of Geophysical Research: Solid Earth</i> , 2016 , 121, 6315-6332	3.6	19
437	Geology and mineralogy of the Alakha spodumene granite porphyry deposit, Gorny Altai, Russia. <i>Geology of Ore Deposits</i> , 2016 , 58, 404-426	0.7	7
436	Stresses and pressures at the quartz-to-coesite phase transformation in shear deformation experiments. <i>Journal of Geophysical Research: Solid Earth</i> , 2016 , 121, 8015-8033	3.6	37
435	Precise measurements of enthalpy of postspinel transition in Mg ₂ SiO ₄ and application to the phase boundary calculation. <i>Journal of Geophysical Research: Solid Earth</i> , 2016 , 121, 729-742	3.6	15
434	Zonal REE + Y profiles in garnet and their genetic implications: A case study of metapelites from the northern Ladoga region. <i>Geology of Ore Deposits</i> , 2016 , 58, 559-567	0.7	2
433	Enabling Gibbs energy minimization algorithms to use equilibrium constants of reactions in multiphase equilibrium calculations. <i>Chemical Geology</i> , 2016 , 437, 170-181	4.2	14
432	Metamorphism of peridotites from Posht-e-Badam Paleozoic ophiolite (Yazd Province, Central Iran). 2016 , 280, 59-77		1
431	Internally consistent thermodynamic data for aqueous species in the system Na-Cl-H ₂ O. 2016 , 187, 41-78		35
430	Natural Mg-Fe clinochlores: enthalpies of formation and dehydroxylation derived from calorimetric study. 2016 , 101, 1431-1437		5
429	Geochemical characteristics of hydrous basaltic magmas due to assimilation and fractional crystallization: the Ikoma gabbroic complex, southwest Japan. 2016 , 110, 639-662		3
428	Cancrinite-group minerals: Crystal-chemical description and properties under non-ambient conditions—a review. 2016 , 101, 253-265		13
427	Pb-Sr-O-C isotope compositions of metacarbonate rocks of the Derbina Formation (East Sayan): Chemostratigraphic and geochronological significance. 2016 , 24, 1-18		22
426	SUPCRTBL: A revised and extended thermodynamic dataset and software package of SUPCRT92. 2016 , 90, 97-111		67
425	Fluids in the crust during regional metamorphism: Forty years in the Waterville limestone. 2016 , 101, 500-517		6
424	Metamorphic chronology—a tool for all ages: Past achievements and future prospects. 2016 , 101, 25-42		53
423	High-pressure metamorphism in the Chinshuichi area, Yuli belt, eastern Taiwan. 2016 , 692, 191-202		13
422	An occurrence of metastable cristobalite in spodumene-hosted crystal-rich inclusions from Jiajika pegmatite deposit, China. 2016 , 171, 29-36		21
421	Quantifying geological uncertainty in metamorphic phase equilibria modelling; a Monte Carlo assessment and implications for tectonic interpretations. 2016 , 7, 591-607		184

420	Late Paleozoic evolution of the South Tien Shan: Insights from P ₂₀₁₆ estimates and allanite geochronology on retrogressed eclogites (Chatkal range, Kyrgyzstan). 2016 , 96, 62-80		48
419	Late Neoproterozoic gabbro emplacement followed by early Cambrian eclogite-facies metamorphism in the Menderes Massif (W. Turkey): Implications on the final assembly of Gondwana. 2016 , 34, 158-173		29
418	P ₂₀₁₆ evolution of eclogite/blueschist facies metamorphism in Alanya Massif: time and space relations with HP event in Bitlis Massif, Turkey. 2016 , 105, 247-281		30
417	Crustal-scale structure of South Tien Shan: implications for subduction polarity and Cenozoic reactivation. 2017 , 427, 197-229		14
416	On the significance of short-duration regional metamorphism. 2017 , 174, 377-392		30
415	Quantification of carbon dioxide sourced by mineral reactions in ultradeep sedimentary basins. 2017 , 81, 112-133		2
414	Zeolite formation in the presence of cement hydrates and albite. 2017 , 99, 77-94		46
413	Thermodynamics and crystal chemistry of rhomboclase, (H ₅ O ₂)Fe(SO ₄) ₂ ·2H ₂ O, and the phase (H ₃ O)Fe(SO ₄) ₂ and implications for acid mine drainage. 2017 , 102, 643-654		4
412	Thermochemical study of Mg ₂ Be chlorites. <i>Geochemistry International</i> , 2017 , 55, 257-262	0.8	
411	Fe-based multifunctional nanoparticles with various physicochemical properties. 2017 , 17, 1066-1078		12
410	Geology, composition, and physicochemical model of sparry magnesite deposits of the Southern Urals. <i>Geology of Ore Deposits</i> , 2017 , 59, 14-35	0.7	4
409	Significant Ages – An Introduction to Petrochronology. 2017 , 83, 1-12		52
408	Phase Relations, Reaction Sequences and Petrochronology. 2017 , 83, 13-53		63
407	Distinguishing Magmatic and Metamorphic Processes in Peralkaline Rocks of the Norra Kärr Complex (Southern Sweden) Using Textural and Compositional Variations of Clinopyroxene and Epidiolyte-group Minerals. <i>Journal of Petrology</i> , 2017 , 58, 361-384	3.9	11
406	Local Bulk Composition Effects on Metamorphic Mineral Assemblages. 2017 , 83, 55-102		95
405	Neoproterozoic eclogite- to high-pressure granulite-facies metamorphism in the Mozambique belt of east-central Tanzania: A petrological, geochemical and geochronological approach. 2017 , 284-285, 666-690		8
404	Hydrothermal cooling of the ocean crust: Insights from ODP Hole 1256D. 2017 , 462, 110-121		18
403	Neoproterozoic granulite-facies metamorphism in Uzkaya Salma eclogite-bearing mafic range, Belomorian Province (Russia). 2017 , 294, 257-283		18

402	Modeling of Hydrogen Genesis in Ophiolite Massif. 2017 , 17, 265-268	6
401	Microstructural vs compositional preservation and pseudomorphic replacement of muscovite in deformed metapelites from the Longmen Shan (Sichuan, China). 2017 , 282-283, 262-280	33
400	Polyphase greenschist-facies reactivation of the Dent Blanche Basal Thrust (Western Alps) during progressive Alpine orogeny. 2017 , 110, 503-521	2
399	Critical thermodynamic re-evaluation and re-optimization of the CaO-Al ₂ O ₃ -SiO ₂ system. 2017 , 56, 58-71	19
398	Physicochemical models of formation of gold-silver mineralization at the Rogovik deposit (Northeastern Russia). 2017 , 91, 1-20	8
397	Ab initio-assisted assessment of the CaO-SiO ₂ system under pressure. 2017 , 59, 12-30	19
396	2. Phase Relations, Reaction Sequences and Petrochronology. 2017 ,	4
395	3. Local Bulk Composition Effects on Metamorphic Mineral Assemblages. 2017 ,	3
394	Birth, life, and demise of the Andean-Asian collisional Gissar arc: Late Paleozoic tectono-magmatic-metamorphic evolution of the southwestern Tian Shan, Tajikistan. 2017 , 36, 1861-1912	20
393	Fluid Inclusion and Stable Isotope Constraints On the Formation of the Ianapera Emerald Deposit, Southern Madagascar. 2017 , 55, 619-650	1
392	Origin Of Scapolite-Hosted Sapphire (Corundum) Near Kimmirut, Baffin Island, Nunavut, Canada. 2017 , 55, 669-699	7
391	Evidence of cross-cutting and redox reaction in Khatyrka meteorite reveals metallic-Al minerals formed in outer space. <i>Scientific Reports</i> , 2017 , 7, 1637	4.9 19
390	Modelling of the dissolution and reprecipitation of uranium under oxidising conditions in the zone of shallow groundwater circulation. 2017 , 178-179, 63-76	9
389	The Effects of Mg/Si on the Exoplanetary Refractory Oxygen Budget. 2017 , 845, 61	42
388	P-T evolution of metapelites from the Bajgan complex in the Makran accretionary prism, south eastern Iran. 2017 , 77, 459-475	7
387	Phase transition sequences in tetramethylammonium tetrachlorometallates by X-ray diffraction and spectroscopic measurements. 2017 , 73, 844-855	7
386	Mineral chemistry indicates the petrogenesis of rhyolite from the southwestern Okinawa Trough. 2017 , 16, 1097-1108	11
385	2.5 Ga gabbro-anorthosites in the Belomorian Province, Fennoscandian Shield: Petrology and tectonic setting. <i>Petrology</i> , 2017 , 25, 566-591	1.2 6

384	1. Significant Ages - An Introduction to Petrochronology. 2017 , 1-12		4
383	A simple and generalised P-T EoS for continuous phase transitions, implemented in EosFit and applied to quartz. <i>Contributions To Mineralogy and Petrology</i> , 2017 , 172, 1	3.5	49
382	Critical evaluation and thermodynamic optimization of the Na ₂ O-Al ₂ O ₃ -SiO ₂ system. 2017 , 37, 787-800		8
381	Iranshahr blueschist: subduction of the inner Makran oceanic crust. 2017 , 35, 373-392		17
380	A model for late Archean chemical weathering and world average river water. 2017 , 457, 191-203		31
379	Chemical thermodynamic data. 1. The concept of links to the chemical elements and the historical development of key thermodynamic data. 2017 , 213, 635-676		11
378	Reaction overstepping and re-evaluation of peak P-T conditions of the blueschist unit Sifnos, Greece: implications for the Cyclades subduction zone. 2017 , 59, 548-562		32
377	The system MgO-Al ₂ O ₃ -SiO ₂ under pressure: A computational study of melting relations and phase diagrams. <i>Chemical Geology</i> , 2017 , 461, 54-64	4.2	19
376	Origin of Spinel + Quartz Assemblage in a Si-undersaturated Ultrahigh-temperature Aluminous Granulite and its Implication for the Fluid History of the Phulbani Domain, Eastern Ghats Belt, India. <i>Journal of Petrology</i> , 2017 , 58, 1941-1974	3.9	15
375	Multiple-reaction geobarometry for olivine-bearing igneous rocks. 2017 , 102, 2349-2366		13
374	Thermodynamic modelling of metamorphic processes: state of the art in pseudosection approach. 2017 , 110, 012014		
373	Ferroan Dolomitization by Seawater Interaction with Mafic Igneous Dikes and Carbonate Host Rock at the Latemar Platform, Dolomites, Italy: Numerical Modeling of Spatial, Temporal, and Temperature Data. 2017 , 2017, 1-14		9
372	Structural and rheological evolution of the Laramide subduction channel in southern California. 2017 , 8, 379-403		13
371	Ortoneises en la Franja Silos-Babega, Macizo de Santander, Colombia: evidencias de la orogenia famatiniana en los Andes del norte. 2017 , 44, 307		4
370	DGM News. <i>International Journal of Materials Research</i> , 2018 , 109, 182-182	0.5	6
369	The COMAGMAT-5: Modeling the Effect of Fe-Ni Sulfide Immiscibility in Crystallizing Magmas and Cumulates. <i>Journal of Petrology</i> , 2018 , 59, 283-298	3.9	15
368	Metamorphic Evolution and Zircon U-Pb Ages of the Nanshankou Mafic High Pressure Granulites from the Jiaobei Terrane, North China Craton. 2018 , 29, 1219-1235		19
367	Experimental determination of the solubility product of dolomite at 50±5 °C. 2018 , 224, 262-275		28

- 366 An experimental study of Fe-Ni exchange between sulfide melt and olivine at upper mantle conditions: implications for mantle sulfide compositions and phase equilibria. *Contributions To Mineralogy and Petrology*, **2018**, 173, 1 3.5 8
- 365 Kinetic control of staurolite-Al₂SiO₅ mineral assemblages: Implications for Barrovian and Buchan metamorphism. **2018**, 36, 667-690 19
- 364 Implications of sepiolite dehydration for earthquake nucleation in the Galera Fault Zone: A thermodynamic approach. **2018**, 89, 219-228 3
- 363 P-T evolution of metasedimentary rocks of the Santa Filomena Complex, Riacho do Pontal Orogen, Borborema Province (NE Brazil): Geothermobarometry and metamorphic modelling. **2018**, 82, 91-107 3
- 362 Numerical modelling of multiphase multicomponent reactive transport in the Earth's interior. **2018**, 212, 345-388 12
- 361 Subduction factory in an ampoule: Experiments on sediment-peridotite interaction under temperature gradient conditions. **2018**, 223, 319-349 13
- 360 Composition and source of fluids in high-temperature graphite-bearing granulites associated with granulites: Examples from the Southern Marginal Zone, Limpopo Complex, South Africa. **2018**, 60, 129-152 12
- 359 Petrology and zircon U-Pb dating of meta-calcsilicate from the Jiaobei terrane in the Jiao-Liao-Ji Belt of the North China craton. **2018**, 313, 221-241 29
- 358 Fluids of the Lower Crust: Deep Is Different. **2018**, 46, 67-97 56
- 357 Exhumation of eclogite and blueschist (Cyclades, Greece): Pressure-temperature evolution determined by thermobarometry and garnet equilibrium modelling. **2018**, 36, 769-798 39
- 356 Geochronology and phase equilibria modelling of ultra-high temperature sapphirine + quartz-bearing granulite at Usilampatti, Madurai Block, Southern India. *Geological Journal*, **2018**, 53, 139-158 1.7 12
- 355 Prograde Barrovian metamorphism along Darjeeling-Nista transect, Eastern Himalaya, India: constraints from textural relationship, phase equilibria and geothermobarometry. *Geological Journal*, **2018**, 53, 243-281 1.7 2
- 354 Age of crustal melting in Higher Himalayan Crystalline Sequence (Darjeeling, Eastern Himalaya): Constraints from SHRIMP U-Pb geochronology. *Geological Journal*, **2018**, 53, 1516-1525 1.7 2
- 353 Petrology and isotopic evolution of granulites from central Madurai Block (southern India): reference to Ediacaran crustal evolution. **2018**, 60, 1792-1815 3
- 352 Pargasite at high pressure and temperature. **2018**, 45, 259-278 5
- 351 Temperature dependence of thermal diffusivity and conductivity for sandstone and carbonate rocks. **2018**, 131, 1647-1652 16
- 350 Recent developments and the future of low-T calorimetric investigations in the Earth sciences: Consequences for thermodynamic calculations and databases. **2018**, 36, 283-295 6
- 349 Kinetics of Gas-Solid Reactions in the Solar System and Beyond. **2018**, 84, 461-497 3

348	Ore Genesis and Geochemical Characteristics of Carbonate-Hosted Talc Deposits in Nangarhar Province, Afghanistan. <i>Resource Geology</i> , 2018 , 68, 352-372	1	1
347	Metamorphic evolution and geochronology of the tectonic mélange of the Dongbatu and Mogutai blocks, middle Dunhuang orogenic belt, northwestern China. 2018 , 14, 883-906		24
346	Thermodynamic properties of natural melilites. 2018 , 103, 1945-1952		3
345	Colocação do metamorfismo e natureza dos anfibolitos de Serra Azul do Norte, Província Carajás. 2018 , 17, 99		1
344	Metamorphism during the Archean-Paleoproterozoic Transition Associated with Microblock Amalgamation in the Dharwar Craton, India. <i>Journal of Petrology</i> , 2018 , 59, 2435-2462	3.9	33
343	High-Pressure High-Temperature Stability and Thermal Equation of State of Zircon-Type Erbium Vanadate. 2018 , 57, 14005-14012		10
342	The high-pressure anisotropic thermoelastic properties of a potential inner core carbon-bearing phase, Fe ₇ C ₃ , by single-crystal X-ray diffraction. 2018 , 103, 1568-1574		13
341	An assembly of the Indian Shield at c. 1.0 Ga and shearing at c. 876-884 Ma in Eastern India: Insights from contrasting P-T paths, and burial and exhumation rates of metapelitic granulites. 2018 , 317, 117-136		14
340	Phase-field model for growth and dissolution of a stoichiometric compound in a binary liquid. 2018 , 98, 023311		4
339	The thermal behaviour of sacrofanite. <i>European Journal of Mineralogy</i> , 2018 , 30, 507-514	2.2	2
338	Assessing trace element (dis)equilibrium and the application of single element thermometers in metamorphic rocks. 2018 , 314-315, 1-15		15
337	Geological, petrological and geochemical framework of Miravalles-Guayabo caldera and related lavas, NW Costa Rica. 2018 , 358, 207-227		2
336	Origin, age, and significance of deep-seated granulite-facies migmatites in the Barrow zones of Scotland, Cairn Leuchan, Glen Muick area. 2018 , 36, 1071-1096		8
335	Conditions, Mechanism and Timing of the Localized Melting of Metapelites from the Petronella Shear Zone and Relationships with Granite Intrusions in the Southern Marginal Zone of the Limpopo Belt, South Africa. <i>Journal of Petrology</i> , 2018 , 59, 695-734	3.9	7
334	Deeply subducted continental fragments - Part 2: Insight from petrochronology in the central Sesia Zone (western Italian Alps). 2018 , 9, 191-222		20
333	Carboniferous Polymetamorphism Recorded in Paragneiss-Migmatites from the Bavarian Unit (Moldanubian Superunit, Upper Austria): Implications for the Tectonothermal Evolution at the End of the Variscan Orogeny. <i>Journal of Petrology</i> , 2018 , 59, 1359-1382	3.9	8
332	Stability of AuCl ₂ from 25 to 1000 °C at Pressures to 5000 bar and Consequences for Hydrothermal Gold Mobilization. 2018 , 8, 286		12
331	A Review of Ultrahigh Temperature Metamorphism. 2018 , 29, 1167-1180		10

330	Encyclopedia of Geochemistry. <i>Encyclopedia of Earth Sciences Series</i> , 2018 , 525-526		0
329	A petrochronological approach for the detrital record: Tracking mm-sized eclogite clasts in the northern Canadian Cordillera. 2018 , 494, 23-31		4
328	Feldspar Raman shift and application as a magmatic thermobarometer. 2018 , 103, 600-609		7
327	Natural End Member Samples of Pyrope and Grossular: A Cathodoluminescence-Microscopy and -Spectra Case Study. 2018 , 29, 989-1004		3
326	Thermodynamic and Elastic Properties of Magnesite at Mantle Conditions: First-Principles Calculations. <i>Geochemistry, Geophysics, Geosystems</i> , 2018 , 19, 2719-2731	3.6	11
325	Carbonation of mantle peridotite by CO ₂ -rich fluids: the formation of listvenites in the Advocate ophiolite complex (Newfoundland, Canada). 2018 , 323, 238-261		33
324	Mass-transfer and differential element mobility in metapelites during multistage metamorphism of the Yenisey Ridge, Siberia. 2019 , 478, 89-115		6
323	The tectonometamorphic evolution of the Uppermost Unit south of the Dikti Mountains, Crete. 2019 , 156, 1003-1026		3
322	The architecture of long-lived fault zones: insights from microstructure and quartz lattice-preferred orientations in mylonites of the Median Tectonic Line, SW Japan. 2019 , 6,		5
321	Decoding the complex internal chemical structure of garnet porphyroblasts from the Zermatt area, Western Alps. 2019 , 37, 1151-1169		9
320	CHNOSZ: Thermodynamic Calculations and Diagrams for Geochemistry. 2019 , 7,		25
319	Implications of overstepping of garnet nucleation for geothermometry, geobarometry and P&T path calculations. <i>Chemical Geology</i> , 2019 , 530, 119323	4.2	8
318	The Application of Periodic Density Functional Theory to the Study of Uranyl-Containing Materials: Thermodynamic Properties and Stability. 2019 ,		
317	H ₂ O Content Measurement in Phengite by Secondary Ion Mass Spectrometry: A New Set of Reference Materials. 2019 , 43, 635-646		4
316	Precipitates of Cristobalite and silicate glass in UHP clinopyroxene from a Bohemian Massif eclogite. 2019 , 104, 1402-1415		1
315	Metamorphic pressure variation in a coherent Alpine nappe challenges lithostatic pressure paradigm. 2019 , 10, 4734		26
314	Fluorine-controlled composition of biotite in granulites of Madagascar: the effect of fluorine on thermometry of biotite-garnet gneisses. <i>Contributions To Mineralogy and Petrology</i> , 2019 , 174, 1	3.5	3
313	Variscan Metamorphism. 2019 , 431-495		2

312	Petrología y geoquímica de los Esquistos del Silgar en el area de Silos, Macizo de Santander, Colombia. 2019 , 86, 271-280			1
311	Oxygen fugacity at the base of the Talkeetna arc, Alaska. <i>Contributions To Mineralogy and Petrology</i> , 2019 , 174, 1	3.5		12
310	Chemical heterogeneities in the mantle: progress towards a general quantitative description. 2019 , 10, 1409-1428			1
309	High-pressure, ultrahigh-temperature 1.9 Ga metamorphism of the Kramanituar Complex, Snowbird Tectonic Zone, Rae Craton, Canada. <i>Contributions To Mineralogy and Petrology</i> , 2019 , 174, 1	3.5		3
308	Thermal stability and high-temperature behavior of the natural borate colemanite: An aggregate in radiation-shielding concretes. 2019 , 203, 679-686			15
307	Introduction. 2019 , 1-11			
306	The continuity equation. 2019 , 12-25			
305	Density and gravity. 2019 , 26-37			
304	Numerical solutions of partial differential equations. 2019 , 38-49			
303	Stress and strain. 2019 , 50-59			
302	The momentum equation. 2019 , 60-72			
301	Viscous rheology of rocks. 2019 , 73-81			0
300	Numerical solutions of the momentum and continuity equations. 2019 , 82-104			1
299	The advection equation and marker-in-cell method. 2019 , 105-127			
298	The heat conservation equation. 2019 , 128-138			
297	Numerical solution of the heat conservation equation. 2019 , 139-155			
296	2D thermomechanical code structure. 2019 , 156-170			0
295	Elasticity and plasticity. 2019 , 171-187			

294	2D implementation of visco-elasto-plasticity. 2019 , 188-208		
293	2D thermomechanical modelling of inertial processes. 2019 , 209-223		
292	Seismo-thermomechanical modelling. 2019 , 224-239		
291	Hydro-thermomechanical modelling. 2019 , 240-276		
290	Adaptive mesh refinement. 2019 , 277-291		
289	The multigrid method. 2019 , 292-318		
288	Programming of 3D problems. 2019 , 319-339		
287	Numerical benchmarks. 2019 , 340-368		
286	Design of 2D numerical geodynamic models. 2019 , 369-405		0
285	Outlook. 2019 , 406-424		
284	MATLAB program examples. 2019 , 425-437		
283	Index. 2019 , 465-472		1
282	Preface to the second edition. 2019 , xi-xi		
281	New evidence for the prograde and retrograde PT-path of high-pressure granulites, Moldanubian Zone, Lower Austria, by Zr-in-rutile thermometry and garnet diffusion modelling. 2019 , 342-343, 420-439		7
280	Zircon and quartz inclusions in garnet used for complementary Raman thermobarometry: application to the Holsn� eclogite, Bergen Arcs, Western Norway. <i>Contributions To Mineralogy and Petrology</i> , 2019 , 174, 1	3.5	25
279	Silicate, Oxide and Sulphide Trends in Neo-Archean Rocks from the Nilgiri Block, Southern India: the Role of Fluids During High-grade Metamorphism. <i>Journal of Petrology</i> , 2019 , 60, 1027-1062	3.9	6
278	Magmatic Processes Associated with Oceanic Crustal Accretion at Slow-spreading Ridges: Evidence from Plagioclase in Mid-ocean Ridge Basalts from the South China Sea. <i>Journal of Petrology</i> , 2019 , 60, 1135-1162	3.9	11
277	Tectonic Position of the Late Neoproterozoic�Early Paleozoic Metamorphic Belts within the Tuva�Mongolian Terrane of the Central Asian Orogenic Belt. <i>Petrology</i> , 2019 , 27, 43-58	1.2	3

276	Metamorphic evolution of the Loma Marcelo skarn within the geotectonic context of the crystalline basement of the Ventania System (Argentina). 2019 , 92, 56-76		2
275	Metallogenic Mechanism of the Galinge Polymetallic Iron Skarn Deposit, Qiman Tagh Mountains, Qinghai Province. 2019 , 235-248		
274	Oxygen Fugacity and Water Activity during Thermal Peak and Retrogression of Granulites around the Sarvapuram Area, Karimnagar Granulite Terrane, Andhra Pradesh, India. 2019 , 93, 1900-1908		1
273	Seismicity and mineral destabilizations in the subducting mantle up to 6 GPa, 200 km depth. 2019 , 334-335, 205-230		21
272	The Cumbres Calchaquês Range (NW-Argentina). Geochemical sedimentary provenance, tectonic setting and metamorphic evolution of a Neoproterozoic sedimentary basin. 2019 , 93, 480-494		3
271	Extended Deep Earth Water Model for predicting major element mantle metasomatism. 2019 , 254, 192-230		39
270	Thermodynamic modelling of fluids from surficial to mantle conditions. 2019 , 176, 348-374		13
269	Metamorphic constraints on the tectonic evolution of the High Himalaya in Nepal: the art of the possible. 2019 , 483, 325-375		24
268	Metallogenic Mechanism of the Galinge Polymetallic Iron Skarn Deposit, Qiman Tagh Mountains, Qinghai Province. 2019 ,		3
267	Role of myrmekite and associated deformation fabrics in controlling development of granitic mylonites in the Pofadder Shear Zone of southern Namibia. <i>Contributions To Mineralogy and Petrology</i> , 2019 , 174, 1	3-5	3
266	Thermodynamic Model for the Galinge Fe Skarn Deposit in Qinghai. 2019 , 101-115		
265	Formation and Breakdown of Ilvaite in the Large Galinge Skarn Fe Deposit, Western China: A Record of Multistage Retrograde Alteration. 2019 , 157-175		
264	Ilvaite as a thermodynamic recorder of multistage retrograde alteration in large Galinge skarn Fe deposit, western China. 2019 , 26, 3534-3550		0
263	Dehydration of Glaucophane in the System $\text{Na}_2\text{O}-\text{MgO}-\text{Al}_2\text{O}_3-\text{SiO}_2-\text{H}_2\text{O}$ and the Effects of NaCl-, CO_2 - and Silicate-bearing Aqueous Fluids. <i>Journal of Petrology</i> , 2019 , 60, 2369-2386	3-9	3
262	Metasomatic Vein Formation by Stationary Fluids in Carbonate Xenoliths at the Eastern Margin of the Bergell Intrusion, Val Sissone, Italy. <i>Journal of Petrology</i> , 2019 , 60, 2387-2412	3-9	2
261	Interaction of Mantle Rocks with Crustal Fluids: Sagvandites of the Scandinavian Caledonides. 2019 , 30, 1084-1094		3
260	Physicochemical Modeling and Experimental Study of the $\text{SiO}_2-\text{Al}_2\text{O}_3-\text{TiO}_2-\text{BeO}-\text{MgO}-\text{CaO}-\text{Na}_2\text{O}$ System. 2019 , 64, 1446-1450		2
259	Timanide (Ediacaran-Early Cambrian) Metamorphism at the Transition from Eclogite to Amphibolite Facies in the Beloretsk Complex, SW-Urals, Russia. 2019 , 30, 1144-1165		7

258	An Internally-Consistent Database for Oxygen Isotope Fractionation Between Minerals. <i>Journal of Petrology</i> , 2019 , 60, 2101-2129	3.9	13
257	Metamorphic geology: progress and perspectives. 2019 , 478, 1-12		3
256	The Nature and Models of Metamorphism. 2019 ,		16
255	Exhumation of the high-pressure northwestern Cyclades, Aegean: New P-T constraints, and geodynamic evolution. 2019 , 324-325, 439-453		5
254	Crystallochemical indexes and geothermobarometric calculations as a multiproxy approach to P-T condition of the low-grade metamorphism: The case of the San Luis Formation, Eastern Sierras Pampeanas of Argentina. 2019 , 324-325, 385-401		3
253	Modeling Metamorphic Rocks Using Equilibrium Thermodynamics and Internally Consistent Databases: Past Achievements, Problems and Perspectives. <i>Journal of Petrology</i> , 2019 , 60, 19-56	3.9	46
252	Evolution in the Understanding of Mineral Transformations and Concept of Metamorphic Facies. 2019 , 1-54		
251	Effects of progressive burial on matrix porosity and permeability of dolostones in the foreland basin of the Alpine Orogen, Switzerland. 2019 , 100, 148-164		11
250	Conditions and timing of low-pressure high-temperature metamorphism in the Montesor Belt, Rae Province, Nunavut. 2019 , 56, 654-671		1
249	Analysis of thermodynamic data of calcium aluminate monocarbonate hydrate. 2019 , 116, 89-94		5
248	Allanite Petrochronology in Fresh and Retrogressed Garnet-Biotite Metapelites from the Longmen Shan (Eastern Tibet). <i>Journal of Petrology</i> , 2019 , 60, 151-176	3.9	6
247	Petrology and age of Precambrian Aksu blueschist, NW China. 2019 , 326, 295-311		18
246	Carbonate-silicate inclusions in garnet as evidence for a carbonate-bearing source for fluids in leucocratic granitoids associated with granulites of the Southern Marginal Zone, Limpopo Complex, South Africa. 2020 , 77, 147-167		5
245	Exhumation of Attica high-pressure rocks in a subduction channel: New metamorphic PT constraints from Attica, NW Cyclades, Greece. 2020 , 354-355, 105266		2
244	Prograde polyphase regional metamorphism of pelitic rocks, NW of Jamshedpur, eastern India: constraints from textural relationship, pseudosection modelling and geothermobarometry. 2020 , 157, 1045-1067		1
243	Evidence for UHP anatexis in the Shuanghe UHP paragneiss from inclusions in clinozoisite, garnet, and zircon. 2020 , 38, 129-155		2
242	Petrochronology of the Terre Adélie Craton (East Antarctica) evidences a long-lasting Proterozoic (1.7-1.5 Ga) tectono-metamorphic evolution - Insights for the connections with the Gawler Craton and Laurentia. 2020 , 81, 21-57		5
241	Petrological geodynamics of mantle melting III. AlphaMELTS + multiphase flow: The effect of water. 2020 , 11, 1381-1402		

240	Geology, petrology and geochronology of sierra Valle F ^{rtil} - La Huerta batholith: Implications for the construction of a middle-crust magmatic-arc section. 2020 , 97, 102423		6
239	Young and Old Granulites: A Volatile Connection. 2020 , 128, 395-413		1
238	Electrical Conductivity of Talc Dehydration at High Pressures and Temperatures: Implications for High-Conductivity Anomalies in Subduction Zones. <i>Journal of Geophysical Research: Solid Earth</i> , 2020 , 125, e2020JB020091	3.6	0
237	Phase Trapping in Acetonitrile, a Metastable Mineral for Saturn's Moon Titan. 2020 , 4, 1324-1331		1
236	Feedback between high-pressure genesis of abiotic methane and strain localization in subducted carbonate rocks. <i>Scientific Reports</i> , 2020 , 10, 9848	4.9	10
235	A New HP-UHP Eclogite Belt Identified in the Southeastern Tibetan Plateau: Tracing the Extension of the Main Palaeo-Tethys Suture Zone. <i>Journal of Petrology</i> , 2020 , 61,	3.9	3
234	The effects of solid-solid phase equilibria on the oxygen fugacity of the upper mantle. 2020 , 105, 1445-1471		8
233	Thermal state of the upper mantle and the origin of the Cambrian-Ordovician ophiolite pulse: Constraints from ultramafic dikes of the Hayachine-Miyamori ophiolite. 2020 , 105, 1778-1801		3
232	Crystal structure and thermal behavior of Bi ₆ Te ₂ O ₁₅): investigation of synthetic and natural pinguite. 2020 , 47, 1		1
231	Protracted Shearing at Midcrustal Conditions During Large-Scale Thrusting in the Scandinavian Caledonides. 2020 , 39, e2020TC006267		7
230	Thermodynamic modeling of high-grade metabasites: a case study using the Tso Morari UHP eclogite. <i>Contributions To Mineralogy and Petrology</i> , 2020 , 175, 1	3.5	2
229	Iterative thermodynamic modelling - Part 1: A theoretical scoring technique and a computer program (Bingo-Antidote). 2020 , 38, 527-551		10
228	Structure and dynamics of the oceanic lithosphere-asthenosphere system. 2020 , 309, 106559		9
227	Subduction hides high-pressure sources of energy that may feed the 'deep subsurface biosphere. 2020 , 11, 3880		15
226	A model for germanium-silicon equilibrium fractionation in kaolinite. 2020 , 288, 199-213		3
225	Localisation of Ancient Migration Pathways inside a Fractured Metamorphic Hydrocarbon Reservoir in South-East Hungary. 2020 , 10, 7321		0
224	Melting and Crystallization of Moderately Alkaline Volcanic Rocks: Physicochemical Modeling and Experimental Study. 2020 , 65, 1378-1383		0
223	Influence of Thermal and Mechanical Stimuli on the Behavior of Al-CAU-13 Metal-Organic Framework. 2020 , 10,		1

222	Rutile solubility and TiO ₂ activity in silicate melts: An experimental study. <i>Chemical Geology</i> , 2020 , 556, 119817	4.2	2
221	Late Paleozoic geodynamic evolution of the western North Patagonian Massif and its tectonic context along the southwestern Gondwana margin. 2020 , 376-377, 105801		4
220	Towards a detailed comprehension of the inertisation processes of amphibole asbestos: in situ high-temperature behaviour of fibrous tremolite. 2020 , 84, 888-899		2
219	Lithologically controlled behaviour of the Dorozsma metamorphic hydrocarbon reservoir (Pannonian Basin, SE Hungary). 2020 , 195, 107748		2
218	Synthesis, characterization, and thermodynamic study of selected Na-based zeolites. 2020 , 135, 106111		14
217	Decoupling of zircon U/Pb and trace-element systematics driven by U diffusion in eclogite-facies zircon (Monviso meta-ophiolite, W. Alps). <i>Contributions To Mineralogy and Petrology</i> , 2020 , 175, 1	3.5	11
216	Effects of ongoing melting and buoyancy on melt band evolution in a compacting porous layer. 2020 , 304, 106485		1
215	Contribution of magmatism, partial melting buffering and localized crustal thinning on the late Variscan thermal structure of the Agly massif (French Pyrenees). 2020 , 38, 799-829		3
214	Revaluation of equilibrium P-T paths from zoned garnet in light of quartz inclusion in garnet (QuiG) barometry. 2020 , 372-373, 105650		8
213	Thermodynamic study of cement/rock interactions using experimentally generated solubility data of zeolites. 2020 , 135, 106149		8
212	From Decompression Melting to Mantle-Wedge Refertilization and Metamorphism: Insights from Peridotites of the Alag Khadny Accretionary Complex (SW Mongolia). 2020 , 10, 396		1
211	Magmatic stoping during the caldera-forming Pomici di Base eruption (Somma-Vesuvius, Italy) as a fuel of eruption explosivity. 2020 , 370-371, 105628		8
210	Protolith nature and P-T evolution of Variscan metamorphic rocks from the Allahyarlu complex, NW Iran. 2020 , 157, 1853-1876		0
209	The Theodul Glacier Unit, a slab of pre-Alpine rocks in the Alpine meta-ophiolite of Zermatt-Saas, Western Alps. 2020 , 113,		5
208	Deciphering late Devonian-early Carboniferous P-T path of mylonitized garnet-mica schists from Prins Karls Forland, Svalbard. 2020 , 38, 471-493		6
207	Experimental alteration of granitic rocks: Implications for the evolution of geothermal brines in the Upper Rhine Graben, Germany. 2020 , 88, 101903		7
206	Phase petrographic, thermobarometric and petrochemical significance of Cretaceous mafic dykes along Nongchram Fault Zone of Swangkrebongmil area of Shillong plateau, NE India: Implications for genetic link to Kerguelen mantle plume. <i>Journal of Earth System Science</i> , 2020 , 129, 1	1.8	1
205	Investigation of Fluid-driven Carbonation of a Hydrated, Forearc Mantle Wedge using Serpentinite Cores in High-pressure Experiments. <i>Journal of Petrology</i> , 2020 , 61,	3.9	6

204	Post-melting oxidation of highly primitive basalts from the southern Andes. 2020 , 273, 291-312		5
203	Thermodynamic modeling of hydrous-meltâ€livine equilibrium using exhaustive variable selection. 2020 , 300, 106430		5
202	Thermodynamic data for cement clinkering. 2020 , 132, 106043		12
201	Oxygen potential calculations for conventional and Cr-doped UO ₂ fuels based on solid solution thermodynamics. 2020 , 534, 152140		1
200	The role of excess oxygen for modeling high-Mn, low-Ca garnets in metapelites from the northern Central Metasedimentary Belt of the Grenville Province, Ontario, Canada. 2021 , 58, 21-37		
199	Experimental study of metamorphic reactions and dehydration processes at the blueschistâ€eclogite transition during warm subduction. 2021 , 39, 39-56		1
198	Composition Effects on Metamorphic Mineral Assemblages. 2021 , 502-512		
197	The solubility of cooperite PtS(cr) at 25 â€450 Â°C, P _{sat} â€1000 bar and hydrosulfide complexing of platinum in hydrothermal fluids. <i>Chemical Geology</i> , 2021 , 559, 119968	4.2	1
196	High-pressure and low-temperature structural study of claudetite I, a monoclinic layered As ₂ O ₃ polymorph. 2021 , 23, 638-644		1
195	Cs(Be ₂ Li)Al ₂ Si ₆ O ₁₈ , a cesium-stuffed host-guest structure, and its structure-property variations with temperature and pressure. 2021 , 293, 121841		
194	Controls on Element Partitioning Behavior. 2021 , 20-43		
193	Very-low-grade Metamorphism. 2021 , 513-521		1
192	The Beni Bousera marbles, record of a Triassic-Early Jurassic hyperextended margin in the Alpujarrides-Sebtides units (Rif belt, Morocco). 2021 , 192, 26		3
191	Discovery of datolite in a highâ€pressure marble from the Sanbagawa metamorphic belt: Indication of Bâ€rich fluid activity. 2021 , 116, 1-8		1
190	Encyclopedia of Solid Earth Geophysics. <i>Encyclopedia of Earth Sciences Series</i> , 2021 , 1760-1768	0	
189	Equations of state for CaSiO ₃ phases based on the Helmholtz free energy. 2021 , 1787, 012005		0
188	Gabbroâ€Basalt Raw Materials of Russia: Mineral Composition, Modification Methods, and Complex Use. 2021 , 66, 253-257		
187	Peak Alpine metamorphic conditions from staurolite-bearing metapelites in the Monte Rosa nappe (Central European Alps) and geodynamic implications. 2021 , 39, 897-917		3

186	The phase diagram of Ti-6Al-4V at high-pressures and high-temperatures. 2021 ,		5
185	Sr- and C-Chemostratigraphy Potential of the Paleoproterozoic Sedimentary Carbonates under Medium-Temperature Metamorphism: the Ruskeala Marble, Karelia. <i>Petrology</i> , 2021 , 29, 175-194	1.2	4
184	Loss and Isotopic Fractionation of Alkali Elements during Diffusion-Limited Evaporation from Molten Silicate: Theory and Experiments. 2021 , 5, 755-784		6
183	Thermodynamic Modeling of the Solubility of Quartz in Water up to High Temperatures and Pressures. 2021 , 5, 941-959		1
182	Metamorphic gabbro and basalt in ophiolitic and continental nappes of the Zermatt region (Western Alps). 2021 , 114,		2
181	Barrovian metamorphism of the metapelites in NE Sikkim (Eastern Himalaya): Constraints from chemographic projection and geothermobarometry. 2021 , 208, 104673		4
180	Evidence of Late Svecofennian Elevated-Pressure Metamorphism in the North Ladoga Zonal Metamorphic Complex, Southeastern Fennoscandian Shield. <i>Petrology</i> , 2021 , 29, 300-314	1.2	1
179	The (chemical) potential for understanding overstepped garnet nucleation and growth. 2021 , 106, 812-829		0
178	TaloeáBedimentation in an Intermittent Lake (Russian Federation, Republic of Khakassia). 2021 , 11, 522		0
177	Using Chemical Affinities to Understand Disequilibrium Textures of Plagioclase Preserved in Magmatic Systems. 2021 , 48, e2021GL092884		0
176	Combined phase diagram modelling and quartz-in-garnet barometry of HP metapelites from the Kamienec Metamorphic Belt (NE Bohemian Massif).		2
175	In situ high-temperature behaviour of fluor-elbaite: breakdown conditions and products. 2021 , 48, 1		0
174	Diagrams with multiple metals in CHNOSZ. 2021 , 10, 100059		1
173	The corundum conundrum: Constraining the compositions of fluids involved in ruby formation in metamorphic melanges of ultramafic and aluminous rocks. <i>Chemical Geology</i> , 2021 , 571, 120180	4.2	3
172	Thermal expansion of minerals in the pyroxene system and examination of various thermal expansion models. 2021 , 106, 883-899		1
171	High-Pressure Phase Stability and Thermoelastic Properties of Iron Carbonitrides and Nitrogen in the Deep Earth. <i>Journal of Geophysical Research: Solid Earth</i> , 2021 , 126, e2021JB021934	3.6	2
170	Interplay between fluid circulation and Alpine metamorphism in the Monte Rosa whiteschist from white mica and quartz in situ oxygen isotope analysis by SIMS. 2021 ,		
169	Metamorphism of the Central Bundelkhand Greenstone Complex, Indian Shield: Mineral Compositions, Paragenesises, and PáPath. <i>Petrology</i> , 2021 , 29, 404-438	1.2	6

168	GeoPS: An interactive visual computing tool for thermodynamic modelling of phase equilibria.		8
167	Retrograde carbon sequestration in orogenic complexes: A case study from the Chinese southwestern Tianshan. 2021 , 392-393, 106151		1
166	Rupture of wet mantle wedge by self-promoting carbonation. 2021 , 2,		8
165	Physicochemical Simulation of the Melting Process of Silicon-Containing Waste from the Energy Complex. 2021 , 73, 3000-3009		0
164	Petrology and geochronology of metamorphic rocks from the Bossangoa-Bossembele area, Northern Central African Republic—Evidence for Palaeoproterozoic high-grade metamorphism in the North Equatorial Fold Belt. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1	1.8	0
163	Dehydration Melting and Proterozoic Granite Petrogenesis in a Collisional Orogen—A Case from the Svecofennian of Southern Finland. 1		0
162	Ferrous/ferric (Fe ²⁺ /Fe ³⁺) partitioning among silicates in metapelites. <i>Contributions To Mineralogy and Petrology</i> , 2021 , 176, 1	3.5	3
161	Mechanism and Effect of the Dilution Gas Flow Rate on Various Fe ²⁺ /SiO ₂ Soft Magnetic Composites during Fluidised Bed Chemical Vapour Deposition. 2021 , 11, 963		1
160	COMMENTS ON THE ARTICLE AUTHORED BY M.V. MINTS AND K.A. DOKUKINA “THE BELOMORIAN ECLOGITE PROVINCE (EASTERN FENNOSCANDIAN SHIELD, RUSSIA): MESO-NEOARCHEAN OR LATE PALEOPROTEROZOIC?”. 2021 , 12, 652-661		
159	Ultrahigh-temperature decompression of sapphirine-granulites from the southern Madurai block (South India): Insights from geothermobarometry, pseudosection modelling and U-Pb geochronology. 2021 , 218, 104861		
158	Cyclic Brittle-Ductile Oscillations Recorded in Exhumed High-Pressure Continental Units: A Record of Deep Episodic Tremor and Slow Slip Events in the Northern Apennines. <i>Geochemistry, Geophysics, Geosystems</i> , 2021 , 22, e2021GC009805	3.6	2
157	High-pressure serpentinization and abiotic methane formation in metaperidotite from the Appalachian subduction, northern Vermont. 2021 , 396-397, 106190		4
156	Crustal melting and suprasolidus phase equilibria: From first principles to the state-of-the-art. 2021 , 221, 103778		1
155	Tectono-metamorphic evolution of the proto-Andean margin of Gondwana: Evidence of internal high-grade metamorphism along the northern portion of the Famatinian orogen, Sierra de Aconquija, Sierras Pampeanas Orientales, Argentina. 2021 , 110, 103305		1
154	Mg-sursassite thermo-elastic parameters and its relevance as a water carrier in subducting slabs. 2021 ,		
153	Synthesis, characterization, and thermodynamic study of selected K-based zeolites. 2021 , 148, 106537		1
152	Stability conditions and compositional variations of deerite in high-pressure meta-ironstone during subduction—exhumation processes (SW Tianshan, China). 2021 , 398-399, 106245		
151	A comparative study of two phase equilibria modeling tools: Morb equilibrium states at variable pressure and H ₂ O concentrations. 2021 ,		0

150	Thermodynamic assessment of the CaO-Gd ₂ O ₃ -Bi ₂ O ₃ system. 2021 , 75, 102348		
149	Heat capacities and standard entropies and enthalpies of some compounds essential for steelmaking and refractory design approximated by Debye-Einstein integrals. 2021 , 75, 102345		
148	Silicate garnets. 179-253		1
147	Thermobarometry Gone Astray. 2009 , 101-133		5
146	Encyclopedia of Sustainability Science and Technology. 2012 , 4094-4104		1
145	A Structure Energy Model for C ₂ /c Pyroxenes in the System Na-Mg-Ca-Mn-Fe-Al-Cr-Ti-Si-O. 1992 , 194-238		3
144	Encyclopedia of Geochemistry. <i>Encyclopedia of Earth Sciences Series</i> , 2017 , 1-19	0	1
143	Encyclopedia of Geochemistry. <i>Encyclopedia of Earth Sciences Series</i> , 2018 , 597-614	0	3
142	Aluminium-iron-Oxygen. 2008 , 124-171		1
141	Metamorphic Evolution. 1995 , 132-137		18
140	Metamorphic Evolution. 1995 , 201-213		12
139	Metamorphic Grade. 1994 , 99-144		2
138	Metamorphic Processes. 2002 , 49-104		1
137	From subduction to collision: thermal overprint of HP/LT meta-sediments in the north-eastern Lepontine Dome (Swiss Alps) and consequences regarding the tectono-metamorphic evolution of the Alpine orogenic wedge. 2008 , S127-S155		5
136	The Archaean Karelia and Belomorian Provinces, Fennoscandian Shield. 2014 , 55-102		19
135	Coupled Reaction and Flow in Subduction Zones: Silica Metasomatism in the Mantle Wedge. 1997 , 139-148		16
134	Numerical Modeling of Calcite Coarsening in the Aureoles of En Echelon Dikes: Analysis of the Kinetic Control of Isograd Geometry in Contact Metamorphism. 1999 , 109-141		4
133	The Composition of Groundwater in the Continental Crystalline Crust. 2000 , 141-175		15

132	The impact of Mg ²⁺ ions on equilibration of Mg-Ca carbonates in groundwater and brines. 2020 , 80, 125611		4
131	Two generations of Variscan garnet: Implications from a petrochronological study of a high-grade Avalonia-derived paragneiss from the Drosendorf unit, Bohemian Massif. 2020 , 85, 124-148		8
130	Calculating pressure with elastic geobarometry: A comparison of different elastic solutions with application to a calc-silicate gneiss from the Rhodope Metamorphic Province. 2020 , 378-379, 105803		6
129	The Marbat metamorphic core-complex (Southern Arabian Peninsula): Reassessment of the evolution of a Neoproterozoic island-arc from petrological, geochemical and U-Pb zircon data. 2018 , 305, 91-110		4
128	Essentials of Igneous and Metamorphic Petrology. 2019 ,		7
127	Essentials of Igneous and Metamorphic Petrology. 2019 , 82-89		1
126	Introduction to Numerical Geodynamic Modelling. 2019 ,		27
125	Regional Quartz Inclusion Barometry and Comparison with Conventional Thermobarometry and Intersecting Isopleths from the Connecticut Valley Trough, Vermont and Massachusetts, USA. <i>Journal of Petrology</i> , 2020 , 61,	3.9	7
124	Use of a miniature diamond-anvil cell in high-pressure single-crystal neutron Laue diffraction. 2016 , 3, 168-79		22
123	Thermodynamic mixing properties of binary oxide and silicate solid solutions determined by direct measurements. 71-100		13
122	Thermochemistry, energetic modelling and systematic. 5-31		3
121	UHPM units in the Western Alps. 13-49		30
120	Mineralogic reaction zones at a calc-silicate/metapelite interface: an example of trace element mobility in a metamorphic environment. 1994 , 58, 205-214		2
119	Sodium metasomatism along the Melones Fault Zone, Sierra Nevada Foothills, California, USA. 1995 , 59, 383-399		6
118	Timescales of quartz crystallization and the longevity of the Bishop giant magma body. 2012 , 7, e37492		77
117	Pressure-temperature path of metapelites from the Algy-Ferencszi area, SE Hungary: thermobarometric constraints from coexisting mineral assemblages and garnet zoning. 2002 , 45, 1-27		7
116	Thermodynamics of deep geophysical media. 1999 , 1, 11-49		3
115	Småld Mineral Ages and Pá Constraints on the Pre-Grampian High Grade Metamorphism of the Slishwood Division, North-West Ireland. 2005 , 23, 107-123		8

- 114 MODELING THE FORMATION OF FLUORIDE NITROGEN-RICH HOT SPRINGS IN THE WATER ÅŒ CRYSTALLINE ROCK SYSTEM. **2020**, 11, 378-396 1
- 113 Metamorphic Grade. **2002**, 105-168
- 112 Encyclopedia of Soil Science. *Encyclopedia of Earth Sciences Series*, **2008**, 539-547 0
- 111 Geochemical Modeling in Environmental and Geological Studies. **2012**, 209-218
- 110 Metabazyty pasma Nov^h ho MÅŒta. **2013**,
- 109 Generation of the Staurolite Based on a Relation Between Illite-Muscovite Transition: A Study on the Shale of the Baekunsa Formation, Buyeo. **2013**, 26, 55-64
- 108 Mineral Chemistry and Thermobarometry of the Upper Eocene Volcanic Rocks in NE Tafresh, Iran. **2014**, 04, 612-621 1
- 107 Metamorphic Process. **1994**, 45-97
- 106 The algorithm for drawing petrogenetic grids with Schreinemakers' method.. **1999**, 94, 254-260 1
- 105 Resource Assessments. **2014**, 188-205
- 104 Thermodynamics and Geothermal Systems. **2014**, 41-60
- 103 Reactive transport simulation and its background. **2015**, 44, 288-298
- 102 Investigation of Northeast Extension and Geological Evolution of the Sulu-Dabie High-Pressure Metamorphic Belt. **2016**, 06, 201-213
- 101 Mineral Matter Transformation in Furnaces. **2017**, 459-521
- 100 ~~ENCLOSURE~~
~~ENCLOSURE~~
-**2017**, 17-40 1
- 99 Encyclopedia of Geochemistry. *Encyclopedia of Earth Sciences Series*, **2017**, 1-13 0
- 98 Phase Equilibria. *Encyclopedia of Earth Sciences Series*, **2018**, 1220-1231 0
- 97 A Computational Mineralogy Study of the Crystal Structure and Stability of Aluminum Silicate (Al₂SiO₅) Minerals. **2018**, 31, 13-22

96 ORTA ANADOLU'DA EOSEN MAGMATİKLERİNDEKİ HİDROTERMAL ALTERASYONUN
MİNERALOGİSİ, PETROGRAFYASI VE KAYNAĞI, SİVAS-TÜRKİYE. **2019**, 1-2

95 MINERALOGY, PETROGRAPHY AND ORIGIN OF HYDROTHERMAL ALTERATION IN EOCENE
MAGMATITES IN CENTRAL ANATOLIA (SİVAS-TURKEY). 1-2

94 Essentials of Igneous and Metamorphic Petrology. **2019**, 168-182

93 Essentials of Igneous and Metamorphic Petrology. **2019**, 20-38

92 Essentials of Igneous and Metamorphic Petrology. **2019**, 206-216

91 Essentials of Igneous and Metamorphic Petrology. **2019**, 325-342

90 Essentials of Igneous and Metamorphic Petrology. **2019**, 293-314

89 Metamorphism of Calcareous Rocks and the Role of Fluids in Metamorphism. **2019**, 253-263

88 Essentials of Igneous and Metamorphic Petrology. **2019**, 183-195

87 Essentials of Igneous and Metamorphic Petrology. **2019**, 1-19

86 Glossary. **2019**, 315-324

85 Essentials of Igneous and Metamorphic Petrology. **2019**, 278-292

84 Essentials of Igneous and Metamorphic Petrology. **2019**, 109-129

83 Essentials of Igneous and Metamorphic Petrology. **2019**, 147-167

82 Essentials of Igneous and Metamorphic Petrology. **2019**, 50-66

81 Oceanic Magmatism. **2019**, 90-108

80 Essentials of Igneous and Metamorphic Petrology. **2019**, 39-49

79 Essentials of Igneous and Metamorphic Petrology. **2019**, 264-277

- 78 Essentials of Igneous and Metamorphic Petrology. **2019**, 343-350
- 77 Phase Relations and Mineral Reactions in Metamorphic Rocks. **2020**, 499-528
- 76 Third Law and Thermochemistry. **2020**, 79-100
- 75 Gleichgewicht in geologischen Systemen. **2020**, 13-43
- 74 Alpine peak pressure and tectono-metamorphic history of the Monte Rosa nappe: evidence from the cirque du V^o raz, upper Ayas valley, Italy. **2021**, 114, 20 1
- 73 Encyclopedia of Solid Earth Geophysics. *Encyclopedia of Earth Sciences Series*, **2020**, 1-10 0
- 72 A ~2.051 Ga anatectic event and peraluminous leucogranite from the Mahalapye Complex, northern edge of the Kaapvaal Craton: Record of an effect of Bushveld mafic magmatism. **2020**, 378-379, 105805 1
- 71 Metamorphism of the Central Bundelkhand Greenstone Complex of the Bundelkhand Craton, Indian Shield and Its Geodynamic Setting. **2021**, 143-154 1
- 70 Essentials of Igneous and Metamorphic Petrology. **2019**, 234-252
- 69 Essentials of Igneous and Metamorphic Petrology. **2019**, 217-233
- 68 Essentials of Igneous and Metamorphic Petrology. **2019**, 67-81
- 67 Essentials of Igneous and Metamorphic Petrology. **2019**, 130-146
- 66 Essentials of Igneous and Metamorphic Petrology. **2019**, xi-xii
- 65 Essentials of Igneous and Metamorphic Petrology. **2019**, 196-205
- 64 Stress, microstructure, and deformation mechanisms during subduction underplating at the depth of tremor and slow slip, Franciscan Complex, northern California. *Journal of Structural Geology*, **2021**, 104469 3 1
- 63 Encyclopedia of Geochemistry. **1999**, 21-23 1
- 62 Al₂SiO₅ and related compounds. 284-338
- 61 Activity-composition relationships and pressure-temperature determinations in metamorphic rocks. 101-118

60	Thermal Storage and Transport Properties of Rocks, I: Heat Capacity and Latent Heat. <i>Encyclopedia of Earth Sciences Series</i> , 2021 , 1-10	0	
59	Instability of Al ₂ SiO ₅ Triple Point Assemblages as a Consequence of Polymetamorphism in Al-Rich Metapelites. <i>Petrology</i> , 2020 , 28, 532-548	1.2	0
58	Investigation of chemistry and the style of formation of calc-silicate minerals in Aghbolagh skarn zone, north of Oshnavieh, West-Azarbaidjan Province, NW Iran. <i>Iranian Journal of Crystallography and Mineralogy</i> , 2020 , 28, 577-590	0.2	
57	Tectono-metamorphic evolution of the continental units along the edge between Alpine and Hercynian Corsica.		0
56	Mineral associations and their distribution in hydrothermal alteration zones of the Chelopech high-sulphidation deposit, Bulgaria. <i>Geologica Balcanica</i> , 2017 , 46, 11-16	0.4	1
55	Listvenite Formation During Mass Transfer into the Leading Edge of the Mantle Wedge: Initial Results from Oman Drilling Project Hole BT1B. <i>Journal of Geophysical Research: Solid Earth</i> , 2022 , 127,	3.6	2
54	Thermodynamic Modeling of the Formation of Corundum-Bearing Metasomatic Rocks in the Belomorian Mobile Belt, Fennoscandian Shield. <i>Petrology</i> , 2022 , 30, 60-81	1.2	
53	Assessment of thermodynamic functions in the MgO-Al ₂ O ₃ -SiO ₂ system. <i>International Journal of Materials Research</i> , 2022 , 95, 793-805	0.5	2
52	TitaniQ revisited: expanded and improved Ti-in-quartz solubility model for thermobarometry. <i>Contributions To Mineralogy and Petrology</i> , 2022 , 177, 1	3.5	1
51	Element mobility during formation of the Ruwai Zn-Pb-Ag skarn deposit, Central Borneo, Indonesia. <i>Resource Geology</i> , 2022 , 72,	1	0
50	Thermal Conductivity and Thermal Diffusivity of Talc at High Temperature and Pressure With Implications for the Thermal Structure of Subduction Zones. <i>Journal of Geophysical Research: Solid Earth</i> , 2022 , 127,	3.6	0
49	Two High-Pressure Metamorphic Events in Early Precambrian Eclogites of the Gridino Area, Belomorian Province of the Fennoscandian Shield: Petrology and Geochronology. <i>Petrology</i> , 2022 , 30, 147-170	1.2	2
48	Thermolab: A Thermodynamics Laboratory for Nonlinear Transport Processes in Open Systems. <i>Geochemistry, Geophysics, Geosystems</i> , 2022 , 23,	3.6	1
47	A likely geological record of deep tremor and slow slip events from a subducted continental broken formation.. <i>Scientific Reports</i> , 2022 , 12, 4506	4.9	3
46	Conditions and Mechanisms of the Formation of Sulfide-Oxide Mineralization upon Melt Differentiation in the Intermediate Chamber: Example of Intrusion on the Western Slope of the Southern Urals. <i>Geology of Ore Deposits</i> , 2021 , 63, 556-578	0.7	1
45	Melt- to Shear-Controlled Exhumation of Granulites in Granite-Gneiss Domes: Petrological Perspectives from Metapelite of the Neoproterozoic Ha-Tshanzi Structure, Limpopo Complex, South Africa. <i>Journal of Petrology</i> , 2021 , 62,	3.9	
44	Data_Sheet_1.PDF. 2019 ,		
43	Characterization of the high-pressure and high-temperature phase diagram and equation of state of chromium.. <i>Scientific Reports</i> , 2022 , 12, 6727	4.9	1

42	Metasomatism under Thermogradient Conditions: Models for the Coupled Heat Transfer and Fluid-Rock Interaction. <i>Petrology</i> , 2022 , 30, 305-324	1.2	
41	Petrology and geochemistry of the Palaeo-Mesoarchean Banded Iron formations (BIFs) from the central Bundelkhand greenstone belts, Bundelkhand Craton, India: Source characteristics and depositional environment. <i>Geological Journal</i> ,	1.7	1
40	Non-ideal Mg-Fe binary mixing in cordierite: Constraints from experimental data on Mg-Fe partitioning in garnet and cordierite and a reformulation of garnet-cordierite geothermometer. <i>Journal of Earth System Science</i> , 1996 , 105, 365-377	1.8	4
39	Internally consistent calibrations for geothermobarometry of high-grade Mg-Al rich rocks in the system MgO-Al ₂ O ₃ -SiO ₂ and their application to sapphirine-spinel granulites of Eastern Ghats, India and Enderby Land, Antarctica. <i>Journal of Earth System Science</i> , 1997 , 106, 91-113	1.8	6
38	K- and Na-rich volcanic rocks of Asagi igneous complex, eastern Iran. <i>Arabian Journal of Geosciences</i> , 2022 , 15,	1.8	
37	High-pressure and high-temperature structure and equation of state of Na ₃ Ca ₂ La(CO ₃) ₃ burbankite. <i>European Journal of Mineralogy</i> , 2022 , 34, 351-358		
36	PyGeochemCalc: A Python package for geochemical thermodynamic calculations from ambient to deep Earth conditions. <i>Chemical Geology</i> , 2022 , 606, 120984	4.2	1
35	Phasengleichgewichte und Mineralreaktionen in metamorphen Gesteinen. 2022 , 589-624		
34	Eclogites of the Belomorian Mobile Belt: Geological-Petrological and Isotope-Geochemical Age Criteria. <i>Geochemistry International</i> , 2022 , 60, 626-640	0.8	
33	P-T-X (Fe-Mg) Relations of Cummingtonite-sillimanite-cordierite-quartz-H ₂ O Equilibrium: Implications on Evolution of Metamorphic Rocks. <i>Journal of the Geological Society of India</i> , 2022 , 98, 976-980	1.3	0
32	Oxygen extraction from lunar dry regolith: Thermodynamic numerical characterization of the carbothermal reduction. <i>Acta Astronautica</i> , 2022 , 199, 113-124	2.9	0
31	An Experimental Study on Kinetics-Controlled Ca-Carbonate Aqueous Reduction into CH ₄ (1 and 2 GPa, 550°C): Implications for C Mobility in Subduction Zones. 2022 , 63,		0
30	Asynchronous infiltration-driven growth of forsterite and periclase during metamorphism in marbles of the inner Alta aureole, Utah: $\delta^{18}\text{O}$ and textural records of oxygen isotope disequilibrium, rapid forsterite growth and reaction history. 2022 , 177,		
29	Ti-Fe-Cr spinels in layered (stratified) complexes of the western slope of the Southern Urals: species diversity and formation conditions. 255, 476-492		
28	Formation of corundum in direct contact with quartz and biotite in clockwise P - T trajectory from the Sârondane Mountains, East Antarctica. 2022 , 117, n/a		0
27	Effect of Technological Parameters on the Formation of Igneous Rock Melts (for Gabbro Used As an Example). 2022 , 56, 572-577		0
26	The Specific Heat of Astro-materials: Review of Theoretical Concepts, Materials, and Techniques. 2022 , 43,		0
25	Abundant phosphorus expected for possible life in Enceladus's ocean. 2022 , 119,		0

24	Formation and preservation of brucite and awaruite in serpentinized and tectonized mantle in central British Columbia: implications for carbon mineralization and nickel mining.	0
23	Favorable P-T conditions for abiotic CH_4 production in subducted oceanic crusts: A comparison between CH_4 -bearing ultrahigh- and CO_2 -bearing high-pressure eclogite. 2022 , 336, 269-290	3
22	Gabbroic eclogites formed during rapid and cold subduction of the Paleo-Tethys oceanic lithosphere in the Changning-Menglian Orogenic Belt, southeastern Tibetan Plateau.	1
21	Metamorphism and Deformation on Subduction Interfaces II: Petrological and Tectonic Implications.	1
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14	Metamorphic Processes. 2023 , 65-135	0
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11	Effect of using grounded coral sand on hydration and strength development of portland cement paste: Experimental and GEMS modelling investigation. 2023 , 106001	0
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9	Thermal expansion behavior of Li-bearing tourmalines investigated by high-temperature synchrotron-based X-ray diffraction. 2023 , 177, 111278	0
8	Phase equilibrium modelling of partial melting in the upper mantle: A comparison between different modelling methodologies and experimental results. 2023 , 444-445, 107111	0
7	E. S. Fedorov & Drusites Metamorphic Reaction Structures in Paleoproterozoic Metagabbro-norites of the Belomorian Province of the Fennoscandian Shield. 2023 , 9-16	0

- 6 Metasomatic reactions triggered by localized and dynamically evolving fluid flux record multistage intrusion history: An example from the syntectonic Caçapava do Sul Granitic Complex, Southern Brazil. **2023**, 442-443, 107103
- 5 Large-strain Elastic and Elasto-Plastic Formulations for Host-Inclusion Systems and Their Applications in Thermobarometry and Geodynamics. 323,
- 4 Exploring the thermal behaviour of the solvated structures of nifedipine. **2023**, 79, 164-175
- 3 The Formation of the Composition of Thermal Waters of Present-Day Volcanoes Based on the Example of the Golovnin Caldera, Kunashir Island, Kuril Islands. **2023**, 17, 90-100
- 2 P-T parameters of metamorphism of the rocks of the differentiated body of the Misaelga complex (western slope of the Southern Urals). **2023**, 35-54
- 1 Coupled Solubility of Cu and Ag in Chloride-Bearing Hydrothermal Fluids (350–500°C, 100–500 bar). **2023**, 65, 11-27