

Antoine Gehin

List of Publications by Year in descending order

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12
papers

1,024
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

942
citing authors

#	ARTICLE	IF	CITATIONS
1	Method development for evaluating the redox state of Callovo-Oxfordian clayrock and synthetic montmorillonite for nuclear waste management. <i>Applied Geochemistry</i> , 2014, 49, 184-191.	3.0	7
2	Redox reaction of aqueous selenite with As-rich pyrite from Jiguanshan ore mine (China): Reaction products and pathway. <i>Applied Geochemistry</i> , 2014, 47, 130-140.	3.0	18
3	Nanocomposite Pyrite-Greigite Reactivity toward Se(IV)/Se(VI). <i>Environmental Science & Technology</i> , 2012, 46, 4869-4876.	10.0	62
4	In Situ Redox Flexibility of Fe(II)-III Oxyhydroxycarbonate Green Rust and Fougerite. <i>Environmental Science & Technology</i> , 2006, 40, 4696-4702.	10.0	65
5	Synthesis of green rusts by oxidation of Fe(OH) ₂ , their products of oxidation and reduction of ferric oxyhydroxides; pH Pourbaix diagrams. <i>Comptes Rendus - Geoscience</i> , 2006, 338, 433-446.	1.2	90
6	Green rusts synthesis by coprecipitation of Fe(II)-Fe(III) ions and mass-balance diagram. <i>Comptes Rendus - Geoscience</i> , 2006, 338, 420-432.	1.2	78
7	Fougerite and Fe(II)-III hydroxycarbonate green rust; ordering, deprotonation and/or cation substitution; structure of hydrotalcite-like compounds and mythic ferrosic hydroxide. <i>Solid State Sciences</i> , 2005, 7, 545-572.	3.2	91
8	Redox potential measurements and Mössbauer spectrometry of Fe(II) adsorbed onto Fe(III) (oxyhydr)oxides. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 4801-4815.	3.9	135
9	Coprecipitation of Fe(II)-III hydroxycarbonate green rust stabilised by phosphate adsorption. <i>Solid State Sciences</i> , 2004, 6, 117-124.	3.2	114
10	Coprecipitation of Fe(II) and Fe(III) cations in sulphated aqueous medium and formation of hydroxysulphate green rust. <i>Solid State Sciences</i> , 2003, 5, 1055-1062.	3.2	92
11	Iron(II,III) Hydroxycarbonate Green Rust Formation and Stabilization from Lepidocrocite Bioreduction. <i>Environmental Science & Technology</i> , 2002, 36, 16-20.	10.0	174
12	Synthesis of Fe(II-III) hydroxysulphate green rust by coprecipitation. <i>Solid State Sciences</i> , 2002, 4, 61-66.	3.2	98