John Cleary

List of Publications by Year
in descending order

Version: 2024-02-01

29	961	516710 16	713466 21
papers	citations	h-index	g-index

29	29	29	1219
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Assessment of microplastics in Irish river sediment. Heliyon, 2022, 8, e09853.	3.2	7
2	A Review of Microfluidic Detection Strategies for Heavy Metals in Water. Chemosensors, 2021, 9, 60.	3.6	33
3	Association of Potential Human Pathogens with Microplastics in Freshwater Systems. Springer Water, 2020, , 112-120.	0.3	8
4	Arsenic Monitoring in Water by Colorimetry Using an Optimized Leucomalachite Green Method. Molecules, 2019, 24, 339.	3.8	23
5	Chromium Monitoring in Water by Colorimetry Using Optimised 1,5-Diphenylcarbazide Method. International Journal of Environmental Research and Public Health, 2019, 16, 1803.	2.6	124
6	Arsenic detection in water using microfluidic detection systems based on the leucomalachite green method. Analytical Methods, 2019, 11, 5431-5438.	2.7	11
7	Global Lithium Sourcesâ€"Industrial Use and Future in the Electric Vehicle Industry: A Review. Resources, 2018, 7, 57.	3.5	182
8	Induced Plant Accumulation of Lithium. Geosciences (Switzerland), 2018, 8, 56.	2.2	20
9	Lithium in the Natural Waters of the South East of Ireland. International Journal of Environmental Research and Public Health, 2017, 14, 561.	2.6	31
10	Combining Remote Temperature Sensing with in-Situ Sensing to Track Marine/Freshwater Mixing Dynamics. Sensors, 2016, 16, 1402.	3.8	21
11	Autonomous reagent-based microfluidic pH sensor platform. Sensors and Actuators B: Chemical, 2016, 225, 369-376.	7.8	39
12	Development of a low cost microfluidic sensor for the direct determination of nitrate using chromotropic acid in natural waters. Analytical Methods, 2015, 7, 5396-5405.	2.7	35
13	The development of an autonomous sensing platform for the monitoring of ammonia in water using a simplified Berthelot method. Analytical Methods, 2014, 6, 7606-7614.	2.7	44
14	COMMON SENSE: Cost-effective sensors, interoperable with international existing ocean observing systems, to meet EU policies requirements. , 2014, , .		3
15	Cost-Effective Sensors, Interoperable With International Existing Ocean Observing Systems, To Meet EU Policies Requirements. International Journal on Smart Sensing and Intelligent Systems, 2014, 7, 1-6.	0.7	1
16	Integrated flow analysis platform for the direct detection of nitrate in water using a simplified chromotropic acid method. Analytical Methods, 2013, 5, 4798.	2.7	22
17	Distributed Environmental Monitoring. Springer Series on Chemical Sensors and Biosensors, 2012, , 321-363.	0.5	3
18	Autonomous analyser platforms for remote monitoring of water quality. , 2011, , .		3

#	Article	IF	Citations
19	In situ monitoring of environmental water quality using an autonomous microfluidic sensor. , 2010, , .		10
20	Biomimetics and materials with multiple personalities - The foundation of next generation molecular sensing devices. , 2010, , .		2
21	An Autonomous Microfluidic Sensor for Phosphate: On-Site Analysis of Treated Wastewater. IEEE Sensors Journal, 2008, 8, 508-515.	4.7	45
22	Integration of analytical measurements and wireless communicationsâ€"Current issues and future strategies. Talanta, 2008, 75, 606-612.	5.5	58
23	Field-deployable microfluidic sensor for phosphate in natural waters. , 2007, , .		3
24	Autonomous field-deployable device for the measurement of phosphate in natural water. , 2007, , .		10
25	Autonomous microfluidic system for phosphate detection. Talanta, 2007, 71, 1180-1185.	5.5	66
26	SmartCoast: A Wireless Sensor Network for Water Quality Monitoring. , 2007, , .		67
27	Intelligent Environmental Sensing with a Phosphate Monitoring System and Online Resources. AIP Conference Proceedings, 2007, , .	0.4	0
28	Adhesion of Polyether-Modified Poly(acrylic acid) to Mucin. Langmuir, 2004, 20, 9755-9762.	3.5	62
29	Diffusion and Release of Solutes in Pluronic-g-poly(acrylic acid) Hydrogels. Langmuir, 2003, 19, 9162-9172.	3.5	28