Georges Calas

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7432311/publications.pdf

Version: 2024-02-01

138 papers	6,581 citations	50276 46 h-index	74163 75 g-index
152 all docs	152 docs citations	152 times ranked	5927 citing authors

#	Article	IF	Citations
1	Role of alkali field strength on the speciation of Ni2+ in alkali borate glasses: comparison with crystalline Ni-borates. Journal of Non-Crystalline Solids, 2022, 577, 121320.	3.1	4
2	The rose of the Sainte-Chapelle in Paris: sophisticated stained glasses for late medieval painters. Comptes Rendus - Geoscience, 2022, 354, 101-120.	1.2	2
3	Spectroscopic properties of alkali borate glasses containing Cu2+. Journal of Non-Crystalline Solids, 2022, 591, 121711.	3.1	5
4	The unique speciation of iron in calc-alkaline obsidians. Chemical Geology, 2021, 559, 119925.	3.3	7
5	Structural role of titanium on slag properties. Journal of the American Ceramic Society, 2021, 104, 105-113.	3.8	13
6	Thirteenth-century stained glass windows of the Sainte-Chapelle in Paris: An insight into medieval glazing work practices. Journal of Archaeological Science: Reports, 2021, 35, 102753.	0.5	8
7	Molecular structure of amorphous slags: An experimental and numerical approach. Journal of Non-Crystalline Solids, 2021, 556, 120444.	3.1	3
8	Mn3+ and the pink color of gem-quality euclase from Northeast Brazil. American Mineralogist, 2021, , .	1.9	0
9	Sodium nanoparticles in alkali halide minerals: Why is villiaumite red and halite blue?. American Mineralogist, 2021, 106, 838-842.	1.9	2
10	The representation of skin colour in medieval stained glasses: The role of manganese. Journal of Archaeological Science: Reports, 2021, 38, 103082.	0.5	4
11	Structural significance of nickel sites in aluminosilicate glasses. Journal of Non-Crystalline Solids, 2020, 539, 120070.	3.1	4
12	Australian laterites reveal mechanisms governing scandium dynamics in the critical zone. Geochimica Et Cosmochimica Acta, 2019, 260, 292-310.	3.9	34
13	Speciation Change of Uranyl in Lithium Borate Glasses. Inorganic Chemistry, 2019, 58, 6858-6865.	4.0	23
14	The Grande Rose of theÂReims Cathedral: an eight-century perspective on the colour management of medieval stained glass. Scientific Reports, 2019, 9, 3287.	3.3	21
15	Incipient formation of zircon and hafnon during glass alteration at 90Â°C. Journal of the American Ceramic Society, 2019, 102, 3123-3128.	3.8	3
16	Analytical fitting of temperature-dependent spin-flip transitions in absorption spectra of Cr3+-doped silicate glasses. Chemical Physics Letters: X, 2019, 2, 100003.	2.1	3
17	HOW TO WRITE A GOOD ARTICLE FOR PUBLICATION IN TERRA NOVA. Terra Nova, 2018, 30, 389-392.	2.1	0
18	Influence of crystallographic environment on scandium K-edge X-ray absorption near-edge structure spectra. Physical Chemistry Chemical Physics, 2018, 20, 23903-23912.	2.8	14

#	Article	IF	Citations
19	Nondestructive Redox Quantification Reveals Glassmaking of Rare French Gothic Stained Glasses. Analytical Chemistry, 2017, 89, 6277-6284.	6.5	17
20	Thermodynamic insight into the evolution of medieval glassworking properties. Journal of the American Ceramic Society, 2017, 100, 2363-2367.	3.8	8
21	Improving Mitigation of the Long-Term Legacy of Mining Activities: Nano- and Molecular-Level Concepts and Methods. Elements, 2017, 13, 325-330.	0.5	10
22	Mineral Resources and Sustainable Development. Elements, 2017, 13, 301-306.	0.5	34
23	Spectroscopic Investigation of the Coloration and Fabrication Conditions of Medieval Blue Glasses. Journal of the American Ceramic Society, 2016, 99, 89-97.	3.8	28
24	Debate articles: have changes in Quaternary climate affected erosion?. Terra Nova, 2016, 28, 1-1.	2.1	0
25	Calculation of optical and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>K</mml:mi></mml:math>pre-edge absorption spectra for ferrous iron of distorted sites in oxide crystals. Physical Review B, 2016, 94, .	3.2	13
26	Effect of cation field strength on Co2+ speciation in alkali-borate glasses. Journal of Non-Crystalline Solids, 2016, 451, 101-110.	3.1	28
27	Assessment of Transition Element Speciation in Glasses Using a Portable Transmission Ultravioletâ€“Visibleâ€“Near-Infrared (UV-Vis-NIR) Spectrometer. Applied Spectroscopy, 2016, 70, 778-784.	2.2	12
28	Evolution of uranium distribution and speciation in mill tailings, COMINAK Mine, Niger. Science of the Total Environment, 2016, 545-546, 340-352.	8.0	31
29	Luminescence of uranium-bearing opals: Origin and use as a pH record. Chemical Geology, 2016, 423, 1-6.	3.3	9
30	A new type of article for Terra Nova. Terra Nova, 2015, 27, 399-399.	2.1	0
31	Optical Absorption Microspectroscopy (Î¼-OAS) Based on Schwarzschild-Type Cassegrain Optics. Applied Spectroscopy, 2015, 69, 457-463.	2.2	9
32	Zr environment and nucleation role in aluminosilicate glasses. Materials Chemistry and Physics, 2015, 152, 41-47.	4.0	42
33	Comment on â€˜Effect of TiO 2 content on the crystallization and the color of (ZrO 2 , TiO 2)-doped Li 2 Oâ€“Al 2 O 3 â€“SiO 2 glassesâ€™ by M. Chavoutier, D. Caurant, O. Majerus, R. Boulesteix, P. Loiseau, C. Jousseaume, E. Brunet and E. Lecomte [J. Non-Cryst. Solids 384 (2013) 15]. Journal of Non-Crystalline Solids, 2015, 408, 152-153.	3.1	1
34	Environmental Mineralogy: New Challenges, New Materials. Elements, 2015, 11, 247-252.	0.5	10
35	Diluted Fe 3+ in silicate glasses: Structural effects of Fe-redox state and matrix composition. An optical absorption and X-band/Q-band EPR study. Journal of Non-Crystalline Solids, 2015, 428, 138-145.	3.1	46
36	The Structural Properties of Cations in Nuclear Glasses. , 2014, 7, 23-31.		34

#	Article	IF	Citations
37	Field analyses of 238 U and 226 Ra in two uranium mill tailings piles from Niger using portable HPGe detector. Journal of Environmental Radioactivity, 2014, 137, 105-112.	1.7	34
38	Local Ordering Around Tetrahedral Co²⁺ in Silicate Glasses. Journal of the American Ceramic Society, 2014, 97, 60-62.	3.8	33
39	Evidence for nanocrystals of vorlanite, a rare uranate mineral, in the Nopal I low-temperature uranium deposit (Sierra Pena Blanca, Mexico). American Mineralogist, 2013, 98, 518-521.	1.9	14
40	Uranium Association with Iron-Bearing Phases in Mill Tailings from Gunnar, Canada. Environmental Science & Technology, 2013, 47, 12695-12702.	10.0	31
41	Evolution of the <scp><scp>Ni</scp></scp>²⁺ Environment During the Formation of a <scp><scp>MgO</scp></scp>â€“<scp><scp>Al</scp></scp>₂<scp><scp>O</scp></scp>₃â€“<scp><scp>Si Glassâ€Ceramic: A Combined <scp>XRD</scp> and Diffuse Reflectance Spectroscopy Approach. Journal of the American Ceramic Society, 2012, 95, 3483-3489.	3.8	15
42	Structural and biological control of the Cenozoic epithermal uranium concentrations from the Sierra PeÃ±a Blanca, Mexico. Mineralium Deposita, 2012, 47, 859-874.	4.1	15
43	Experimental and theoretical study of the vibrational properties of diaspore (Î±-AlOOH). Physics and Chemistry of Minerals, 2012, 39, 93-102.	0.8	22
44	Mineral-Aqueous Solution Interfaces and Their Impact on the Environment. Geochemical Perspectives, 2012, , 483-742.	4.5	73
45	Mesoscopic scale description of nucleation processes in glasses. Applied Physics Letters, 2011, 99, .	3.3	40
46	Distinctive Arsenic(V) Trapping Modes by Magnetite Nanoparticles Induced by Different Sorption Processes. Environmental Science & Technology, 2011, 45, 7258-7266.	10.0	94
47	Spectroscopic investigation and theoretical modeling of kaolinite-group minerals and other low-temperature phases. Comptes Rendus - Geoscience, 2011, 343, 177-187.	1.2	12
48	Deciphering the weathering processes using environmental mineralogy and geochemistry: Towards an integrated model of laterite and podzol genesis in the Upper Amazon Basin. Comptes Rendus - Geoscience, 2011, 343, 188-198.	1.2	35
49	Environmental mineralogy â€“ Understanding element behavior in ecosystems. Comptes Rendus - Geoscience, 2011, 343, 90-112.	1.2	54
50	New insight into the structure of nanocrystalline ferrihydrite: EXAFS evidence for tetrahedrally coordinated iron(III). Geochimica Et Cosmochimica Acta, 2011, 75, 2708-2720.	3.9	139
51	Structural changes between soda-lime silicate glass and melt. Journal of Non-Crystalline Solids, 2011, 357, 926-931.	3.1	42
52	V oxidation state in Feâ€“Ti oxides by high-energy resolution fluorescence-detected X-ray absorption spectroscopy. Physics and Chemistry of Minerals, 2011, 38, 449-458.	0.8	65
53	In Situ study of Nucleation of Zirconia in an MgOâ€“Al₂O₃â€“SiO₂ Glass. Journal of the American Ceramic Society, 2010, 93, 342-344.	3.8	55
54	Structural Evolution of Nuclear Glasses under Forcing Conditions (Irradiation, Alteration). Materials Research Society Symposia Proceedings, 2010, 1265, 1.	0.1	4

#	Article	IF	Citations
55	Electronic structure and local environment of substitutional V3+ in grossular garnet Ca3Al2(SiO4)3: K-edge X-ray absorption spectroscopy and first-principles modeling. American Mineralogist, 2010, 95, 1161-1171.	1.9	20
56	Structure refinement of a synthetic knorringite, Mg3(Cr0.8Mg0.1Si0.1)2(SiO4)3. American Mineralogist, 2010, 95, 59-63.	1.9	15
57	XANES Evidence for Rapid Arsenic(III) Oxidation at Magnetite and Ferrihydrite Surfaces by Dissolved O₂ via Fe²⁺-Mediated Reactions. Environmental Science & Technology, 2010, 44, 5416-5422.	10.0	165
58	Structural evolution of glass surface during alteration: Application to nuclear waste glasses. Journal of Non-Crystalline Solids, 2010, 356, 2497-2508.	3.1	39
59	Structural role of Zr4+ as a nucleating agent in a MgOâ€“Al2O3â€“SiO2 glass-ceramics: A combined XAS and HRTEM approach. Journal of Non-Crystalline Solids, 2010, 356, 2928-2934.	3.1	49
60	First investigations of the influence of IVB elements (Ti, Zr, and Hf) on the chemical durability of soda-lime borosilicate glasses. Journal of Non-Crystalline Solids, 2010, 356, 2315-2322.	3.1	46
61	Spectroscopic and structural properties of Cr3+ in silicate glasses: Cr3+ does not probe the average glass structure. Journal of Non-Crystalline Solids, 2010, 356, 2228-2234.	3.1	25
62	Evidence for Different Surface Speciation of Arsenite and Arsenate on Green Rust: An EXAFS and XANES Study. Environmental Science & Technology, 2010, 44, 109-115.	10.0	98
63	Arsenite sequestration at the surface of nano-Fe(OH)2, ferrous-carbonate hydroxide, and green-rust after bioreduction of arsenic-sorbed lepidocrocite by Shewanella putrefaciens. Geochimica Et Cosmochimica Acta, 2009, 73, 1359-1381.	3.9	88
64	Alteration geochemistry of the Nopal I uranium deposit (Sierra PeÃ±a Blanca, Mexico), a natural analogue for a radioactive waste repository in volcanic tuffs. Terra Nova, 2008, 20, 206-212.	2.1	15
65	Extended X-ray Absorption Fine Structure Analysis of Arsenite and Arsenate Adsorption on Maghemite. Environmental Science & Technology, 2008, 42, 2361-2366.	10.0	107
66	Nature and distribution of iron sites in a sodium silicate glass investigated by neutron diffraction and EPSR simulation. Journal of Non-Crystalline Solids, 2008, 354, 5378-5385.	3.1	59
67	Arsenite sorption at the magnetiteâ€“water interface during aqueous precipitation of magnetite: EXAFS evidence for a new arsenite surface complex. Geochimica Et Cosmochimica Acta, 2008, 72, 2573-2586.	3.9	113
68	X-ray linear dichroism in cubic compounds: The case of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mtext>Cr</mml:mtext></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mr xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>MgAl</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:m Physical Review B, 2008, 78, .	3.2	50
69	Radiation-Stability of Smectite. Environmental Science & Technology, 2008, 42, 8407-8411.	10.0	27
70	Boroxol Rings in Liquid and Vitreous<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi mathvariant="normal">B</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>from First Principles. Physical Review Letters, 2008, 101, 065504.	7.8	131
71	Structural relaxation around substitutional Cr3+ in pyrope garnet. American Mineralogist, 2008, 93, 800-805.	1.9	30
72	Dissolution of radiation-damaged zircon in lateritic soils. American Mineralogist, 2007, 92, 1978-1989.	1.9	43

#	Article	IF	Citations
73	Inheritance <I>vs.</I> neoformation of kaolinite during lateritic soil formation: a case study in the middle Amazon Basin. Clays and Clay Minerals, 2007, 55, 253-259.	1.3	30
74	Reconstruction of past U migration in a sedimentary deposit (Coutras, France): Implications for a radwaste repository. Chemical Geology, 2007, 239, 50-63.	3.3	20
75	Al speciation in tropical podzols of the upper Amazon Basin: A solid-state 27Al MAS and MQMAS NMR study. Geochimica Et Cosmochimica Acta, 2007, 71, 3211-3222.	3.9	34
76	Structure of single and mixed alkali Liâ€“Rb borate glasses by neutron diffraction. Journal of Non-Crystalline Solids, 2007, 353, 1779-1784.	3.1	13
77	Structural relaxation around substitutionalCr3+inMgAl2O4. Physical Review B, 2007, 76, .	3.2	43
78	EXAFS Signatures of Structural Zn at Trace Levels in Layered Minerals. AIP Conference Proceedings, 2007, , .	0.4	0
79	XANES Determination of Chromium Oxidation States in Glasses: Comparison With Optical Absorption Spectroscopy. Journal of the American Ceramic Society, 2007, 90, 3578-3581.	3.8	33
80	Determination of Fe3+ sites in a NaFeSi2O6 glass by neutron diffraction with isotopic substitution coupled with numerical simulation. Applied Physics Letters, 2006, 89, 141911.	3.3	29
81	EXAFS signature of structural Zn at trace levels in natural and synthetic trioctahedral 2:1 phyllosilicates. American Mineralogist, 2006, 91, 1432-1441.	1.9	15
82	The oxidation state of vanadium in titanomagnetite from layered basic intrusions. American Mineralogist, 2006, 91, 953-956.	1.9	61
83	Crystal field spectroscopy of Cr3+ in glasses: Compositional dependence and thermal site expansion. Chemical Geology, 2006, 229, 218-226.	3.3	32
84	Determination of the thermal expansion of Cr3+ sites in glasses. Applied Physics Letters, 2006, 88, 121918.	3.3	5
85	Relationship Between Structure and Glass Transition Temperature in Lowâ€silica Calcium Aluminosilicate Glasses: the Origin of the Anomaly at Low Silica Content. Journal of the American Ceramic Society, 2005, 88, 2292-2299.	3.8	69
86	The origin of the green color of variscite. American Mineralogist, 2005, 90, 984-990.	1.9	12
87	Formation and evolution of lateritic profiles in the middle Amazon basin: Insights from radiation-induced defects in kaolinite. Geochimica Et Cosmochimica Acta, 2005, 69, 2193-2204.	3.9	54
88	EXAFS Analysis of Arsenite Adsorption onto Two-Line Ferrihydrite, Hematite, Goethite, and Lepidocrocite. Environmental Science & Technology, 2005, 39, 9147-9155.	10.0	348
89	Colour centre production in yttria-stabilized zirconia by swift charged particle irradiations. Journal of Physics Condensed Matter, 2004, 16, 3957-3971.	1.8	60
90	A neutron diffraction study of temperature-induced structural changes in potassium disilicate glass and melt. Chemical Geology, 2004, 213, 89-102.	3.3	46

#	Article	IF	Citations
91	The effect of redox state on the local structural environment of iron in silicate glasses: a combined XAFS spectroscopy, molecular dynamics, and bond valence study. Journal of Non-Crystalline Solids, 2004, 344, 176-188.	3.1	187
92	Bacterial Formation of Tooeleite and Mixed Arsenic(III) or Arsenic(V)â^'Iron(III) Gels in the CarnoulÃ¨s Acid Mine Drainage, France. A XANES, XRD, and SEM Study. Environmental Science & Technology, 2003, 37, 1705-1712.	10.0	190
93	Chemical dependence of network topology of calcium aluminosilicate glasses: a computer simulation study. Journal of Non-Crystalline Solids, 2003, 332, 255-270.	3.1	149
94	Chemical stability of Ni-enriched nanodomains in alkali borate glasses. Journal of Non-Crystalline Solids, 2003, 321, 197-203.	3.1	11
95	Structural Modifications between Lithium-Diborate Glasses and Melts:Â Implications for Transport Properties and Melt Fragility. Journal of Physical Chemistry B, 2003, 107, 13044-13050.	2.6	23
96	Radiation-induced Defects in Nonradioactive Natural Minerals: Mineralogical and Environmental Significance. Materials Research Society Symposia Proceedings, 2003, 792, 22.	0.1	1
97	Occurrence of Zn/Al hydrotalcite in smelter-impacted soils from northern France: Evidence from EXAFS spectroscopy and chemical extractions. American Mineralogist, 2003, 88, 509-526.	1.9	101
98	Temperature-induced boron coordination change in alkali borate glasses and melts. Physical Review B, 2003, 67, .	3.2	85
99	Medium-range order in alkali metaphosphate glasses and melts investigated by reverse Monte Carlo simulations and diffraction analysis. Physical Review B, 2003, 67, .	3.2	8
100	The aperiodic states of zircon: an ab initio molecular dynamics study. American Mineralogist, 2003, 88, 1769-1777.	1.9	28
101	Radiation-induced defects in dickites from the El Berrocal granitic system (Spain): relation with past occurrence of natural radioelements. European Journal of Mineralogy, 2003, 15, 629-640.	1.3	23
102	Organization Around Cations in Oxide Glasses Using X-Ray Absorption Spectroscopy. AIP Conference Proceedings, 2003, , .	0.4	0
103	EXAFS evidence of sorbed arsenic(V) and pharmacosiderite in a soil overlying the Echassiel€res geochemical anomaly, Allier, France. Bulletin - Societie Geologique De France, 2002, 173, 281-291.	2.2	53
104	Native Cd+ in sedimentary fluorapatite. European Journal of Mineralogy, 2002, 14, 1087-1094.	1.3	8
105	Structureâ€"property relationships in multicomponent oxide glasses. Comptes Rendus Chimie, 2002, 5, 831-843.	0.5	102
106	Title is missing!. European Journal of Mineralogy, 2002, 14, 1007-1007.	1.3	0
107	Surface chemistry of weathered zircons. Chemical Geology, 2001, 181, 13-22.	3.3	47
108	Environment of Ni, Co and Zn in low alkali borate glasses: information from EXAFS and XANES spectra. Journal of Non-Crystalline Solids, 2001, 293-295, 105-111.	3.1	45

#	Article	IF	Citations
109	Mineralogy of lead in a soil developed on a Pb-mineralized sandstone (LargentiÃ¨re, France). American Mineralogist, 2001, 86, 92-104.	1.9	49
110	Metamictization and chemical durability of detrital zircon. American Mineralogist, 2001, 86, 1025-1033.	1.9	124
111	First principles study of water adsorption on the (100) surface of zircon: Implications for zircon dissolution. American Mineralogist, 2001, 86, 910-914.	1.9	10
112	Short- and medium-range structural order around cations in glasses: aÂmultidisciplinary approach. Comptes Rendus Physique, 2001, 2, 249-262.	0.1	8
113	First-principles modeling of the infrared spectrum of kaolinite. American Mineralogist, 2001, 86, 1321-1330.	1.9	201
114	Role of Structural Fe(III) and Iron Oxide Nanophases in Mullite Coloration. Journal of the American Ceramic Society, 2001, 84, 1627-1631.	3.8	13
115	Migration and segregation of sodium under Î²-irradiation in nuclear glasses. Nuclear Instruments & Methods in Physics Research B, 2000, 166-167, 500-504.	1.4	59
116	Structure and properties of low-silica calcium aluminosilicate glasses. Journal of Non-Crystalline Solids, 2000, 274, 110-114.	3.1	119
117	Structural chemistry of uranium associated with Si, Al, Fe gels in a granitic uranium mine. Chemical Geology, 1999, 158, 81-103.	3.3	80
118	XAFS determination of the chemical form of lead in smelter-contaminated soils and mine tailings; importance of adsorption processes. American Mineralogist, 1999, 84, 420-434.	1.9	174
119	Evidence for 6â€Coordinated Zirconium in Inactive Nuclear Waste Glasses. Journal of the American Ceramic Society, 1999, 82, 2219-2224.	3.8	102
120	Radiation induced paramagnetic centres in nuclear glasses by EPR spectroscopy. Nuclear Instruments & Methods in Physics Research B, 1998, 141, 580-584.	1.4	87
121	Chapter 9. X-RAY SCATTERING AND X-RAY SPECTROSCOPY STUDIES OF SILICATE MELTS. , 1995, , 317-410.		38
122	Spectroscopic Approach for Investigating the Status and Mobility of Ti in Kaolinitic Materials. Clays and Clay Minerals, 1995, 43, 615-621.	1.3	21
123	Fe-Speciation in Kaolins: A Diffuse Reflectance Study. Clays and Clay Minerals, 1994, 42, 137-147.	1.3	62
124	Mn2+-activated luminescence in dolomite, calcite and magnesite: quantitative determination of manganese and site distribution by EPR and CL spectroscopy. Chemical Geology, 1993, 104, 189-202.	3.3	76
125	Mn2+-bearing kaolinites from lateritic weathering profiles: Geochemical significance. Geochimica Et Cosmochimica Acta, 1993, 57, 1029-1037.	3.9	18
126	Structural environment of nickel in silicate glass/melt systems: Part 1. Spectroscopic determination of coordination states. Geochimica Et Cosmochimica Acta, 1993, 57, 3613-3626.	3.9	146

#	Article	IF	Citations
127	Structural environment of nickel in silicate glass/melt systems: Part 2. Geochemical implications. Geochimica Et Cosmochimica Acta, 1993, 57, 3627-3633.	3.9	36
128	Inhomogeneous distribution of Cr impurities in Î±â€“Al2O3 during refractory aging. Journal of Materials Research, 1993, 8, 1153-1157.	2.6	4
129	Radiation-induced defects in kaolinites: indirect assessment of radionuclide migration in the geosphere. Applied Geochemistry, 1992, 7, 205-216.	3.0	25
130	Structural environments of incompatible elements in silicate glass/melt systems: II. UIV, UV, and UVI. Geochimica Et Cosmochimica Acta, 1992, 56, 4205-4220.	3.9	127
131	Alumina fused cast refractory aging monitored by nickel crystal chemistry. Journal of Materials Research, 1991, 6, 2434-2441.	2.6	8
132	Study of two alteration systems as natural analogues for radionuclide release and migration. Engineering Geology, 1990, 29, 413-439.	6.3	39
133	Paramagnetic Defect Centers in Hydrothermal Kaolinite from an Altered Tuff in the Nopal Uranium Deposit, Chihuahua, Mexico. Clays and Clay Minerals, 1990, 38, 600-608.	1.3	40
134	Tracing kaolinites through their defect centers; kaolinite paragenesis in a laterite (Cameroon). Economic Geology, 1989, 84, 694-707.	3.8	52
135	Chapter 12. ELECTRON PARAMAGNETIC RESONANCE. , 1988, , 513-572.		23
136	Trace element distribution coefficients in alkaline series. Geochimica Et Cosmochimica Acta, 1987, 51, 1071-1081.	3.9	212
137	X-ray absorption spectroscopic studies of silicate glasses and minerals. Physics and Chemistry of Minerals, 1987, 15, 19-29.	0.8	61
138	On the blue colour of natural banded fluorites. Mineralogical Magazine, 1972, 38, 977-979.	1.4	1