Lynn Dennany

List of Publications by Year
in descending order

71	2,026	218381	243296
papers	citations	26 h-index	44 g-index

71	71	71	2216
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrochemical Sensors for New Challenges. , 2023, , 158-173.		2
2	Can synthetic cannabinoids be reliably screened with electrochemistry? An assessment of the ability to screen for synthetic cannabinoids STS-135 and BB-22 within a single sample matrix. Journal of Electroanalytical Chemistry, 2022, 909, 116141.	1.9	4
3	Electrochemiluminescence sensors and forensic investigations: a viable technique for drug detection?. Pure and Applied Chemistry, 2022, 94, 535-545.	0.9	1
4	Characterising the response of novel 3D printed CNT electrodes to the virulence factor pyocyanin. Journal of Electroanalytical Chemistry, 2022, 909, 116149.	1.9	5
5	Electrocatalytic enhancement of [Ru(bpy)3]2+ electrochemiluminescence for gemcitabine detection toward precision measurement via gold nanoparticle addition. Bioelectrochemistry, 2022, 146, 108164.	2.4	2
6	Electrochemical monitoring of alcohol in sweat. Talanta, 2021, 224, 121815.	2.9	23
7	Electrochemiluminescence nanoimmunosensor for CD63 protein using a carbon nanochips/iron oxide/nafion-nanocomposite modified mesoporous carbon interface. Measurement: Journal of the International Measurement Confederation, 2021, 170, 108755.	2.5	8
8	Emission from the working and counter electrodes under co-reactant electrochemiluminescence conditions. Chemical Science, 2021, 12, 9770-9777.	3.7	15
9	Enhanced chemiluminescence determination of paracetamol. Analyst, The, 2021, 146, 1326-1333.	1.7	12
10	Novel Electrochemical and Fluorescent Materials for Sensor Applications. , 2021, , .		0
11	Does the salt really matter? Impact of the counterion upon ECL signal. Electrochimica Acta, 2021, 372, 137885.	2.6	3
12	Development of an Electrochemical CCL17/TARC Biosensor toward Rapid Triage and Monitoring of Classic Hodgkin Lymphoma. ACS Sensors, 2021, 6, 3262-3272.	4.0	5
13	Electrochemiluminescent screening for methamphetamine metabolites. Analyst, The, 2021, 146, 3336-3345.	1.7	12
14	Electrochemical Strategies for the Screening of Synthetic Cannabinoid BB-22 (QUCHIC) within a Toxicological Specimen. Journal of the Electrochemical Society, 2021, 168, 126510.	1.3	5
15	Assessment of [Ru(bpy)2]3+and [Os(diars)2(bthp)]2+ for the electrochemiluminescence detection of gemcitabine and leucovorin toward diagnostic point-of-care sensors within precision medicine. Sensors and Actuators Reports, 2021, 3, 100065.	2.3	2
16	Tale of Two Alkaloids: pH-Controlled Electrochemiluminescence for Differentiation of Structurally Similar Compounds. Analytical Chemistry, 2020, 92, 2216-2223.	3.2	22
17	Structural refinement and electrochemical properties of one dimensional (ZnO NRs)1â^'x(CNs)x functional hybrids for serotonin sensing studies. Scientific Reports, 2020, 10, 15955.	1.6	17
18	Datura quids at Pinwheel Cave, California, provide unambiguous confirmation of the ingestion of hallucinogens at a rock art site. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31026-31037.	3.3	25

#	Article	IF	Citations
19	Electrochemiluminescent sensors as a screening strategy for psychoactive substances within biological matrices. Analyst, The, 2020, 145, 4295-4304.	1.7	23
20	Electrochemiluminescence Detection of Methamphetamine in Biological Matrices. , 2020, , .		2
21	Voltammetry as a rapid screening method for NPS identification. , 2020, , .		2
22	Psychoactive Substances and How to Find Them: Electrochemiluminescence as a Strategy for Identification and Differentiation of Drug Species. Journal of the Electrochemical Society, 2020, 167, 166502.	1.3	5
23	Psychoactive Substances and How to Find Them: Electrochemiluminescence As a Strategy for Identification and Differentiation of Drug Species. ECS Meeting Abstracts, 2020, MA2020-02, 2881-2881.	0.0	0
24	Utilization of an Electrochemiluminescence Sensor for Atropine Determination in Complex Matrices. Analytical Chemistry, 2019, 91, 12369-12376.	3.2	36
25	Evaluation of the one-step Lumicyanoâ„¢ used in the visualisation of fingermarks on fabrics. Science and Justice - Journal of the Forensic Science Society, 2019, 59, 486-497.	1.3	5
26	â€˜Cathodicâ€™ electrochemiluminescence of [Ru(bpy)₃]²⁺ and tri-n-propylamine confirmed as emission at the counter electrode. Chemical Communications, 2019, 55, 7081-7084.	2.2	16
27	Electrochemical Devices For Forensic Chemical Sensing. RSC Detection Science, 2019, , 115-139.	0.0	4
28	Deactivation of the ruthenium excited state by enhanced homogeneous charge transport: Implications for electrochemiluminescent thin film sensors. Electrochemistry Communications, 2018, 86, 90-93.	2.3	9
29	Cathodic Quantum Dot Facilitated Electrochemiluminescent Detection in Blood. Analytical Chemistry, 2018, 90, 12944-12950.	3.2	40
30	Independent validation of body fluid-specific CpG markers and construction of a robust multiplex assay. Forensic Science International: Genetics, 2017, 29, 261-268.	1.6	27
31	Applications of electrochemical sensors: Forensic drug analysis. Current Opinion in Electrochemistry, 2017, 3, 23-28.	2.5	79
32	A proof of principal study on the use of direct PCR of semen and spermatozoa and development of a differential isolation protocol for use in cases of alleged sexual assault. International Journal of Legal Medicine, 2017, 131, 87-94.	1.2	7
33	Electrochemiluminescent detection of methamphetamine and amphetamine. Forensic Science International, 2016, 264, 1-6.	1.3	44
34	The EpiTect Methyl qPCR Assay as novel age estimation method in forensic biology. Forensic Science International, 2016, 264, 132-138.	1.3	21
35	Optimising electrogenerated chemiluminescence of quantum dots via co-reactant selection. Analytical and Bioanalytical Chemistry, 2016, 408, 7129-7136.	1.9	16
36	Quantification of global mitochondrial DNA methylation levels and inverse correlation with age at two CpG sites. Aging, 2016, 8, 636-641.	1.4	46

#	Article	IF	Citations
37	A Cholesterol Biosensor Based on the NIR Electrogenerated-Chemiluminescence (ECL) of Water-Soluble CdSeTe/ZnS Quantum Dots. Electrochimica Acta, 2015, 157, 8-14.	2.6	57
38	Electrochemiluminescence platform for the detection of C-reactive proteins: application of recombinant antibody technology to cardiac biomarker detection. RSC Advances, 2015, 5, 67874-67877.	1.7	34
39	An assessment of the subjectivity of sperm scoring. Forensic Science International, 2015, 251, 83-86.	1.3	8
40	The hydrochloride and hydrobromide salt forms of (S)-amphetamine. Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 844-849.	0.2	2
41	Whole Blood Electrochemiluminescent Detection of Dopamine. Analytical Chemistry, 2015, 87, 11847-11853.	3.2	106
42	Highly efficient electrogenerated chemiluminescence of an oligofluorene-truxene star-shaped compound incorporating 2,1,3-benzothiadiazole units. Journal of Materials Chemistry C, 2015, 3, 1166-1171.	2.7	26
43	Organic bioelectronics: general discussion. Faraday Discussions, 2014, 174, 413-428.	1.6	5
44	Novel electrochemiluminescent materials for sensor applications. Faraday Discussions, 2014, 174, 357-367.	1.6	7
45	Eight salt forms of sulfadiazine. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 900-907.	0.2	4
46	Analytical applications of nanomaterials in electrogenerated chemiluminescence. Analytical and Bioanalytical Chemistry, 2014, 406, 5573-5587.	1.9	81
47	Insights into electrochemiluminescent enhancement through electrode surface modification. Analyst, The, 2013, 138, 677-682.	1.7	33
48	A comprehensive chromatographic comparison of amphetamine and methylamphetamine extracted from river water using molecular imprinted polymers and without the need for sample derivatization. Journal of Separation Science, 2012, 35, 3332-3339.	1.3	7
49	Highly sensitive detection of NADH using electrochemiluminescent nanocomposites. Electrochemistry Communications, 2012, 19, 43-45.	2.3	33
50	Ground and excited state communication within a ruthenium containing benzimidazole metallopolymer. Physical Chemistry Chemical Physics, 2011, 13, 7095.	1.3	14
51	A Multiswitchable Poly(terthiophene) Bearing a Spiropyran Functionality: Understanding Photo- and Electrochemical Control. Journal of the American Chemical Society, 2011, 133, 5453-5462.	6.6	96
52	Electrochemiluminescence (ECL) sensing properties of water soluble core-shell CdSe/ZnS quantum dots/Nafion composite films. Journal of Materials Chemistry, 2011, 21, 13984.	6.7	73
53	Electronic interactions within composites of polyanilines formed under acidic and alkaline conditions. Conductivity, ESR, Raman, UV-vis and fluorescence studies. Physical Chemistry Chemical Physics, 2011, 13, 3303.	1.3	52
54	ESR, Raman, and Conductivity Studies on Fractionated Poly(2-methoxyaniline-5-sulfonic acid). Journal of Physical Chemistry B, 2010, 114, 2337-2341.	1.2	25

#	Article	IF	Citations
55	Photolithographic patterning of conducting polyaniline films via flash welding. Synthetic Metals, 2010, 160, 1405-1409.	2.1	13
56	EPR characterisation of platinum nanoparticle functionalised carbon nanotube hybrid materials. Physical Chemistry Chemical Physics, 2010, 12, 4135.	1.3	49
57	Solid State Photochemistry of Novel Composites Containing Luminescent Metal Centers and Poly(2-methoxyaniline-5-sulfonic acid). Journal of Physical Chemistry B, 2009, 113, 7443-7448.	1.2	10
58	Luminescent Metal Complexes within Polyelectrolyte Layers: Tuning Electron and Energy Transfer. Langmuir, 2009, 25, 14053-14060.	1.6	20
59	Improved performance of porphyrin-based dye sensitised solar cells by phosphinic acid surface treatment. Energy and Environmental Science, 2009, 2, 1069.	15.6	49
60	The influence of poly(2-methoxyaniline-5-sulfonic acid) on the electrochemical and photochemical properties of a highly luminescent ruthenium complex. Electrochimica Acta, 2008, 53, 4599-4605.	2.6	29
61	Surface confinement and its effects on the luminescence quenching of a ruthenium-containing metallopolymer. Analyst, The, 2008, 133, 753.	1.7	27
62	Reversible Photoinduced Electron Transfer in a Ruthenium Poly(2-methoxyaniline-5-sulfonic acid) Composite Film. Journal of Physical Chemistry B, 2008, 112, 12907-12912.	1.2	26
63	Ruthenium Aminophenanthroline Metallopolymer Films Electropolymerized from an Ionic Liquid: Deposition and Electrochemical and Photonic Properties. Langmuir, 2008, 24, 11233-11238.	1.6	37
64	Nanoparticle-Metallopolymer Assemblies: Luminescent Properties. ECS Transactions, 2007, 3, 1-8.	0.3	0
65	Nafionâ"Tris(2-2â€˜-bipyridyl)ruthenium(II) Ultrathin Langmuirâ"Schaefer Films:â€‰ Redox Catalysis and Electrochemiluminescent Properties. Analytical Chemistry, 2007, 79, 7549-7553.	3.2	55
66	Effect of Surface Immobilization on the Electrochemiluminescence of Ruthenium-Containing Metallopolymers. Analytical Chemistry, 2006, 78, 1412-1417.	3.2	83
67	Electrochemiluminescent monolayers on metal oxide electrodes: Detection of amino acids. Electrochemistry Communications, 2006, 8, 1588-1594.	2.3	53
68	Luminescence properties of metallopolymer-gold nanoparticle composites. , 2005, , .		0
69	Direct Electrochemiluminescence Detection of Oxidized DNA in Ultrathin Films Containing [Os(bpy)2(PVP)10]2+. Journal of the American Chemical Society, 2004, 126, 8835-8841.	6.6	121
70	Simultaneous Direct Electrochemiluminescence and Catalytic Voltammetry Detection of DNA in Ultrathin Films. Journal of the American Chemical Society, 2003, 125, 5213-5218.	6.6	240
71	Electrochemiluminescence fundamentals and analytical applications. SPR Electrochemistry, 0, , 96-146.	0.7	6