

Richard A Eggleton

List of Publications by Year in descending order

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34
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2,287
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361296

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#	ARTICLE	IF	CITATIONS
1	New Data and a Revised Structural Model for Ferrihydrite. <i>Clays and Clay Minerals</i> , 1988, 36, 111-124.	0.6	283
2	Cation Exchange Capacity of Kaolinite. <i>Clays and Clay Minerals</i> , 1999, 47, 174-180.	0.6	281
3	Apatite Replacement and Rare Earth Mobilization, Fractionation, and Fixation During Weathering. <i>Clays and Clay Minerals</i> , 1989, 37, 113-127.	0.6	227
4	Weathering of Basalt: Changes in Rock Chemistry and Mineralogy. <i>Clays and Clay Minerals</i> , 1987, 35, 161-169.	0.6	214
5	Transmission Electron Microscope Study of Biotite Weathering. <i>Clays and Clay Minerals</i> , 1988, 36, 47-60.	0.6	164
6	Analytical Transmission Electron Microscope Studies of Plagioclase, Muscovite, and K-Feldspar Weathering. <i>Clays and Clay Minerals</i> , 1990, 38, 77-89.	0.6	157
7	Weathering of Granitic Muscovite to Kaolinite and Halloysite and of Plagioclase-Derived Kaolinite to Halloysite. <i>Clays and Clay Minerals</i> , 1991, 39, 113-126.	0.6	112
8	The orthoclase-microcline inversion: A high-resolution transmission electron microscope study and strain analysis. <i>Contributions To Mineralogy and Petrology</i> , 1980, 74, 123-133.	1.2	96
9	Formation of Iddingsite Rims on Olivine: A Transmission Electron Microscope Study. <i>Clays and Clay Minerals</i> , 1984, 32, 1-11.	0.6	91
10	Weathering of Basalt: Formation of Iddingsite. <i>Clays and Clay Minerals</i> , 1987, 35, 418-428.	0.6	85
11	High Resolution Electron Microscopy of Feldspar Weathering. <i>Clays and Clay Minerals</i> , 1980, 28, 173-178.	0.6	75
12	Weathering of Enstatite to Talc Through a Sequence of Transitional Phases. <i>Clays and Clay Minerals</i> , 1982, 30, 11-20.	0.6	62
13	Noncrystalline Fe-Si-Al-Oxyhydroxides. <i>Clays and Clay Minerals</i> , 1987, 35, 29-37.	0.6	56
14	Surface Layer Types of Kaolinite: A High-Resolution Transmission Electron Microscope Study. <i>Clays and Clay Minerals</i> , 1999, 47, 181-191.	0.6	52
15	WEATHERING OF CHLORITE: I. REACTIONS AND PRODUCTS IN MICROSYSTEMS CONTROLLED BY THE PRIMARY MINERAL. <i>Clays and Clay Minerals</i> , 2002, 50, 685-698.	0.6	52
16	Botryoidal Goethite: A Transmission Electron Microscope Study. <i>Clays and Clay Minerals</i> , 1983, 31, 392-396.	0.6	45
17	Hisingerite: A Ferric Kaolin Mineral with Curved Morphology. <i>Clays and Clay Minerals</i> , 1998, 46, 400-413.	0.6	40
18	New Data and a Revised Structural Model for Ferrihydrite: Reply. <i>Clays and Clay Minerals</i> , 1990, 38, 335-336.	0.6	26

#	ARTICLE	IF	CITATIONS
19	Titanite Low-Temperature Alteration and Ti Mobility. <i>Clays and Clay Minerals</i> , 2005, 53, 100-107.	0.6	25
20	The Natural Occurrence of Eta-Alumina (η -Al ₂ O ₃) in Bauxite. <i>Clays and Clay Minerals</i> , 1996, 44, 658-664.	0.6	23
21	Coexistence of halloysite and kaolinite: a study on the genesis of kaolin clays of Campo Alegre Basin, Santa Catarina State, Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2007, 79, 665-681.	0.3	20
22	Analytical Electron Microscopy in Clays and Other Phyllosilicates: Loss of Elements from a 90-nm Stationary Beam of 300-keV Electrons. <i>Clays and Clay Minerals</i> , 1998, 46, 301-316.	0.6	16
23	WEATHERING OF CHLORITE: II. REACTIONS AND PRODUCTS IN MICROSYSTEMS CONTROLLED BY SOLUTION AVENUES. <i>Clays and Clay Minerals</i> , 2002, 50, 699-709.	0.6	16
24	A re-examination of the structure of ganophyllite. <i>Mineralogical Magazine</i> , 1986, 50, 307-315.	0.6	16
25	The Application of Micro-Beam Methods to Iron Minerals in Soils. , 1988, , 165-201.		10
26	Introduction to Crystal Structures of Iron-Containing Minerals. , 1988, , 141-164.		9
27	Tohdite (5Al ₂ O ₃ ·H ₂ O) in Bauxites from Northern Australia. <i>Clays and Clay Minerals</i> , 1994, 42, 485-488.	0.6	8
28	Mineral hosts for gold and trace metals in regolith at Boddington gold deposit and Scuddles massive copper-zinc sulphide deposit, Western Australia: an LA-ICP-MS study. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2008, 8, 157-172.	0.5	8
29	Mineralogy maketh mountains: Granitic landscapes shaped by dissolution. <i>Geomorphology</i> , 2017, 285, 363-373.	1.1	8
30	Cation exchange in ganophyllite. <i>Mineralogical Magazine</i> , 1986, 50, 517-520.	0.6	6
31	Some factors affecting granitic pluton topography: Pluton topography in the southern Lachlan Foldbelt. <i>Geomorphology</i> , 2021, 381, 107643.	1.1	3
32	Properties and origin of a very fine-grained kaolinitic lacustrine deposit. <i>Sedimentology</i> , 1989, 36, 889-906.	1.6	1
33	Electron Microscopic Investigation of FE-Rich Phyllosilicates. <i>Microscopy and Microanalysis</i> , 2001, 7, 538-539.	0.2	0
34	High-Resolution TEM Investigation of Halloysite. <i>Microscopy and Microanalysis</i> , 2000, 6, 416-417.	0.2	0