Andrew Feitz

List of Publications by Year
in descending order

53 papers	3,217 citations	257450 24 h-index	206112 48 g-index
59 all docs	59 docs citations	59 times ranked	4471 citing authors

#	Article	IF	Citations
1	Geology, geochemistry and depositional history of the Port Campbell Limestone on the eastern flank of the Otway Basin, southeastern Australia. Australian Journal of Earth Sciences, 2022, 69, 509-538.	1.0	3
2	The CO2CRC Otway shallow CO2 controlled release experiment: Fault characterization and geophysical monitoring design. International Journal of Greenhouse Gas Control, 2022, 118, 103667.	4.6	3
3	Hydrogen in Australian natural gas: occurrences, sources and resources. APPEA Journal, 2021, 61, 163.	0.2	41
4	Evaluating the economic fairways for hydrogen production in Australia. International Journal of Hydrogen Energy, 2021, 46, 35985-35996.	7.1	28
5	A controlled CO2 release experiment in a fault zone at the In-Situ Laboratory in Western Australia. International Journal of Greenhouse Gas Control, 2020, 99, 103100.	4.6	19
6	The FLUXNET2015 dataset and the ONEFlux processing pipeline for eddy covariance data. Scientific Data, 2020, 7, 225.	5.3	646
7	CSIRO In-Situ Lab: A multi-pronged approach to surface gas and groundwater monitoring at geological CO2 storage sites. Chemical Geology, 2020, 545, 119642.	3.3	7
8	Bayesian atmospheric tomography for detection and quantification of methane emissions: application to data from the 2015 Ginninderra release experiment. Atmospheric Measurement Techniques, 2019, 12, 4659-4676.	3.1	4
9	Structural controls on the location and distribution of CO2 emission at a natural CO2 spring in Daylesford, Australia. International Journal of Greenhouse Gas Control, 2019, 84, 36-46.	4.6	10
10	The CO2CRC Otway Controlled CO2 Release Experiment in a Fault: Geomechanical Characterisation Pre-Injection. , 2019, , .		2
11	The Ginninderra CH4 and CO2 release experiment: An evaluation of gas detection and quantification techniques. International Journal of Greenhouse Gas Control, 2018, 70, 202-224.	4.6	49
12	The China Australia Geological Storage of CO2 (CAGS) Project: An example of bilateral cooperation and successful capacity building. Energy Procedia, 2018, 154, 80-85.	1.8	3
13	The CO2CRC Otway shallow CO2 controlled release experiment: Preparation for Phase 2. Energy Procedia, 2018, 154, 145-150.	1.8	7
14	The CO2CRC Otway Shallow CO2 Controlled Release Experiment: Site Suitability Assessment. Energy Procedia, 2017, 114, 3671-3678.	1.8	8
15	Shallow Geology of the CO2CRC Otway Site: Evidence for Previously Undetected Neotectonic Features?. Energy Procedia, 2017, 114, 4424-4435.	1.8	3
16	China Australia Geological Storage of CO2 (CAGS): Summary of CAGS2 and introducing CAGS3. Energy Procedia, 2017, 114, 5897-5904.	1.8	2
17	Evaluating the Performance of Soil Flux Surveys and Inversion Methods for Quantification of CO2 Leakage. Energy Procedia, 2017, 114, 3679-3694.	1.8	14
18	The role of soil flux and soil gas monitoring in the characterisation of a CO 2 surface leak: A case study in Qinghai, China. International Journal of Greenhouse Gas Control, 2016, 54, 84-95.	4.6	30

#	Article	IF	Citations
19	Looking for leakage or monitoring for public assurance?. Energy Procedia, 2014, 63, 3881-3890.	1.8	25
20	An assessment of near surface CO2 leakage detection techniques under Australian conditions. Energy Procedia, 2014, 63, 3891-3906.	1.8	43
21	Sensitivity of CO2 leak detection using a single atmospheric station. Energy Procedia, 2014, 63, 3907-3914.	1.8	5
22	Atmospheric Tomography as a Tool for Quantification of CO2 Emissions from Potential Surface Leaks: Signal Processing Workflow for a Low Accuracy Sensor Array. Energy Procedia, 2013, 37, 4065-4076.	1.8	12
23	Atmospheric Tomography: A Bayesian Inversion Technique for Determining the Rate and Location of Fugitive Emissions. Environmental Science & Technology, 2012, 46, 1739-1746.	10.0	33
24	Influence of the zeta potential on the sorption and toxicity of iron oxide nanoparticles on S. cerevisiae and E. coli. Journal of Colloid and Interface Science, 2010, 347, 43-48.	9.4	172
25	Solar radiation disinfection of drinking water at temperate latitudes: Inactivation rates for an optimised reactor configuration. Water Research, 2009, 43, 643-652.	11.3	55
26	COMPARISON OF THE REACTIVITY OF NANOSIZED ZERO-VALENT IRON (nZVI) PARTICLES PRODUCED BY BOROHYDRIDE AND DITHIONITE REDUCTION OF IRON SALTS. Nano, 2008, 03, 341-349.	1.0	29
27	Australian characterisation factors and normalisation figures for human toxicity and ecotoxicity. Journal of Cleaner Production, 2007, 15, 819-832.	9.3	40
28	Generation of an Industry-specific Physico-chemical Allocation Matrix. Application in the Dairy Industry and Implications for Systems Analysis (9 pp). International Journal of Life Cycle Assessment, 2007, 12, 109-117.	4.7	60
29	Kinetics of Fe(III) precipitation in aqueous solutions at pH 6.0â€“9.5 and 25Â°C. Geochimica Et Cosmochimica Acta, 2006, 70, 640-650.	3.9	144
30	Oxidative transformation of contaminants using colloidal zero-valent iron. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 265, 88-94.	4.7	103
31	Steroid estrogens in primary and tertiary wastewater treatment plants. Water Science and Technology, 2005, 52, 273-278.	2.5	51
32	Steroid estrogens in ocean sediments. Chemosphere, 2005, 61, 827-833.	8.2	88
33	Quantification of the Oxidizing Capacity of Nanoparticulate Zero-Valent Iron. Environmental Science & Technology, 2005, 39, 1263-1268.	10.0	417
34	Fate of Steroid Estrogens in Australian Inland and Coastal Wastewater Treatment Plants. Environmental Science & Technology, 2005, 39, 3351-3358.	10.0	175
35	The effect of dissolved natural organic matter on the rate of removal of ferrous iron in fresh waters. Water Science and Technology: Water Supply, 2004, 4, 213-219.	2.1	4
36	Oxidative Degradation of the Carbothioate Herbicide, Molinate, Using Nanoscale Zero-Valent Iron. Environmental Science & Technology, 2004, 38, 2242-2247.	10.0	358

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37	Household dust metal levels in the Sydney metropolitan area. Environmental Research, 2003, 93, 301-307.	7.5	125
38	Kinetic Modeling of TiO2-Catalyzed Photodegradation of Trace Levels of Microcystin-LR. Environmental Science & Technology, 2003, 37, 561-568.	10.0	34
39	Photo-Fenton degradation of dichloromethane for gas phase treatment. Chemosphere, 2002, 48, 401-406.	8.2	21
40	Absence of detectable levels of the cyanobacterial toxin (microcystin-LR) carry-over into milk. Toxicon, 2002, 40, 1173-1180.	1.6	10
41	Soil salinisation: a local life cycle assessment impact category. International Journal of Life Cycle Assessment, 2002, 7, 244-249.	4.7	20
42	Effect of Fe(III)-ligand properties on effectiveness of modified photo-Fenton processes. Water Science and Technology, 2001, 44, 23-30.	2.5	24
43	Size and structure effects on centrifugal dewatering of digested sewage sludge. Water Science and Technology, 2001, 44, 427-435.	2.5	24
44	Evaluation of two solar pilot scale fixed-bed photocatalytic reactors. Water Research, 2000, 34, 3927-3932.	11.3	62
45	Photocatalytic Degradation of the Blue Green Algal Toxin Microcystin-LR in a Natural Organic-Aqueous Matrix. Environmental Science & Technology, 1999, 33, 243-249.	10.0	100
46	Photocatalytic Degradation of Microcystin-LR: Conceptual Model and Pilot Scale Studies. Zeitschrift Fur Physikalische Chemie, 1999, 213, 75-86.	2.8	4
47	Photocatalytic Degradation of Microcystin-LR: Conceptual Model and Pilot Scale Studies. Zeitschrift Fur Physikalische Chemie, 1998, 1, 295-306.	2.8	0
48	The Co2crc Otway Shallow Co2 Controlled Release Experiment: Fault Characterization and Leakage Scenarios. SSRN Electronic Journal, 0, , .	0.4	1
49	The CO2CRC Otway Shallow CO2 Controlled Release Experiment: Geological Model and CO2 Migration Simulations. SSRN Electronic Journal, 0, , .	0.4	3
50	Dynamic Modelling for Feasibility Study of the Shallow CO2 Injection Experiment at the CO2CRC Otway Site, Victoria, Australia. SSRN Electronic Journal, 0, , .	0.4	3
51	Update on the China Australia Geological Storage of CO2 (CAGS) Project: Phase 3. SSRN Electronic Journal, 0, , .	0.4	1
52	Quantifying CO2 Leak Rates in Aquatic Environments. SSRN Electronic Journal, 0, , .	0.4	0
53	The South West Hub In-Situ Laboratory â€“ A Facility for CO2 Injection Testing and Monitoring in a Fault Zone. SSRN Electronic Journal, 0, , .	0.4	6