

# Andrew W Bray

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/191075/publications.pdf>

Version: 2024-02-01

11  
papers

606  
citations

840776

11  
h-index

1281871

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g-index

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all docs

11  
docs citations

11  
times ranked

778  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tree-mycorrhiza symbiosis accelerate mineral weathering: Evidences from nanometer-scale elemental fluxes at the hypha-mineral interface. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 6988-7005.	3.9	110
2	The effect of pH, grain size, and organic ligands on biotite weathering rates. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 164, 127-145.	3.9	86
3	Sustained Bauxite Residue Rehabilitation with Gypsum and Organic Matter 16 years after Initial Treatment. <i>Environmental Science &amp; Technology</i> , 2018, 52, 152-161.	10.0	79
4	Oxalate secretion by ectomycorrhizal <i>Paxillus involutus</i> is mineral-specific and controls calcium weathering from minerals. <i>Scientific Reports</i> , 2015, 5, 12187.	3.3	72
5	Structural Fe(II) Oxidation in Biotite by an Ectomycorrhizal Fungi Drives Mechanical Forcing. <i>Environmental Science &amp; Technology</i> , 2016, 50, 5589-5596.	10.0	52
6	Mechanism of Vanadium Leaching during Surface Weathering of Basic Oxygen Furnace Steel Slag Blocks: A Microfocus X-ray Absorption Spectroscopy and Electron Microscopy Study. <i>Environmental Science &amp; Technology</i> , 2017, 51, 7823-7830.	10.0	50
7	Evaluating a primary carbonate pathway for manganese enrichments in reducing environments. <i>Earth and Planetary Science Letters</i> , 2020, 538, 116201.	4.4	42
8	Atmospheric Carbon Capture Performance of Legacy Iron and Steel Waste. <i>Environmental Science &amp; Technology</i> , 2019, 53, 9502-9511.	10.0	39
9	Biotite surface chemistry as a function of aqueous fluid composition. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 128, 58-70.	3.9	35
10	Behaviour and fate of vanadium during the aerobic neutralisation of hyperalkaline slag leachate. <i>Science of the Total Environment</i> , 2018, 643, 1191-1199.	8.0	21
11	Hydration of dicalcium silicate and diffusion through neo-formed calcium-silicate-hydrates at weathered surfaces control the long-term leaching behaviour of basic oxygen furnace (BOF) steelmaking slag. <i>Environmental Science and Pollution Research</i> , 2018, 25, 9861-9872.	5.3	20