

Andrew Feitz

List of Publications by Year in descending order

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Version: 2024-02-01

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 | The FLUXNET2015 dataset and the ONEFlux processing pipeline for eddy covariance data. <i>Scientific Data</i> , 2020, 7, 225. | 5.3 | 646 |
| 2 | Quantification of the Oxidizing Capacity of Nanoparticulate Zero-Valent Iron. <i>Environmental Science & Technology</i> , 2005, 39, 1263-1268. | 10.0 | 417 |
| 3 | Oxidative Degradation of the Carbothioate Herbicide, Molinate, Using Nanoscale Zero-Valent Iron. <i>Environmental Science & Technology</i> , 2004, 38, 2242-2247. | 10.0 | 358 |
| 4 | Fate of Steroid Estrogens in Australian Inland and Coastal Wastewater Treatment Plants. <i>Environmental Science & Technology</i> , 2005, 39, 3351-3358. | 10.0 | 175 |
| 5 | Influence of the zeta potential on the sorption and toxicity of iron oxide nanoparticles on <i>S. cerevisiae</i> and <i>E. coli</i> . <i>Journal of Colloid and Interface Science</i> , 2010, 347, 43-48. | 9.4 | 172 |
| 6 | Kinetics of Fe(III) precipitation in aqueous solutions at pH 6.0–9.5 and 25°C. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 640-650. | 3.9 | 144 |
| 7 | Household dust metal levels in the Sydney metropolitan area. <i>Environmental Research</i> , 2003, 93, 301-307. | 7.5 | 125 |
| 8 | Oxidative transformation of contaminants using colloidal zero-valent iron. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 265, 88-94. | 4.7 | 103 |
| 9 | Photocatalytic Degradation of the Blue Green Algal Toxin Microcystin-LR in a Natural Organic-Aqueous Matrix. <i>Environmental Science & Technology</i> , 1999, 33, 243-249. | 10.0 | 100 |
| 10 | Steroid estrogens in ocean sediments. <i>Chemosphere</i> , 2005, 61, 827-833. | 8.2 | 88 |
| 11 | Evaluation of two solar pilot scale fixed-bed photocatalytic reactors. <i>Water Research</i> , 2000, 34, 3927-3932. | 11.3 | 62 |
| 12 | Generation of an Industry-specific Physico-chemical Allocation Matrix. Application in the Dairy Industry and Implications for Systems Analysis (9 pp). <i>International Journal of Life Cycle Assessment</i> , 2007, 12, 109-117. | 4.7 | 60 |
| 13 | Solar radiation disinfection of drinking water at temperate latitudes: Inactivation rates for an optimised reactor configuration. <i>Water Research</i> , 2009, 43, 643-652. | 11.3 | 55 |
| 14 | Steroid estrogens in primary and tertiary wastewater treatment plants. <i>Water Science and Technology</i> , 2005, 52, 273-278. | 2.5 | 51 |
| 15 | The Ginninderra CH ₄ and CO ₂ release experiment: An evaluation of gas detection and quantification techniques. <i>International Journal of Greenhouse Gas Control</i> , 2018, 70, 202-224. | 4.6 | 49 |
| 16 | An assessment of near surface CO ₂ leakage detection techniques under Australian conditions. <i>Energy Procedia</i> , 2014, 63, 3891-3906. | 1.8 | 43 |
| 17 | Hydrogen in Australian natural gas: occurrences, sources and resources. <i>APPEA Journal</i> , 2021, 61, 163. | 0.2 | 41 |
| 18 | Australian characterisation factors and normalisation figures for human toxicity and ecotoxicity. <i>Journal of Cleaner Production</i> , 2007, 15, 819-832. | 9.3 | 40 |

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|----|--|------|-----------|
| 19 | Kinetic Modeling of TiO ₂ -Catalyzed Photodegradation of Trace Levels of Microcystin-LR. <i>Environmental Science & Technology</i> , 2003, 37, 561-568. | 10.0 | 34 |
| 20 | Atmospheric Tomography: A Bayesian Inversion Technique for Determining the Rate and Location of Fugitive Emissions. <i>Environmental Science & Technology</i> , 2012, 46, 1739-1746. | 10.0 | 33 |
| 21 | The role of soil flux and soil gas monitoring in the characterisation of a CO ₂ surface leak: A case study in Qinghai, China. <i>International Journal of Greenhouse Gas Control</i> , 2016, 54, 84-95. | 4.6 | 30 |
| 22 | COMPARISON OF THE REACTIVITY OF NANOSIZED ZERO-VALENT IRON (nZVI) PARTICLES PRODUCED BY BOROHYDRIDE AND DITHIONITE REDUCTION OF IRON SALTS. <i>Nano</i> , 2008, 03, 341-349. | 1.0 | 29 |
| 23 | Evaluating the economic fairways for hydrogen production in Australia. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 35985-35996. | 7.1 | 28 |
| 24 | Looking for leakage or monitoring for public assurance?. <i>Energy Procedia</i> , 2014, 63, 3881-3890. | 1.8 | 25 |
| 25 | Effect of Fe(III)-ligand properties on effectiveness of modified photo-Fenton processes. <i>Water Science and Technology</i> , 2001, 44, 23-30. | 2.5 | 24 |
| 26 | Size and structure effects on centrifugal dewatering of digested sewage sludge. <i>Water Science and Technology</i> , 2001, 44, 427-435. | 2.5 | 24 |
| 27 | Photo-Fenton degradation of dichloromethane for gas phase treatment. <i>Chemosphere</i> , 2002, 48, 401-406. | 8.2 | 21 |
| 28 | Soil salinisation: a local life cycle assessment impact category. <i>International Journal of Life Cycle Assessment</i> , 2002, 7, 244-249. | 4.7 | 20 |
| 29 | A controlled CO ₂ release experiment in a fault zone at the In-Situ Laboratory in Western Australia. <i>International Journal of Greenhouse Gas Control</i> , 2020, 99, 103100. | 4.6 | 19 |
| 30 | Evaluating the Performance of Soil Flux Surveys and Inversion Methods for Quantification of CO ₂ Leakage. <i>Energy Procedia</i> , 2017, 114, 3679-3694. | 1.8 | 14 |
| 31 | Atmospheric Tomography as a Tool for Quantification of CO ₂ Emissions from Potential Surface Leaks: Signal Processing Workflow for a Low Accuracy Sensor Array. <i>Energy Procedia</i> , 2013, 37, 4065-4076. | 1.8 | 12 |
| 32 | Absence of detectable levels of the cyanobacterial toxin (microcystin-LR) carry-over into milk. <i>Toxicon</i> , 2002, 40, 1173-1180. | 1.6 | 10 |
| 33 | Structural controls on the location and distribution of CO ₂ emission at a natural CO ₂ spring in Daylesford, Australia. <i>International Journal of Greenhouse Gas Control</i> , 2019, 84, 36-46. | 4.6 | 10 |
| 34 | The CO ₂ CRC Otway Shallow CO ₂ Controlled Release Experiment: Site Suitability Assessment. <i>Energy Procedia</i> , 2017, 114, 3671-3678. | 1.8 | 8 |
| 35 | The CO ₂ CRC Otway shallow CO ₂ controlled release experiment: Preparation for Phase 2. <i>Energy Procedia</i> , 2018, 154, 145-150. | 1.8 | 7 |
| 36 | CSIRO In-Situ Lab: A multi-pronged approach to surface gas and groundwater monitoring at geological CO ₂ storage sites. <i>Chemical Geology</i> , 2020, 545, 119642. | 3.3 | 7 |

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|----|--|-----|-----------|
| 37 | The South West Hub In-Situ Laboratory – A Facility for CO ₂ Injection Testing and Monitoring in a Fault Zone. SSRN Electronic Journal, 0, , . | 0.4 | 6 |
| 38 | Sensitivity of CO ₂ leak detection using a single atmospheric station. Energy Procedia, 2014, 63, 3907-3914. | 1.8 | 5 |
| 39 | Photocatalytic Degradation of Microcystin-LR: Conceptual Model and Pilot Scale Studies. Zeitschrift Fur Physikalische Chemie, 1999, 213, 75-86. | 2.8 | 4 |
| 40 | 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 |
| 41 | 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 |
| 42 | Shallow Geology of the CO ₂ CRC Otway Site: Evidence for Previously Undetected Neotectonic Features?. Energy Procedia, 2017, 114, 4424-4435. | 1.8 | 3 |
| 43 | The China Australia Geological Storage of CO ₂ (CAGS) Project: An example of bilateral cooperation and successful capacity building. Energy Procedia, 2018, 154, 80-85. | 1.8 | 3 |
| 44 | The CO ₂ CRC Otway Shallow CO ₂ Controlled Release Experiment: Geological Model and CO ₂ Migration Simulations. SSRN Electronic Journal, 0, , . | 0.4 | 3 |
| 45 | Dynamic Modelling for Feasibility Study of the Shallow CO ₂ Injection Experiment at the CO ₂ CRC Otway Site, Victoria, Australia. SSRN Electronic Journal, 0, , . | 0.4 | 3 |
| 46 | 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 |
| 47 | The CO ₂ CRC Otway shallow CO ₂ controlled release experiment: Fault characterization and geophysical monitoring design. International Journal of Greenhouse Gas Control, 2022, 118, 103667. | 4.6 | 3 |
| 48 | China Australia Geological Storage of CO ₂ (CAGS): Summary of CAGS2 and introducing CAGS3. Energy Procedia, 2017, 114, 5897-5904. | 1.8 | 2 |
| 49 | The CO ₂ CRC Otway Controlled CO ₂ Release Experiment in a Fault: Geomechanical Characterisation Pre-Injection. , 2019, , . | | 2 |
| 50 | The Co ₂ crc Otway Shallow Co ₂ Controlled Release Experiment: Fault Characterization and Leakage Scenarios. SSRN Electronic Journal, 0, , . | 0.4 | 1 |
| 51 | Update on the China Australia Geological Storage of CO ₂ (CAGS) Project: Phase 3. SSRN Electronic Journal, 0, , . | 0.4 | 1 |
| 52 | Photocatalytic Degradation of Microcystin-LR: Conceptual Model and Pilot Scale Studies. Zeitschrift Fur Physikalische Chemie, 1998, 1, 295-306. | 2.8 | 0 |
| 53 | Quantifying CO ₂ Leak Rates in Aquatic Environments. SSRN Electronic Journal, 0, , . | 0.4 | 0 |