

Laurent Charlet

List of Publications by Year in descending order

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220
papers

16,310
citations

13068

68
h-index

17055

122
g-index

232
all docs

232
docs citations

232
times ranked

13371
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced characterizations for stabilization/solidification technologies. , 2022, , 497-516.		1
2	DNA Double-Strand Breaks Induced in Human Cells by 6 Current Pesticides: Intercomparisons and Influence of the ATM Protein. <i>Biomolecules</i> , 2022, 12, 250.	1.8	6
3	Redox Interaction between Selenite and Mackinawite in Cement Pore Water. <i>Environmental Science & Technology</i> , 2022, 56, 5602-5610.	4.6	4
4	Influence of Silica Coatings on Magnetite-Catalyzed Selenium Reduction. <i>Environmental Science & Technology</i> , 2021, 55, 3021-3031.	4.6	7
5	The SERENADE project; a step forward in the safe by design process of nanomaterials: The benefits of a diverse and interdisciplinary approach. <i>Nano Today</i> , 2021, 37, 101065.	6.2	7
6	Long-Term ¹³ C Uptake by ¹² C-Enriched Calcite. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 998-1005.	1.2	7
7	Acid volatile sulfides and simultaneously extracted metals: A new miniaturized "purge and trap"™ system for laboratory and field measurements. <i>Talanta</i> , 2021, 233, 122490.	2.9	6
8	DNA Double-Strand Breaks Induced in Human Cells by Twelve Metallic Species: Quantitative Inter-Comparisons and Influence of the ATM Protein. <i>Biomolecules</i> , 2021, 11, 1462.	1.8	6
9	Gentamicin-Montmorillonite Intercalation Compounds as an Active Component of Hydroxypropylmethylcellulose Bionanocomposite Films with Antimicrobial Properties. <i>Clays and Clay Minerals</i> , 2021, 69, 576-588.	0.6	5
10	Effects of redox oscillations on the phosphogypsum waste in an estuarine salt-marsh system. <i>Chemosphere</i> , 2020, 242, 125174.	4.2	6
11	H ₂ dynamics in the soil of a H ₂ -emitting zone (São Francisco Basin, Brazil): Microbial uptake quantification and reactive transport modelling. <i>Applied Geochemistry</i> , 2020, 112, 104474.	1.4	22
12	Curvature-induced hydrophobicity at imogolite-water interfaces. <i>Environmental Science: Nano</i> , 2020, 7, 2759-2772.	2.2	11
13	Selenium Deficiency"From Soil to Thyroid Cancer. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5368.	1.3	8
14	Nanoscale Ion Dynamics Control on Amorphous Calcium Carbonate Crystallization: Precise Control of Calcite Crystal Sizes. <i>Journal of Physical Chemistry C</i> , 2020, 124, 25645-25656.	1.5	8
15	Influence of Surface Compositions on the Reactivity of Pyrite toward Aqueous U(VI). <i>Environmental Science & Technology</i> , 2020, 54, 8104-8114.	4.6	23
16	An electrochemical method to rapidly assess the environmental risk of silver release from nanowire transparent conductive films. <i>NanoImpact</i> , 2020, 18, 100217.	2.4	4
17	Power Generation: Feedstock for High-Value Sulfate Minerals. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 188.	0.8	4
18	Selenium nanoparticles trigger alterations in ovarian cancer cell biomechanics. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 29, 102258.	1.7	22

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19	Selenite Sorption on Hydrated CEM-V/A Cement in the Presence of Steel Corrosion Products: Redox vs Nonredox Sorption. <i>Environmental Science & Technology</i> , 2020, 54, 2344-2352.	4.6	14
20	Phase Transition and Liquid-like Superionic Conduction in Ag ₂ S. <i>Journal of Physical Chemistry C</i> , 2020, 124, 10150-10158.	1.5	9
21	Organic and inorganic pollutant reduction by Fe(II) in groundwater: surface chemical mechanism and AFM observation. , 2020, , 219-220.		0
22	Role of Fe(II)/Fe(III) systems in the reductive dehalogenation of TCE in groundwater. , 2020, , 407-408.		0
23	Interplay of S and As in Mekong Delta sediments during redox oscillations. <i>Geoscience Frontiers</i> , 2019, 10, 1715-1729.	4.3	5
24	Crumpling of silver nanowires by endolysosomes strongly reduces toxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14893-14898.	3.3	26
25	Plate tectonics influence on geogenic arsenic cycling: From primary sources to global groundwater enrichment. <i>Science of the Total Environment</i> , 2019, 683, 793-807.	3.9	60
26	Sub-ppm level high energy resolution fluorescence detected X-ray absorption spectroscopy of selenium in articular cartilage. <i>Analyst</i> , The, 2019, 144, 3488-3493.	1.7	20
27	As release under the microbial sulfate reduction during redox oscillations in the upper Mekong delta aquifers, Vietnam: A mechanistic study. <i>Science of the Total Environment</i> , 2019, 663, 718-730.	3.9	19
28	Water Trapping Dynamics in Carbohydrate-Populated Smectite Interlayer Nanopores. <i>Journal of Physical Chemistry C</i> , 2019, 123, 28816-28827.	1.5	5
29	A review of the retention mechanisms of redox-sensitive radionuclides in multi-barrier systems. <i>Applied Geochemistry</i> , 2019, 100, 414-431.	1.4	63
30	Arsenic Speciation in Mekong Delta Sediments Depends on Their Depositional Environment. <i>Environmental Science & Technology</i> , 2018, 52, 3431-3439.	4.6	50
31	Selenite Uptake by Ca-Al LDH: A Description of Intercalated Anion Coordination Geometries. <i>Environmental Science & Technology</i> , 2018, 52, 1624-1632.	4.6	58
32	Speciation dynamics of oxyanion contaminants (As, Sb, Cr) in argillaceous suspensions during oxic-anoxic cycles. <i>Applied Geochemistry</i> , 2018, 91, 75-88.	1.4	16
33	XANES-Based Determination of Redox Potentials Imposed by Steel Corrosion Products in Cement-Based Media. <i>Environmental Science & Technology</i> , 2018, 52, 11931-11940.	4.6	4
34	In Vitro Dermal Safety Assessment of Silver Nanowires after Acute Exposure: Tissue vs. Cell Models. <i>Nanomaterials</i> , 2018, 8, 232.	1.9	12
35	Peer review report 1 on "Geochemical distribution and fate of arsenic in water and sediments of rivers from the Hokusetsu area, Japan". <i>Journal of Hydrology: Regional Studies</i> , 2017, 9, 181.	1.0	0
36	SERENADE: safer and ecodesign research and education applied to nanomaterial development, the new generation of materials safer by design. <i>Environmental Science: Nano</i> , 2017, 4, 526-538.	2.2	21

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37	Industrial Mercury Pollution in a Mountain Valley: A Combined Geophysical and Geochemical Study. <i>Procedia Earth and Planetary Science</i> , 2017, 17, 77-80.	0.6	4
38	From Water-rock Interactions to the DNA: A Review of Selenium Issues. <i>Procedia Earth and Planetary Science</i> , 2017, 17, 698-701.	0.6	3
39	Evidence of Multiple Sorption Modes in Layered Double Hydroxides Using Mo As Structural Probe. <i>Environmental Science & Technology</i> , 2017, 51, 5531-5540.	4.6	38
40	New insights on the biomineralisation process developing in human lungs around inhaled asbestos fibres. <i>Scientific Reports</i> , 2017, 7, 44862.	1.6	17
41	Physical stability of highly concentrated injectable drugs solutions used in intensive care units. <i>Annales Pharmaceutiques Francaises</i> , 2017, 75, 185-188.	0.4	5
42	Diffusive transport and reaction in clay rocks: A storage (nuclear waste, CO ₂ , H ₂), energy (shale gas) and water quality issue. <i>Advances in Water Resources</i> , 2017, 106, 39-59.	1.7	56
43	Deconstructing the redox cascade: what role do microbial exudates (flavins) play?. <i>Environmental Chemistry</i> , 2017, 14, 515.	0.7	18
44	Ãloge de la MÃthode: A Tribute to Garrison Sposito on the Occasion of His Retirement. <i>Frontiers in Environmental Science</i> , 2016, 4, .	1.5	4
45	Novel chitosan goethite bionanocomposite beads for arsenic remediation. <i>Water Research</i> , 2016, 101, 1-9.	5.3	99
46	The influence of pH and reaction time on the formation of FeSe ₂ upon selenite reduction by nano-sized pyrite-greigite. <i>Radiochimica Acta</i> , 2016, 104, 649-656.	0.5	9
47	A hundred year record of industrial and urban development in French Alps combining Hg accumulation rates and isotope composition in sediment archives from Lake Luitel. <i>Chemical Geology</i> , 2016, 431, 10-19.	1.4	30
48	Enhanced interlayer trapping of a tetracycline antibiotic within montmorillonite layers in the presence of Ca and Mg. <i>Journal of Colloid and Interface Science</i> , 2016, 464, 153-159.	5.0	64
49	OnÃOff Mobilization of Contaminants in Soils during Redox Oscillations. <i>Environmental Science & Technology</i> , 2015, 49, 3015-3023.	4.6	66
50	Hydrogen adsorption and diffusion in synthetic Na-montmorillonites at high pressures and temperature. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 2698-2709.	3.8	38
51	Origin of arsenic in Late Pleistocene to Holocene sediments in the Nawalparasi district (Terai, Nepal). <i>Environmental Earth Sciences</i> , 2015, 74, 2571-2593.	1.3	24
52	Selenium distribution and speciation in plant parts of wheat (<i>Triticum aestivum</i>) and Indian mustard (<i>Brassica juncea</i>) from a seleniferous area of Punjab, India. <i>Science of the Total Environment</i> , 2015, 505, 952-961.	3.9	102
53	Role of the selenium in articular cartilage metabolism, growth, and maturation. , 2015, , 77-78.		0
54	Fate of selenium in soil and engineered suboxic and anoxic environments. , 2015, , 19-20.		0

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55	Inhibition of U(VI) Reduction by Synthetic and Natural Pyrite. Environmental Science & Technology, 2014, 48, 10716-10724.	4.6	48
56	Fate of pathological prion (PrP ^{Sc}) in soil and water: prion-clay nanoparticle molecular dynamics. Journal of Biomolecular Structure and Dynamics, 2014, 32, 1802-1816.	2.0	0
57	Geogenic arsenic in groundwaters in the western Alps. Journal of Hydrology, 2014, 518, 317-325.	2.3	18
58	Retardation of arsenic transport by oxidized Holocene aquifer sediments of West Bengal, India. Journal of Hydrology, 2014, 518, 460-463.	2.3	10
59	Natural wetland emissions of methylated trace elements. Nature Communications, 2014, 5, 3035.	5.8	69
60	Method development for evaluating the redox state of Callovo-Oxfordian clayrock and synthetic montmorillonite for nuclear waste management. Applied Geochemistry, 2014, 49, 184-191.	1.4	7
61	Redox reaction of aqueous selenite with As-rich pyrite from Jiguanshan ore mine (China): Reaction products and pathway. Applied Geochemistry, 2014, 47, 130-140.	1.4	18
62	Proposed Trade Agreements Would Make Policy Implications of Environmental Research Entirely Irrelevant. Environmental Science & Technology, 2014, 48, 1370-1371.	4.6	3
63	Kinetics of FeSe ₂ oxidation by ferric iron and its reactivity compared with FeS ₂ . Science China Chemistry, 2014, 57, 1300-1309.	4.2	17
64	Hydrogen uptake and diffusion in Callovo-Oxfordian clay rock for nuclear waste disposal technology. Applied Geochemistry, 2014, 49, 168-177.	1.4	48
65	Preparation and characterization of a single-walled aluminosilicate nanotube-iron oxide composite: Its applications to removal of aqueous arsenate. Materials Research Bulletin, 2014, 51, 145-152.	2.7	36
66	Baseline investigation of (methyl)mercury in waters, soils, sediments and key foodstuffs in the Lower Mekong Basin: The rapidly developing city of Vientiane (Lao PDR). Journal of Geochemical Exploration, 2014, 143, 96-102.	1.5	32
67	The reductive immobilization of aqueous Se(IV) by natural pyrrhotite. Journal of Hazardous Materials, 2014, 276, 422-432.	6.5	23
68	Quantification of trace arsenic in soils by field-portable X-ray fluorescence spectrometry: Considerations for sample preparation and measurement conditions. Journal of Hazardous Materials, 2013, 262, 1213-1222.	6.5	136
69	Atmospheric mercury incorporation in soils of an area impacted by a chlor-alkali plant (Grenoble, France). Environmental Pollution, 2013, 178, 254-263.	3.9	52
70	The impact of oscillating redox conditions: Arsenic immobilisation in contaminated calcareous floodplain soils. Environmental Pollution, 2013, 178, 254-263.	3.7	73
71	Interaction of aqueous Se(IV)/Se(VI) with FeSe/FeSe ₂ : Implication to Se redox process. Journal of Hazardous Materials, 2013, 248-249, 20-28.	6.5	34
72	Modelling CEC variations versus structural iron reduction levels in dioctahedral smectites. Existing approaches, new data and model refinements. Journal of Colloid and Interface Science, 2013, 407, 397-409.	5.0	23

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73	Redox Oscillation Impact on Natural and Engineered Biogeochemical Systems: Chemical Resilience and Implications for Contaminant Mobility. <i>Procedia Earth and Planetary Science</i> , 2013, 7, 135-138.	0.6	6
74	A review of arsenic presence in China drinking water. <i>Journal of Hydrology</i> , 2013, 492, 79-88.	2.3	144
75	Speciation of arsenic in Greek travertines: Co-precipitation of arsenate with calcite. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 106, 99-110.	1.6	58
76	Interstratification Patterns from the pH-Dependent Intercalation of a Tetracycline Antibiotic within Montmorillonite Layers. <i>Langmuir</i> , 2013, 29, 4492-4501.	1.6	28
77	Nanocomposite Pyrite-Greigite Reactivity toward Se(IV)/Se(VI). <i>Environmental Science & Technology</i> , 2012, 46, 4869-4876.	4.6	62
78	Silver and lead in high-altitude lake sediments: Proxies for climate changes and human activities. <i>Applied Geochemistry</i> , 2012, 27, 760-773.	1.4	18
79	Neurodegenerative diseases and exposure to the environmental metals Mn, Pb, and Hg. <i>Coordination Chemistry Reviews</i> , 2012, 256, 2147-2163.	9.5	78
80	Lichen and soil as indicators of an atmospheric mercury contamination in the vicinity of a chlor-alkali plant (Grenoble, France). <i>Ecological Indicators</i> , 2012, 13, 178-183.	2.6	59
81	Environmental Selenium Research: From Microscopic Processes to Global Understanding. <i>Environmental Science & Technology</i> , 2012, 46, 571-579.	4.6	348
82	Adsorption of Hydrogen Gas and Redox Processes in Clays. <i>Environmental Science & Technology</i> , 2012, 46, 3574-3579.	4.6	47
83	Effect of pH on Aqueous Se(IV) Reduction by Pyrite. <i>Environmental Science & Technology</i> , 2011, 45, 2704-2710.	4.6	98
84	Oxidation State and Local Structure of Plutonium Reacted with Magnetite, Mackinawite, and Chukanovite. <i>Environmental Science & Technology</i> , 2011, 45, 7267-7274.	4.6	103
85	Methylmercury in tailings ponds of Amazonian gold mines (French Guiana): Field observations and an experimental flocculation method for in situ remediation. <i>Applied Geochemistry</i> , 2011, 26, 222-229.	1.4	18
86	Spectroscopic studies of arsenic retention onto biotite. <i>Chemical Geology</i> , 2011, 281, 83-92.	1.4	35
87	Nanostructured calcite precipitated under hydrothermal conditions in the presence of organic and inorganic selenium. <i>Chemical Geology</i> , 2011, 290, 109-120.	1.4	20
88	Reactivity at (nano)particle-water interfaces, redox processes, and arsenic transport in the environment. <i>Comptes Rendus - Geoscience</i> , 2011, 343, 123-139.	0.4	58
89	Amazonian former gold mined soils as a source of methylmercury: Evidence from a small scale watershed in French Guiana. <i>Water Research</i> , 2011, 45, 2659-2669.	5.3	25
90	The short-range order of ions in clay minerals: Sm ³⁺ coordination. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2011, 208, 2293-2298.	0.8	5

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91	Uranium facilitated transport by water-dispersible colloids in field and soil columns. <i>Science of the Total Environment</i> , 2010, 408, 2118-2128.	3.9	61
92	Electrical resistivity investigation of the arsenic affected alluvial aquifers in West Bengal, India: usefulness in identifying the areas of low and high groundwater arsenic. <i>Environmental Earth Sciences</i> , 2010, 60, 873-884.	1.3	24
93	Water-clay surface interaction: A neutron scattering study. <i>Chemical Physics</i> , 2010, 374, 55-61.	0.9	20
94	Reactivities of Fe(II) on Calcite: Selenium Reduction. <i>Environmental Science & Technology</i> , 2010, 44, 1288-1294.	4.6	77
95	Interactions of Oxytetracycline with a Smectite Clay: A Spectroscopic Study with Molecular Simulations. <i>Environmental Science & Technology</i> , 2010, 44, 7839-7845.	4.6	159
96	Fe(II)-Fe(III)-Bearing Phases As a Mineralogical Control on the Heterogeneity of Arsenic in Southeast Asian Groundwater. <i>Environmental Science & Technology</i> , 2010, 44, 7541-7547.	4.6	31
97	U(VI) Sorption and Reduction by Fe(II) Sorbed on Montmorillonite. <i>Environmental Science & Technology</i> , 2010, 44, 3779-3785.	4.6	125
98	Dissolved osmium in Bengal plain groundwater: Implications for the marine Os budget. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 3432-3448.	1.6	16
99	Structural study of selenium(IV) substitutions in calcite. <i>Chemical Geology</i> , 2010, 270, 249-256.	1.4	52
100	Mobility of arsenic in the sub-surface environment: An integrated hydrogeochemical study and sorption model of the sandy aquifer materials. <i>Journal of Hydrology</i> , 2009, 364, 236-248.	2.3	73
101	Transfer of pollutants in soils, sediments and water systems: From small to large scale. <i>Journal of Hydrology</i> , 2009, 369, 223-224.	2.3	0
102	Selenium environmental cycling and bioavailability: a structural chemist point of view. <i>Reviews in Environmental Science and Biotechnology</i> , 2009, 8, 81-110.	3.9	370
103	Rising arsenic risk?. <i>Nature Geoscience</i> , 2009, 2, 383-384.	5.4	93
104	Mineral sequestration of CO ₂ by aqueous carbonation of coal combustion fly-ash. <i>Journal of Hazardous Materials</i> , 2009, 161, 1347-1354.	6.5	286
105	Hydration of Na ⁺ , Ni ²⁺ , and Sm ³⁺ in the Interlayer of Hectorite: A Quasielastic Neutron Scattering Study. <i>Journal of Physical Chemistry C</i> , 2009, 113, 13801-13812.	1.5	19
106	Sorption and catalytic oxidation of Fe(II) at the surface of calcite. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 1826-1840.	1.6	36
107	Reply to the comment on "Mobility of arsenic in West Bengal aquifers conducting low and high groundwater arsenic. Part I: Comparative hydrochemical and hydrogeological characteristics" by Subhrangsu K. Acharyya. <i>Applied Geochemistry</i> , 2009, 24, 186-187.	1.4	2
108	Pollutant Speciation in Water and Related Environmental Treatment Issues. <i>Neutron Scattering Applications and Techniques</i> , 2009, , 491-520.	0.2	0

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109	Cartilage tympanoplasty: postoperative functional results. <i>European Archives of Oto-Rhino-Laryngology</i> , 2008, 265, 1195-1198.	0.8	13
110	Comparison of dissolved and particulate arsenic distributions in shallow aquifers of Chakdaha, India, and Araihasar, Bangladesh. <i>Geochemical Transactions</i> , 2008, 9, 1.	1.8	56
111	Textural properties of synthetic nano-calcite produced by hydrothermal carbonation of calcium hydroxide. <i>Journal of Crystal Growth</i> , 2008, 310, 2946-2953.	0.7	43
112	X-ray absorption and photoelectron spectroscopy investigation of selenite reduction by FeII-bearing minerals. <i>Journal of Contaminant Hydrology</i> , 2008, 102, 228-245.	1.6	155
113	Mobility of arsenic in West Bengal aquifers conducting low and high groundwater arsenic. Part I: Comparative hydrochemical and hydrogeological characteristics. <i>Applied Geochemistry</i> , 2008, 23, 977-995.	1.4	94
114	Carbonation of alkaline paper mill waste to reduce CO ₂ greenhouse gas emissions into the atmosphere. <i>Applied Geochemistry</i> , 2008, 23, 2292-2300.	1.4	94
115	Comparison of arsenic concentrations in simultaneously-collected groundwater and aquifer particles from Bangladesh, India, Vietnam, and Nepal. <i>Applied Geochemistry</i> , 2008, 23, 3244-3251.	1.4	62
116	The surface chemistry of divalent metal carbonate minerals; a critical assessment of surface charge and potential data using the charge distribution multi-site ion complexation model. <i>Numerische Mathematik</i> , 2008, 308, 905-941.	0.7	170
117	Arsenate Incorporation in Gypsum Probed by Neutron, X-ray Scattering and Density Functional Theory Modeling. <i>Journal of Physical Chemistry A</i> , 2008, 112, 5159-5166.	1.1	47
118	Selenite Reduction by Mackinawite, Magnetite and Siderite: XAS Characterization of Nanosized Redox Products. <i>Environmental Science & Technology</i> , 2008, 42, 1984-1989.	4.6	211
119	Synthesis of a Se ⁰ /Calcite Composite Using Hydrothermal Carbonation of Ca(OH) ₂ Coupled to a Complex Selenocystine Fragmentation. <i>Crystal Growth and Design</i> , 2008, 8, 2497-2504.	1.4	9
120	Hydration and hydrolysis of Sm ³⁺ and Eu ³⁺ in a clay interlayer: a neutron diffraction study with isotopic substitution. <i>Radiochimica Acta</i> , 2008, 96, 679-683.	0.5	5
121	Reduction of antimony by nano-particulate magnetite and mackinawite. <i>Mineralogical Magazine</i> , 2008, 72, 185-189.	0.6	67
122	Hydration and hydrolysis of samarium (III) in montmorillonite clay: a neutron diffraction study. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 104207.	0.7	6
123	Bengal arsenic, an archive of Himalaya orogeny and paleohydrology. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2007, 42, 1785-1794.	0.9	70
124	Reconstructing recent environmental changes from proglacial lake sediments in the Western Alps (Lake Blanc Huez, 2543 m a.s.l., Grandes Rousses Massif, France). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 252, 586-600.	1.0	22
125	Sorption isotherms: A review on physical bases, modeling and measurement. <i>Applied Geochemistry</i> , 2007, 22, 249-275.	1.4	1,320
126	Chemodynamics of an arsenic "hotspot" in a West Bengal aquifer: A field and reactive transport modeling study. <i>Applied Geochemistry</i> , 2007, 22, 1273-1292.	1.4	144

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127	Reversible surface-sorption-induced electron-transfer oxidation of Fe(II) at reactive sites on a synthetic clay mineral. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 863-876.	1.6	71
128	Electron transfer at the mineral/water interface: Selenium reduction by ferrous iron sorbed on clay. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 5731-5749.	1.6	181
129	Chapter 5 Prions, Metals, and Soils. <i>Developments in Earth and Environmental Sciences</i> , 2007, , 125-152.	0.1	0
130	Chapter 16 Reactive Transport and Residence Times in Unsaturated Fractured Rocks from Field-Scale Experiments. <i>Developments in Earth and Environmental Sciences</i> , 2007, 7, 441-468.	0.1	1
131	Biotic versus abiotic calcite formation on prehistoric cave paintings: the Arcy-sur-Cure â€˜Grande Grotteâ€™ (Yonne, France) case. <i>Geological Society Special Publication</i> , 2007, 279, 185-197.	0.8	8
132	Hydration of Hg ²⁺ in Aqueous Solution Studied by Neutron Diffraction with Isotopic Substitution. <i>Journal of Physical Chemistry A</i> , 2007, 111, 5123-5125.	1.1	24
133	Adsorption of arsenite and arsenate onto muscovite and biotite mica. <i>Journal of Colloid and Interface Science</i> , 2007, 309, 392-401.	5.0	99
134	Calcite precipitation from CO ₂ â€“H ₂ Oâ€“Ca(OH) ₂ slurry under high pressure of CO ₂ . <i>Journal of Crystal Growth</i> , 2007, 308, 228-236.	0.7	111
135	Decoupling of arsenic and iron release from ferrihydrite suspension under reducing conditions: a biogeochemical model. <i>Geochemical Transactions</i> , 2007, 8, 12.	1.8	63
136	Arsenic in Shallow, Reducing Groundwaters in Southern Asia: An Environmental Health Disaster. <i>Elements</i> , 2006, 2, 91-96.	0.5	235
137	Arsenite sorption and co-precipitation with calcite. <i>Chemical Geology</i> , 2006, 233, 328-336.	1.4	140
138	Reactivity of bentonite: an additive model applied to uranyl sorption. <i>Interface Science and Technology</i> , 2006, , 539-552.	1.6	5
139	Surface Complexation of Zinc Cation with Hydroxyapatite, Molecular Dynamics and Surface Durability. <i>Interface Science and Technology</i> , 2006, 11, 301-323.	1.6	4
140	Production of gaseous mercury in tropical hydromorphic soils in the presence of ferrous iron: a laboratory study. <i>European Journal of Soil Science</i> , 2006, 57, 190-199.	1.8	22
141	On the mechanisms of dissolution of montroydite [HgO(s)]: Dependence of the dissolution rate on pH, temperature, and stirring rate. <i>Journal of Colloid and Interface Science</i> , 2006, 297, 696-704.	5.0	7
142	A spectroscopic and voltammetric study of the pH-dependent Cu(II) coordination to the peptide GGGTH: relevance to the fifth Cu(II) site in the prion protein. <i>Journal of Biological Inorganic Chemistry</i> , 2006, 11, 735-744.	1.1	55
143	Superior approach to the inferior laryngeal nerve in thyroid surgery: anatomy, surgical technique and indications. <i>Surgical and Radiologic Anatomy</i> , 2006, 28, 631-636.	0.6	21
144	Arsenic uptake by gypsum and calcite: Modelling and probing by neutron and X-ray scattering. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 935-937.	1.3	45

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145	Formation of dissolved gaseous mercury in a tropical lake (Petit-Saut reservoir, French Guiana). <i>Science of the Total Environment</i> , 2006, 364, 260-271.	3.9	23
146	Biogeochemistry of Major Redox Elements and Mercury in a Tropical Reservoir Lake (Petit Saut, French) <i>Tj ETQq0 0,0rgBT /Overlock 10</i>	1.5	16
147	Fe(II)-Na(I)-Ca(II) Cation Exchange on Montmorillonite in Chloride Medium: Evidence for Preferential Clay Adsorption of Chloride "Metal Ion Pairs in Seawater. <i>Aquatic Geochemistry</i> , 2005, 11, 115-137.	1.5	91
148	Adsorption and Heterogeneous Reduction of Arsenic at the Phyllosilicate-Water Interface. <i>ACS Symposium Series</i> , 2005, , 41-59.	0.5	11
149	Redox processes in a eutrophic coal-mine lake. <i>Mineralogical Magazine</i> , 2005, 69, 797-805.	0.6	7
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