# Alan J Guwy

List of Publications by Year
in descending order



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|---|---|---|---|
| 134 papers | 9,395 citations | 50276 46 h-index | 38395 95 g-index |
| 138 all docs | 138 docs citations | 138 times ranked | 9613 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Defining the biomethane potential (BMP) of solid organic wastes and energy crops: a proposed protocol for batch assays. Water Science and Technology, 2009, 59, 927-934. | 2.5 | 1,417 |
| 2 | The removal of pharmaceuticals, personal care products, endocrine disruptors and illicit drugs during wastewater treatment and its impact on the quality of receiving waters. Water Research, 2009, 43, 363-380. | 11.3 | 1,343 |
| 3 | The occurrence of pharmaceuticals, personal care products, endocrine disruptors and illicit drugs in surface water in South Wales, UK. Water Research, 2008, 42, 3498-3518. | 11.3 | 921 |
| 4 | Multi-residue method for the determination of basic/neutral pharmaceuticals and illicit drugs in surface water by solid-phase extraction and ultra performance liquid chromatographyâ€“positive electrospray ionisation tandem mass spectrometry. Journal of Chromatography A, 2007, 1161, 132-145. | 3.7 | 343 |
| 5 | Multiresidue methods for the analysis of pharmaceuticals, personal care products and illicit drugs in surface water and wastewater by solid-phase extraction and ultra performance liquid chromatographyâ€“electrospray tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2008, 391, 1293-1308. | 3.7 | 277 |
| 6 | An evaluation of the policy and techno-economic factors affecting the potential for biogas upgrading for transport fuel use in the UK. Energy Policy, 2011, 39, 1806-1816. | 8.8 | 233 |
| 7 | The effect of acid pretreatment on the anaerobic digestion and dewatering of waste activated sludge. Bioresource Technology, 2011, 102, 4076-4082. | 9.6 | 219 |
| 8 | Development of a tubular microbial fuel cell (MFC) employing a membrane electrode assembly cathode. Journal of Power Sources, 2009, 187, 393-399. | 7.8 | 158 |
| 9 | Microbial fuel cell type biosensor for specific volatile fatty acids using acclimated bacterial communities. Biosensors and Bioelectronics, 2013, 47, 50-55. | 10.1 | 140 |
| 10 | Fermentative biohydrogen production systems integration. Bioresource Technology, 2011, 102, 8534-8542. | 9.6 | 134 |
| 11 | Modular tubular microbial fuel cells for energy recovery during sucrose wastewater treatment at low organic loading rate. Bioresource Technology, 2010, 101, 1190-1198. | 9.6 | 133 |
| 12 | Illicit drugs and pharmaceuticals in the environment â€“ Forensic applications of environmental data. Part 1: Estimation of the usage of drugs in local communities. Environmental Pollution, 2009, 157, 1773-1777. | 7.5 | 129 |
| 13 | The effect of signal suppression and mobile phase composition on the simultaneous analysis of multiple classes of acidic/neutral pharmaceuticals and personal care products in surface water by solid-phase extraction and ultra performance liquid chromatographyâ€“negative electrospray tandem mass spectrometry. Talanta, 2008, 74, 1299-1312. | 5.5 | 124 |
| 14 | Life cycle assessment of biogas infrastructure options on a regional scale. Bioresource Technology, 2011, 102, 7313-7323. | 9.6 | 123 |
| 15 | Instrumentation and control of anaerobic digestion processes: a review and some research challenges. Reviews in Environmental Science and Biotechnology, 2015, 14, 615-648. | 8.1 | 118 |
| 16 | Influence of substrate concentration on the stability and yield of continuous biohydrogen production. Biotechnology and Bioengineering, 2006, 93, 971-979. | 3.3 | 110 |
| 17 | Influence of catholyte pH and temperature on hydrogen production from acetate using a two chamber concentric tubular microbial electrolysis cell. International Journal of Hydrogen Energy, 2010, 35, 7716-7722. | 7.1 | 101 |
| 18 | Removal and recovery of inhibitory volatile fatty acids from mixed acid fermentations by conventional electrodialysis. Bioresource Technology, 2015, 189, 279-284. | 9.6 | 94 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Hydrogen production from sewage sludge using mixed microflora inoculum: Effect of pH and enzymatic pretreatment. Bioresource Technology, 2008, 99, 6325-6331. | 9.6 | 91 |
| 20 | Illicit drugs and pharmaceuticals in the environment â€“ Forensic applications of environmental data, Part 2: Pharmaceuticals as chemical markers of faecal water contamination. Environmental Pollution, 2009, 157, 1778-1786. | 7.5 | 86 |
| 21 | Inhibition of methane production in microbial fuel cells: Operating strategies which select electrogens over methanogens. Bioresource Technology, 2014, 173, 75-81. | 9.6 | 85 |
| 22 | Performance characteristics of a two-stage dark fermentative system producing hydrogen and methane continuously. Biotechnology and Bioengineering, 2007, 97, 759-770. | 3.3 | 78 |
| 23 | Monitoring methanogenic population dynamics in a full-scale anaerobic digester to facilitate operational management. Bioresource Technology, 2013, 140, 234-242. | 9.6 | 70 |
| 24 | The influence of psychrophilic and mesophilic start-up temperature on microbial fuel cell system performance. Energy and Environmental Science, 2011, 4, 1011. | 30.8 | 68 |
| 25 | The potential for hydrogen-enriched biogas production from crops: Scenarios in the UK. Biomass and Bioenergy, 2007, 31, 95-104. | 5.7 | 66 |
| 26 | Integration of biohydrogen, biomethane and bioelectrochemical systems. Renewable Energy, 2013, 49, 188-192. | 8.9 | 64 |
| 27 | Life cycle assessment of biohydrogen and biomethane production and utilisation as a vehicle fuel. Bioresource Technology, 2013, 131, 235-245. | 9.6 | 63 |
| 28 | Increased biohydrogen yields, volatile fatty acid production and substrate utilisation rates via the electrodialysis of a continually fed sucrose fermenter. Bioresource Technology, 2017, 229, 46-52. | 9.6 | 61 |
| 29 | Utilising biohydrogen to increase methane production, energy yields and process efficiency via two stage anaerobic digestion of grass. Bioresource Technology, 2015, 189, 379-383. | 9.6 | 60 |
| 30 | Fermentative production of hydrogen from a wheat flour industry co-product. Bioresource Technology, 2008, 99, 5020-5029. | 9.6 | 59 |
| 31 | Increasing power recovery and organic removal efficiency using extended longitudinal tubular microbial fuel cell (MFC) reactors. Energy and Environmental Science, 2011, 4, 459-465. | 30.8 | 59 |
| 32 | Automatic control of load increases power and efficiency in a microbial fuel cell. Journal of Power Sources, 2011, 196, 2013-2019. | 7.8 | 57 |
| 33 | Neural network and on-off control of bicarbonate alkalinity in a fluidised-bed anaerobic digester. Water Research, 1997, 31, 2019-2025. | 11.3 | 56 |
| 34 | Catalase activity measurements in suspended aerobic biomass and soil samples. Enzyme and Microbial Technology, 1999, 25, 669-676. | 3.2 | 56 |
| 35 | Controlling for peak power extraction from microbial fuel cells can increase stack voltage and avoid cell reversal. Journal of Power Sources, 2014, 269, 363-369. | 7.8 | 56 |
| 36 | Anode modification to improve the performance of a microbial fuel cell volatile fatty acid biosensor. Sensors and Actuators B: Chemical, 2014, 201, 266-273. | 7.8 | 56 |

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|---|---|---|---|
| 37 | Hydrogen storage and demand to increase wind power onto electricity distribution networks. International Journal of Hydrogen Energy, 2014, 39, 10195-10207. | 7.1 | 56 |
| 38 | Control of power sourced from a microbial fuel cell reduces its start-up time and increases bioelectrochemical activity. Bioresource Technology, 2013, 140, 277-285. | 9.6 | 55 |
| 39 | Novel current sensing photovoltaic maximum power point tracking based on sliding mode control strategy. Solar Energy, 2015, 118, 80-86. | 6.1 | 54 |
| 40 | Augmenting Microbial Fuel Cell power by coupling with Supported Liquid Membrane permeation for zinc recovery. Water Research, 2014, 55, 115-125. | 11.3 | 53 |
| 41 | An improved titration model reducing over estimation of total volatile fatty acids in anaerobic digestion of energy crop, animal slurry and food waste. Water Research, 2014, 61, 162-170. | 11.3 | 53 |
| 42 | ADM1 can be applied to continuous bio-hydrogen production using a variable stoichiometry approach. Water Research, 2008, 42, 4379-4385. | 11.3 | 52 |
| 43 | Increasing polyhydroxyalkanoate (PHA) yields from Cupriavidus necator by using filtered digestate liquors. Bioresource Technology, 2013, 147, 345-352. | 9.6 | 51 |
| 44 | Production of hydrogen from sewage biosolids in a continuously fed bioreactor: Effect of hydraulic retention time and sparging. International Journal of Hydrogen Energy, 2010, 35, 469-478. | 7.1 | 49 |
| 45 | Porous anodes with helical flow pathways in bioelectrochemical systems: The effects of fluid dynamics and operating regimes. Journal of Power Sources, 2012, 213, 382-390. | 7.8 | 49 |
| 46 | A neural network, based on bicarbonate monitoring, to control anaerobic digestion. Water Research, 1995, 29, 1465-1470. | 11.3 | 47 |
| 47 | Direct fermentation of fodder maize, chicory fructans and perennial ryegrass to hydrogen using mixed microflora. Bioresource Technology, 2008, 99, 8833-8839. | 9.6 | 46 |
| 48 | Mesophilic biohydrogen production from calcium hydroxide treated wheat straw. International Journal of Hydrogen Energy, 2014, 39, 16891-16901. | 7.1 | 46 |
| 49 | Use of real time gas production data for more accurate comparison of continuous single-stage and two-stage fermentation. Bioresource Technology, 2013, 129, 561-567. | 9.6 | 44 |
| 50 | Energy storage for active network management on electricity distribution networks with wind power. IET Renewable Power Generation, 2014, 8, 249-259. | 3.1 | 44 |
| 51 | Operation of a bioelectrochemical system as a polishing stage for the effluent from a two-stage biohydrogen and biomethane production process. Biochemical Engineering Journal, 2014, 85, 125-131. | 3.6 | 44 |
| 52 | Do drug users use less alcohol than non-drug users? A comparison of ethyl glucuronide concentrations in hair between the two groups in medico-legal cases. Forensic Science International, 2008, 176, 82-86. | 2.2 | 43 |
| 53 | The effect of physico-chemically immobilized methylene blue and neutral red on the anode of microbial fuel cell. Biotechnology and Bioprocess Engineering, 2012, 17, 361-370. | 2.6 | 43 |
| 54 | The use of NaCl addition for the improvement of polyhydroxyalkanoate production by Cupriavidus necator. Bioresource Technology, 2014, 163, 287-294. | 9.6 | 41 |

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|---|---|---|---|
| 55 | Hydrogen production in a high rate fluidised bed anaerobic digester. Water Research, 1997, 31, 1291-1298. | 11.3 | 40 |
| 56 | The effect of internal capacitance on power quality and energy efficiency in a tubular microbial fuel cell. Process Biochemistry, 2014, 49, 973-980. | 3.7 | 40 |
| 57 | A novel method for increasing biohydrogen production from food waste using electrodialysis. International Journal of Hydrogen Energy, 2019, 44, 14715-14720. | 7.1 | 40 |
| 58 | Spatiotemporal development of the bacterial community in a tubular longitudinal microbial fuel cell. Applied Microbiology and Biotechnology, 2011, 90, 1179-1191. | 3.6 | 39 |
| 59 | Enhanced biomethane potential from wheat straw by low temperature alkaline calcium hydroxide pre-treatment. Bioresource Technology, 2015, 189, 258-265. | 9.6 | 38 |
| 60 | Bifurcation and stability analysis of an anaerobic digestion model. Nonlinear Dynamics, 2007, 48, 391-408. | 5.2 | 37 |
| 61 | Active biomass in activated sludge: Comparison of respirometry with catalase activity measured using an on-line monitor. Water Research, 1998, 32, 3705-3709. | 11.3 | 36 |
| 62 | Accurate measurement of internal resistance in microbial fuel cells by improved scanning electrochemical impedance spectroscopy. Electrochimica Acta, 2021, 366, 137388. | 5.2 | 35 |
| 63 | A new instrument for on-line measurement of bicarbonate alkalinity. Water Research, 1993, 27, 167-170. | 11.3 | 34 |
| 64 | On-line monitoring of anaerobic digestion: application of a device for continuous measurement of bicarbonate alkalinity. Water Science and Technology, 1994, 30, 1-10. | 2.5 | 32 |
| 65 | Operational temperature regulates anodic biofilm growth and the development of electrogenic activity. Applied Microbiology and Biotechnology, 2011, 92, 419-430. | 3.6 | 32 |
| 66 | Control of microbial fuel cell voltage using a gain scheduling control strategy. Journal of Power Sources, 2016, 322, 106-115. | 7.8 | 31 |
| 67 | Critical analysis of methods for the measurement of volatile fatty acids. Critical Reviews in Environmental Science and Technology, 2016, 46, 209-234. | 12.8 | 29 |
| 68 | Simulation of integrated novel PSA/EHP/C process for high-pressure hydrogen recovery from Coke Oven Gas. International Journal of Hydrogen Energy, 2020, 45, 15196-15212. | 7.1 | 29 |
| 69 | Continuous recovery and enhanced yields of volatile fatty acids from a continually-fed 100ÂL food waste bioreactor by filtration and electrodialysis. Waste Management, 2021, 122, 81-88. | 7.4 | 29 |
| 70 | GC-MS-MS Determination of Gamma-Hydroxybutyrate in Blood and Urine. Journal of Analytical Toxicology, 2006, 30, 375-379. | 2.8 | 28 |
| 71 | Integration of NIRS and PCA techniques for the process monitoring of a sewage sludge anaerobic digester. Bioresource Technology, 2013, 133, 398-404. | 9.6 | 27 |
| 72 | Simultaneous determination of GHB and EtG in hair using GCMS/MS. Drug Testing and Analysis, 2011, 3, 201-205. | 2.6 | 26 |

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| 73 | Performance parameter prediction for sewage sludge digesters using reflectance FT-NIR spectroscopy. Water Research, 2011, 45, 2463-2472. | 11.3 | 25 |
| 74 | On-line low flow high-precision gas metering systems. Water Research, 1995, 29, 977-979. | 11.3 | 24 |
| 75 | Evaluation of feeding regimes to enhance PHA production using acetic and butyric acids by a pure culture of Cupriavidus necator. Biotechnology and Bioprocess Engineering, 2014, 19, 989-995. | 2.6 | 24 |
| 76 | Sampled-time control of a microbial fuel cell stack. Journal of Power Sources, 2017, 356, 338-347. | 7.8 | 23 |
| 77 | Increasing 2 -Bio- (H2 and CH4) production from food waste by combining two-stage anaerobic digestion and electrodialysis for continuous volatile fatty acids removal. Waste Management, 2021, 129, 20-25. | 7.4 | 23 |
| 78 | The influence of anodic helical design on fluid flow and bioelectrochemical performance. Bioresource Technology, 2014, 165, 13-20. | 9.6 | 22 |
| 79 | Biohythane as an energy feedstock for solid oxide fuel cells. International Journal of Hydrogen Energy, 2019, 44, 27896-27906. | 7.1 | 22 |
| 80 | Characterization of a prototype industrial on-line analyzer for bicarbonate/carbonate monitoring. Biotechnology and Bioengineering, 1994, 44, 1325-1330. | 3.3 | 20 |
| 81 | Overcoming nutrient loss during volatile fatty acid recovery from fermentation media by addition of electrodialysis to a polytetrafluoroethylene membrane stack. Bioresource Technology, 2020, 301, 122543. | 9.6 | 20 |
| 82 | Maximising biohydrogen yields via continuous electrochemical hydrogen removal and carbon dioxide scrubbing. Bioresource Technology, 2016, 218, 512-517. | 9.6 | 18 |
| 83 | Fate of antibiotic resistant E. coli and antibiotic resistance genes during full scale conventional and advanced anaerobic digestion of sewage sludge. PLoS ONE, 2020, 15, e0237283. | 2.5 | 18 |
| 84 | Intensification of Acidogenic Fermentation for the Production of Biohydrogen and Volatile Fatty Acidsâ€"A Perspective. Fermentation, 2022, 8, 325. | 3.0 | 17 |
| 85 | A comparison of the ability of black box and neural network models of ARX structure to represent a fluidized bed anaerobic digestion process. Water Research, 1999, 33, 1027-1037. | 11.3 | 16 |
| 86 | Life cycle assessment of the electrolytic production and utilization of low carbon hydrogen vehicle fuel. International Journal of Hydrogen Energy, 2014, 39, 7190-7201. | 7.1 | 16 |
| 87 | Enrichment strategy for enhanced bioelectrochemical hydrogen production and the prevention of methanogenesis. International Journal of Hydrogen Energy, 2016, 41, 4120-4131. | 7.1 | 16 |
| 88 | Reducing the burden of food processing washdown wastewaters using microbial fuel cells. Biochemical Engineering Journal, 2017, 117, 210-217. | 3.6 | 16 |
| 89 | An automated instrument for monitoring oxygen demand in polluted waters. Water Research, 1999, 33, 3142-3148. | 11.3 | 15 |
| 90 | Addressing the challenge of optimum polyhydroxyalkanoate harvesting: Monitoring real time process kinetics and biopolymer accumulation using dielectric spectroscopy. Bioresource Technology, 2013, 134, 143-150. | 9.6 | 15 |

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|---|---|---|---|
| 91 | Highly efficient coproduction of electrical power and synthesis gas from biohythane using solid oxide fuel cell technology. Applied Energy, 2019, 255, 113854. | 10.1 | 15 |
| 92 | A technique for monitoring hydrogen peroxide concentration off-line and on-line. Water Research, 2000, 34, 2191-2198. | 11.3 | 14 |
| 93 | An implementation framework for wastewater treatment models requiring a minimum programming expertise. Water Science and Technology, 2009, 59, 367-380. | 2.5 | 14 |
| 94 | Bioelectrochemical treatment and recovery of copper from distillery waste effluents using power and voltage control strategies. Journal of Hazardous Materials, 2019, 371, 18-26. | 12.4 | 14 |
| 95 | Measurement of hydrogen peroxide in an advanced oxidation process using an automated biosensor. Water Research, 2007, 41, 260-268. | 11.3 | 13 |
| 96 | An evaluation of washing and extraction techniques in the analysis of ethyl glucuronide and fatty acid ethyl esters from hair samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 953-954, 115-119. | 2.3 | 13 |
| 97 | Optimization of VPSA-EHP/C process for high-pressure hydrogen recovery from Coke Oven Gas using CO selective adsorbent. International Journal of Hydrogen Energy, 2021, 46, 709-725. | 7.1 | 13 |
| 98 | Metabolic models to investigate energy limited anaerobic ecosystems. Water Science and Technology, 2009, 60, 1669-1675. | 2.5 | 11 |
| 99 | The impact of inocula carryover and inoculum dilution on the methane yields in batch methane potential tests. Bioresource Technology, 2016, 208, 134-139. | 9.6 | 10 |
| 100 | The importance of fuel variability on the performance of solid oxide cells operating on H2/CO2 mixtures from biohydrogen processes. International Journal of Hydrogen Energy, 2018, 43, 8972-8982. | 7.1 | 10 |
| 101 | Stopping Hydrogen Migration in Its Tracks: The First Successful Synthesis of Group Ten Scorpionate Complexes Based on Azaindole Scaffolds. Inorganic Chemistry, 2019, 58, 359-367. | 4.0 | 10 |
| 102 | Design and implementation of renewable hydrogen fuel cell vehicles. Renewable Energy and Power Quality Journal, 0, , 272-277. | 0.2 | 10 |
| 103 | Analysis of the dynamic performance of a microbial fuel cell using a system identification approach. Journal of Power Sources, 2013, 238, 218-226. | 7.8 | 9 |
| 104 | Utilizing grass for the biological production of polyhydroxyalkanoates (PHAs) via green biorefining: Material and energy flows. Journal of Industrial Ecology, 2021, 25, 802-815. | 5.5 | 9 |
| 105 | Control-oriented PEM fuel cell system modeling and repetitive controller design. , 2011, , . | | 8 |
| 106 | Factors affecting microbial fuel cell acclimation and operation in temperate climates. Water Science and Technology, 2013, 67, 2568-2575. | 2.5 | 8 |
| 107 | Co-electrolysis of simulated coke oven gas using solid oxide electrolysis technology. Energy Conversion and Management, 2020, 225, 113455. | 9.2 | 8 |
| 108 | Response to Randhir P. Deo and Rolf U. Halden's comments regarding â€˜The removal of pharmaceuticals, personal care products, endocrine disruptors and illicit drugs during wastewater treatment and its impact on the quality of receiving watersâ€™ by Kasprzyk-Hordern et al.. Water Research, 2010, 44, 2688-2690. | 11.3 | 7 |

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|---|---|---|---|
| 109 | Transformation of a Norbornadiene Unit to Ethylenylcyclopentene Requiring Cooperation between Boron and Rhodium Centers. Organometallics, 2020, 39, 1976-1988. | 2.3 | 7 |
| 110 | Simplified Reactor Design for Mixed Culture-Based Electrofermentation toward Butyric Acid Production. Processes, 2021, 9, 417. | 2.8 | 6 |
| 111 | Applicability of a PEDOT coated electrode for amperometric quantification of short chain carboxylic acids. Sensors and Actuators B: Chemical, 2018, 255, 712-719. | 7.8 | 5 |
| 112 | Electrogenic Biofilm Development Determines Charge Accumulation and Resistance to pH Perturbation. Energies, 2020, 13, 3521. | 3.1 | 5 |
| 113 | The effects of fuel variability on the electrical performance and durability of a solid oxide fuel cell operating on biohythane. International Journal of Hydrogen Energy, 2021, 46, 2630-2645. | 7.1 | 5 |
| 114 | An overview of renewable energy technologies and hydrogen economy. Renewable Energy and Power Quality Journal, 0, , 393-397. | 0.2 | 5 |
| 115 | Renewable hydrogen hybrid electric vehicles and optimal energy recovery systems. , 2012, , . | | 4 |
| 116 | A new sequential injection analysisâ€¢capillary electrophoresis system with amperometric detection. Electrophoresis, 2018, 39, 1754-1762. | 2.4 | 4 |
| 117 | Simple black box models predicting potential control parameters during disturbances to a fluidised bed anaerobic reactor. Water Science and Technology, 1997, 36, 229. | 2.5 | 3 |
| 118 | Energy management effects of integrating regenerative braking into a Renewable Hydrogen Vehicle. , 2012, , . | | 3 |
| 119 | Challenges in scaleâ€up of electrochemical <scp>CO<sub>2</sub></scp> reduction to formate integrated with product extraction using electrodialysis. Journal of Chemical Technology and Biotechnology, 2021, 96, 2461-2471. | 3.2 | 3 |
| 120 | A Novel Method for Measuring Biomass Activity Applied to Soils Contaminated with Oil Refinery Tar. Environmental Technology (United Kingdom), 2000, 21, 1019-1027. | 2.2 | 2 |
| 121 | Design and implementation of on-board hydrogen production and storage system for hydrogen fuel cell vehicles. , 2011, , . | | 2 |
| 122 | Integration of Wind Power and Hydrogen Hybrid Electric Vehicles into Electric Grids. Smart Innovation, Systems and Technologies, 2013, , 261-270. | 0.6 | 2 |
| 123 | Energy Storage for Active Network Management on Electricity Distribution Networks with Wind Power. Renewable Energy and Power Quality Journal, 0, , 621-626. | 0.2 | 2 |
| 124 | Fuzzy logic control for solar powered hydrogen production, storage and utilisation system. , 2012, , . | | 1 |
| 125 | Improved Dynamic Response and Range in Microbial Fuel Cell-Based Volatile Fatty Acid Sensor by Using Poised Potential. , 2015, , 183-192. | | 1 |
| 126 | Co-Electrolysis of Biohythane Using Solid Oxide Fuel Cell Technology. ECS Transactions, 2019, 91, 2333-2342. | 0.5 | 0 |

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|---|---|---|---|
| 127 | Analysis of organic and inorganic anions by a novel capillary electrophoresis-PEDOT based amperometric detection method. , 2019, , . | | 0 |
| 128 | Clean Conversion of Aqueous Ammonia Using a Solid Oxide Cell. ECS Transactions, 2021, 103, 2173-2184. | 0.5 | 0 |
| 129 | Co-Electrolysis of Simulated Coke Oven Gas with Carbon Dioxide Using a Solid Oxide Electrolysis Cell. ECS Transactions, 2021, 103, 629-641. | 0.5 | 0 |
| 130 | Optimal Hydrogen Storage and Demand on Electricity Distribution Networks with Excess Wind Power. Renewable Energy and Power Quality Journal, 0, , 627-632. | 0.2 | 0 |
| 131 | Title is missing!. , 2020, 15, e0237283. | | 0 |
| 132 | Title is missing!. , 2020, 15, e0237283. | | 0 |
| 133 | Title is missing!. , 2020, 15, e0237283. | | 0 |
| 134 | Title is missing!. , 2020, 15, e0237283. | | 0 |