

Paul S Francis

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168
papers

4,513
citations

38
h-index

56
g-index

177
ext. papers

5,071
ext. citations

5.9
avg, IF

5.52
L-index

#	Paper	IF	Citations
168	Tris(2,2'-bipyridyl)ruthenium(II) chemiluminescence. <i>Analyst, The</i> , 2006 , 131, 616-39	5	240
167	Acidic potassium permanganate as a chemiluminescence reagent--a review. <i>Analytica Chimica Acta</i> , 2007 , 601, 36-67	6.6	159
166	A potential-controlled switch on/off mechanism for selective excitation in mixed electrochemiluminescent systems. <i>Chemical Science</i> , 2013 , 4, 977-982	9.4	121
165	Red-green-blue electrogenerated chemiluminescence utilizing a digital camera as detector. <i>Analytical Chemistry</i> , 2014 , 86, 2727-32	7.8	92
164	Selective excitation of concomitant electrochemiluminophores: tuning emission color by electrode potential. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 4354-7	16.4	89
163	Microfluidic devices for cell cultivation and proliferation. <i>Biomicrofluidics</i> , 2013 , 7, 51502	3.2	88
162	Analytical methodology for the determination of urea: current practice and future trends. <i>TrAC - Trends in Analytical Chemistry</i> , 2002 , 21, 389-400	14.6	81
161	N-Acetylcysteine improves mitochondrial function and ameliorates behavioral deficits in the R6/1 mouse model of Huntington's disease. <i>Translational Psychiatry</i> , 2015 , 5, e492	8.6	80
160	Electrochemiluminescent ruthenium(II) N-heterocyclic carbene complexes: a combined experimental and theoretical study. <i>Inorganic Chemistry</i> , 2013 , 52, 7448-59	5.1	74
159	Annihilation electrogenerated chemiluminescence of mixed metal chelates in solution: modulating emission colour by manipulating the energetics. <i>Chemical Science</i> , 2015 , 6, 472-479	9.4	68
158	Understanding electrogenerated chemiluminescence efficiency in blue-shifted iridium(III)-complexes: an experimental and theoretical study. <i>Chemistry - A European Journal</i> , 2014 , 20, 3322-32	4.8	68
157	Determination of urea using high-performance liquid chromatography with fluorescence detection after automated derivatisation with xanthidrol. <i>Journal of Chromatography A</i> , 2007 , 1161, 207-13	4.5	67
156	Electrochemical surface modification of carbon fibres by grafting of amine, carboxylic and lipophilic amide groups. <i>Carbon</i> , 2017 , 118, 393-403	10.4	65
155	Determination of intracellular glutathione and glutathione disulfide using high performance liquid chromatography with acidic potassium permanganate chemiluminescence detection. <i>Analyst, The</i> , 2011 , 136, 2578-85	5	64
154	Selective determination of amino acids using flow injection analysis coupled with chemiluminescence detection. <i>Analytica Chimica Acta</i> , 2003 , 480, 67-77	6.6	64
153	Mobile phone-based electrochemiluminescence sensing exploiting the USB On-The-Go protocol. <i>Sensors and Actuators B: Chemical</i> , 2015 , 216, 608-613	8.5	62
152	Sulfur and potassium co-doped graphitic carbon nitride for highly enhanced photocatalytic hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2020 , 273, 119050	21.8	60

151	The Tandem Photoredox Catalysis Mechanism of [Ir(ppy)(dtb-bpy)] Enabling Access to Energy Demanding Organic Substrates. <i>Journal of the American Chemical Society</i> , 2019 , 141, 17646-17658	16.4	58
150	Advances in the use of acidic potassium permanganate as a chemiluminescence reagent: a review. <i>Analytica Chimica Acta</i> , 2014 , 807, 9-28	6.6	58
149	Chemiluminescence methods for the determination of ofloxacin. <i>Analytica Chimica Acta</i> , 2005 , 541, 3-126.6		56
148	Direct detection of biologically significant thiols and disulfides with manganese(IV) chemiluminescence. <i>Analytical Chemistry</i> , 2011 , 83, 6034-9	7.8	55
147	Chemiluminescence detection of opium poppy (<i>Papaver somniferum</i>) alkaloids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 48, 508-18	3.5	54
146	The characteristic red chemiluminescence from reactions with acidic potassium permanganate: further spectroscopic evidence for a manganese(II) emitter. <i>Analyst, The</i> , 2008 , 133, 49-51	5	53
145	Manganese(III) and manganese(IV) as chemiluminescence reagents: a review. <i>Analytica Chimica Acta</i> , 2008 , 624, 175-83	6.6	53
144	Chemiluminescence detector with a serpentine flow cell. <i>Analytical Chemistry</i> , 2008 , 80, 9817-21	7.8	52
143	Simultaneous control of spectroscopic and electrochemical properties in functionalised electrochemiluminescent tris(2,2'-bipyridine)ruthenium(II) complexes. <i>Analyst, The</i> , 2011 , 136, 1329-38	5	51
142	A conceptual framework for the development of iridium(III) complex-based electrogenerated chemiluminescence labels. <i>Chemical Science</i> , 2019 , 10, 8654-8667	9.4	50
141	Hypohalites and related oxidants as chemiluminescence reagents: a review. <i>Luminescence</i> , 2004 , 19, 94-115		50
140	Mechanism of permanganate chemiluminescence. <i>Analytical Chemistry</i> , 2010 , 82, 4174-80	7.8	47
139	Copper as a target for prostate cancer therapeutics: copper-ionophore pharmacology and altering systemic copper distribution. <i>Oncotarget</i> , 2016 , 7, 37064-37080	3.3	47
138	Iridium(III) N-heterocyclic carbene complexes: an experimental and theoretical study of structural, spectroscopic, electrochemical and electrogenerated chemiluminescence properties. <i>Dalton Transactions</i> , 2015 , 44, 8564-76	4.3	44
137	Chemiluminescence and electrochemiluminescence detection of controlled drugs. <i>Drug Testing and Analysis</i> , 2011 , 3, 145-60	3.5	44
136	Potential-Resolved Electrogenerated Chemiluminescence for the Selective Detection of Multiple Luminophores. <i>ChemPlusChem</i> , 2015 , 80, 456-470	2.8	43
135	Noble-metal-free NiN/g-CN photocatalysts with enhanced hydrogen production under visible light irradiation. <i>Dalton Transactions</i> , 2018 , 47, 12188-12196	4.3	43
134	Rapid determination of <i>Papaver somniferum</i> alkaloids in process streams using monolithic column high-performance liquid chromatography with chemiluminescence detection. <i>Analytica Chimica Acta</i> , 2007 , 597, 19-23	6.6	41

133	Tailoring the fibre-to-matrix interface using click chemistry on carbon fibre surfaces. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 11204-11213	13	40
132	A hybrid FIA/HPLC system incorporating monolithic column chromatography. <i>Analytica Chimica Acta</i> , 2007 , 600, 136-41	6.6	40
131	Transport of neurofilaments in growing axons requires microtubules but not actin filaments. <i>Journal of Neuroscience Research</i> , 2005 , 79, 442-50	4.4	40
130	Control of excitation and quenching in multi-colour electrogenerated chemiluminescence systems through choice of co-reactant. <i>Chemistry - A European Journal</i> , 2014 , 20, 14026-31	4.8	38
129	Electrochemiluminescent monomers for solid support syntheses of Ru(II)-PNA bioconjugates: multimodal biosensing tools with enhanced duplex stability. <i>Inorganic Chemistry</i> , 2012 , 51, 3302-15	5.1	37
128	Tris(2,2'-bipyridyl)ruthenium(II) chemiluminescence enhanced by silver nanoparticles. <i>Chemical Communications</i> , 2007 , 395-7	5.8	37
127	Determination of selected neurotransmitter metabolites using monolithic column chromatography coupled with chemiluminescence detection. <i>Talanta</i> , 2005 , 67, 585-9	6.2	36
126	New perspectives on the annihilation electrogenerated chemiluminescence of mixed metal complexes in solution. <i>Chemical Science</i> , 2016 , 7, 5271-5279	9.4	36
125	Chemiluminescence from reactions with bis-cyclometalated iridium complexes in acidic aqueous solution. <i>Analyst, The</i> , 2009 , 134, 1297-8	5	35
124	Pulsed flow chemistry: a new approach to solution handling for flow analysis coupled with chemiluminescence detection. <i>Analyst, The</i> , 2000 , 125, 1869-1874	5	35
123	High performance liquid chromatography with two simultaneous on-line antioxidant assays: Evaluation and comparison of espresso coffees. <i>Talanta</i> , 2010 , 81, 837-42	6.2	34
122	Selective Excitation of Concomitant Electrochemiluminophores: Tuning Emission Color by Electrode Potential. <i>Angewandte Chemie</i> , 2012 , 124, 4430-4433	3.6	33
121	Screening for antioxidants in complex matrices using high performance liquid chromatography with acidic potassium permanganate chemiluminescence detection. <i>Analytica Chimica Acta</i> , 2011 , 684, 134-41	6.6	33
120	Plasmonic nanopapers: flexible, stable and sensitive multiplex PUF tags for unclonable anti-counterfeiting applications. <i>Nanoscale</i> , 2020 , 12, 9471-9480	7.7	32
119	Considering the chemical energy requirements of the tri-n-propylamine co-reactant pathways for the judicious design of new electrogenerated chemiluminescence detection systems. <i>Analyst, The</i> , 2016 , 141, 62-9	5	31
118	Determination of opiate alkaloids in process liquors using capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007 , 43, 1164-8	3.5	30
117	Probing the tunable surface chemistry of graphene oxide. <i>Chemical Communications</i> , 2015 , 51, 10969-72	5.8	29
116	A rapid antioxidant assay based on acidic potassium permanganate chemiluminescence. <i>Food Chemistry</i> , 2010 , 122, 926-929	8.5	28

115	Soluble manganese(IV) as a chemiluminescence reagent for the determination of opiate alkaloids, indoles and analytes of forensic interest. <i>Talanta</i> , 2007 , 71, 1951-7	6.2	28
114	Electrogenerated chemiluminescence of tris(2,2' bipyridine)ruthenium(II) using common biological buffers as co-reactant, pH buffer and supporting electrolyte. <i>Analyst, The</i> , 2015 , 140, 7142-5	5	27
113	Evaluation of tris(4,7-diphenyl-1,10-phenanthroline)disulfonate)ruthenium(II) as a chemiluminescence reagent. <i>Analytica Chimica Acta</i> , 2009 , 634, 222-7	6.6	27
112	N-acetylcysteine modulates glutamatergic dysfunction and depressive behavior in Huntington's disease. <i>Human Molecular Genetics</i> , 2016 , 25, 2923-2933	5.6	27
111	Boron Radicals Identified as the Source of the Unexpected Catalysis by Boron Nitride Nanosheets. <i>ACS Nano</i> , 2019 , 13, 1394-1402	16.7	27
110	N-acetylcysteine (NAC) in schizophrenia resistant to clozapine: a double blind randomised placebo controlled trial targeting negative symptoms. <i>BMC Psychiatry</i> , 2016 , 16, 320	4.2	26
109	Fiber with Butterfly Wings: Creating Colored Carbon Fibers with Increased Strength, Adhesion, and Reversible Malleability. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 41617-41625	9.5	26
108	Blue Electrogenerated Chemiluminescence from Water-Soluble Iridium Complexes Containing Sulfonated Phenylpyridine or Tetraethylene Glycol Derivatized Triazolylpyridine Ligands. <i>Chemistry - A European Journal</i> , 2015 , 21, 14987-95	4.8	26
107	Electrochemiluminescent peptide nucleic acid-like monomers containing Ru(II)-dipyridoquinoxaline and Ru(II)-dipyridophenazine complexes. <i>Inorganic Chemistry</i> , 2011 , 50, 12172-83	5.1	26
106	3D-printed and CNC milled flow-cells for chemiluminescence detection. <i>Talanta</i> , 2014 , 126, 110-5	6.2	25
105	Precision milled flow-cells for chemiluminescence detection. <i>Analyst, The</i> , 2009 , 134, 2233-8	5	25
104	High-performance liquid chromatography with post-column 2,2'-diphenyl-1-picrylhydrazyl radical scavenging assay: methodological considerations and application to complex samples. <i>Analytica Chimica Acta</i> , 2010 , 675, 76-82	6.6	25
103	Determination of synephrine in weight-loss products using high performance liquid chromatography with acidic potassium permanganate chemiluminescence detection. <i>Analytica Chimica Acta</i> , 2007 , 593, 98-102	6.6	25
102	Enhanced permanganate chemiluminescence. <i>Analyst, The</i> , 2011 , 136, 64-6	5	24
101	Stable tris(2,2'-bipyridine)ruthenium(III) for chemiluminescence detection. <i>Analytical Chemistry</i> , 2011 , 83, 5453-7	7.8	24
100	Autocatalytic nature of permanganate oxidations exploited for highly sensitive chemiluminescence detection. <i>Analytical Chemistry</i> , 2010 , 82, 2580-4	7.8	24
99	Emitting species in chemiluminescence reactions with acidic potassium permanganate: a re-evaluation based on new spectroscopic evidence. <i>Journal of Fluorescence</i> , 2009 , 19, 867-74	2.4	24
98	Comparison of homoleptic and heteroleptic 2,2'-bipyridine and 1,10-phenanthroline ruthenium complexes as chemiluminescence and electrochemiluminescence reagents in aqueous solution. <i>Analytica Chimica Acta</i> , 2009 , 635, 94-101	6.6	24

97	Any old radical won't do: an EPR study of the selective excitation and quenching mechanisms of [Ru(bipy) ₃] ²⁺ chemiluminescence and electrochemiluminescence. <i>Chemistry - A European Journal</i> , 2011 , 17, 8018-22	4.8	22
96	Co-reactant Electrogenerated Chemiluminescence of Iridium(III) Complexes Containing an Acetylacetonate Ligand. <i>ChemElectroChem</i> , 2017 , 4, 1797-1808	4.3	21
95	Solution mixing and the emission of light in flow-cells for chemiluminescence detection. <i>Analyst, The</i> , 2011 , 136, 913-9	5	21
94	Determination of 4-dihydroxy-3-methoxybenzeneacetic acid (vanilmandelic acid) by flow injection analysis coupled with luminolhexacyanoferrate(III) chemiluminescence detection. <i>Analytical Communications</i> , 1999 , 36, 131-134		21
93	Determination of Citrus aurantium protoalkaloids using HPLC with acidic potassium permanganate chemiluminescence detection. <i>Talanta</i> , 2010 , 80, 2191-5	6.2	20
92	Monitoring urea levels during haemodialysis with a pulsed-flow chemiluminescence analyser. <i>Analytica Chimica Acta</i> , 2002 , 461, 131-139	6.6	20
91	Flow analysis based on a pulsed flow of solution: theory, instrumentation and applications. <i>Talanta</i> , 2002 , 58, 1029-42	6.2	20
90	Protocols for finding the most orthogonal dimensions for two-dimensional high performance liquid chromatography. <i>Talanta</i> , 2015 , 134, 402-408	6.2	19
89	Copper accumulation in senescent cells: Interplay between copper transporters and impaired autophagy. <i>Redox Biology</i> , 2018 , 16, 322-331	11.3	19
88	A review of recent advances in chemiluminescence detection using nano-colloidal manganese(IV). <i>Analytica Chimica Acta</i> , 2014 , 848, 1-9	6.6	19
87	Accumulation and excretion of morphine by <i>Calliphora stygia</i> , an Australian blow fly species of forensic importance. <i>Journal of Insect Physiology</i> , 2011 , 57, 62-73	2.4	19
86	Development of an automated DNA purification module using a micro-fabricated pillar chip. <i>Analyst, The</i> , 2008 , 133, 248-55	5	19
85	The determination of urea in soil extracts and related samples—review. <i>Soil Research</i> , 2004 , 42, 709	1.8	19
84	Switching off the interactions between graphene oxide and doxorubicin using vitamin C: combining simplicity and efficiency in drug delivery. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 1251-1259	7.3	18
83	Enhancing permanganate chemiluminescence detection for the determination of glutathione and glutathione disulfide in biological matrices. <i>Analyst, The</i> , 2014 , 139, 2416-22	5	18
82	Improvement of cognitive function in schizophrenia with -acetylcysteine: A theoretical review. <i>Nutritional Neuroscience</i> , 2020 , 23, 139-148	3.6	18
81	Mixed annihilation electrogenerated chemiluminescence of iridium(III) complexes. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 18995-19006	3.6	18
80	Determination of neurotransmitters and their metabolites using one- and two-dimensional liquid chromatography with acidic potassium permanganate chemiluminescence detection. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 5669-76	4.4	17

79	The analysis of caffeine using two-dimensional reversed phase-reversed phase high performance liquid chromatography with UV-absorbance and chemiluminescence detection. <i>Talanta</i> , 2010 , 82, 1358-63	6.2	17
78	Green chemiluminescence from a bis-cyclometalated iridium(III) complex with an ancillary bathophenanthroline disulfonate ligand. <i>Analyst, The</i> , 2011 , 136, 3069-72	5	17
77	Self-enhanced multicolor electrochemiluminescence by competitive electron-transfer processes. <i>Chemical Science</i> , 2020 , 11, 4508-4515	9.4	17
76	Modification of Carbon Fibre Surfaces by Sulfur-Fluoride Exchange Click Chemistry. <i>ChemPhysChem</i> , 2018 , 19, 3176	3.2	17
75	Chemiluminescence detection with water-soluble iridium(III) complexes containing a sulfonate-functionalised ancillary ligand. <i>Analyst, The</i> , 2014 , 139, 6028-35	5	16
74	The assessment of pi-pi selective stationary phases for two-dimensional HPLC analysis of foods: application to the analysis of coffee. <i>Talanta</i> , 2010 , 82, 1349-57	6.2	16
73	The determination of urea in wine: a review. <i>Australian Journal of Grape and Wine Research</i> , 2006 , 12, 97-106	2.4	16
72	Chemiluminescence detection of heroin in illicit drug samples. <i>Talanta</i> , 2013 , 116, 619-25	6.2	15
71	Photoredox Catalysis of Intramolecular Cyclizations with a Reusable Silica-Bound Ruthenium Complex. <i>ChemCatChem</i> , 2015 , 7, 1655-1658	5.2	15
70	Chemiluminescence detection of amino acids and related compounds using acidic potassium permanganate, manganese(IV) or tris(2,2'-bipyridine)ruthenium(III). <i>Talanta</i> , 2012 , 99, 1051-6	6.2	15
69	Chemiluminescence spectra for the oxidation of sulphite in the presence of fluorescent and non-fluorescent enhancers. <i>Analytica Chimica Acta</i> , 2009 , 652, 303-7	6.6	15
68	Double-side solar hydrogen evolution nanopaper. <i>Applied Catalysis B: Environmental</i> , 2020 , 260, 118083	21.8	15
67	Colour tuning and enhancement of gel-based electrochemiluminescence devices utilising Ru(ii) and Ir(iii) complexes. <i>Chemical Communications</i> , 2019 , 55, 11474-11477	5.8	14
66	The use of parallel segmented outlet flow columns for enhanced mass spectral sensitivity at high chromatographic flow rates. <i>Rapid Communications in Mass Spectrometry</i> , 2012 , 26, 943-9	2.2	14
65	Chemiluminescence detection flow cells for flow injection analysis and high-performance liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 403, 2353-60	4.4	14
64	Chemiluminescence detectors for liquid chromatography. <i>Drug Testing and Analysis</i> , 2011 , 3, 139-44	3.5	14
63	Correlation between acidic potassium permanganate chemiluminescence and in vitro cell culture assay: Physiologically meaningful antioxidant activity. <i>Analytical Methods</i> , 2010 , 2, 171-173	3.2	14
62	Near-ultraviolet chemiluminescence from the reaction of ammonia with hypobromite in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006 , 65, 708-10	4.4	14

61	Chemiluminescence from the oxidation of urea and ammonia with hypobromite and N-bromosuccinimide. <i>Talanta</i> , 2004 , 64, 283-9	6.2	14
60	Amplification-free electrochemiluminescence molecular beacon-based microRNA sensing using a mobile phone for detection. <i>Sensors and Actuators B: Chemical</i> , 2021 , 330, 129261	8.5	14
59	A comparison of novel organoiridium(III) complexes and their ligands as a potential treatment for prostate cancer. <i>European Journal of Medicinal Chemistry</i> , 2016 , 109, 305-13	6.8	13
58	Electrochemically, Spectrally, and Spatially Resolved Annihilation-Electrogenerated Chemiluminescence of Mixed-Metal Complexes at Working and Counter Electrodes. <i>ChemElectroChem</i> , 2018 , 5, 1543-1547	4.3	13
57	Deficiency of selenoprotein S, an endoplasmic reticulum resident oxidoreductase, impairs the contractile function of fast-twitch hindlimb muscles. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018 , 315, R380-R396	3.2	13
56	Kinetics and selectivity of permanganate chemiluminescence: a study of hydroxyl and amino disubstituted benzene positional isomers. <i>Analytica Chimica Acta</i> , 2011 , 707, 121-7	6.6	13
55	A rapid test for heroin (3,6-diacetylmorphine) based on two chemiluminescence reactions. <i>Journal of Forensic Sciences</i> , 2006 , 51, 1080-4	1.8	13
54	Cathodic electrogenerated chemiluminescence of tris(2,2'-bipyridine)ruthenium(ii) and peroxydisulfate at pure TiCT MXene electrodes. <i>Chemical Communications</i> , 2020 , 56, 10022-10025	5.8	13
53	'Cathodic' electrochemiluminescence of [Ru(bpy)] and tri-n-propylamine confirmed as emission at the counter electrode. <i>Chemical Communications</i> , 2019 , 55, 7081-7084	5.8	12
52	Parallel segmented outlet flow high performance liquid chromatography with multiplexed detection. <i>Analytica Chimica Acta</i> , 2013 , 803, 154-9	6.6	11
51	Chemiluminescence from osmium(II) complexes with phenanthroline, diphosphine and diarsine ligands. <i>Analyst, The</i> , 2012 , 137, 2766-9	5	11
50	Chemiluminescence detection of piperazine designer drugs and related compounds using tris(2,2'-bipyridine)ruthenium(III). <i>Talanta</i> , 2013 , 116, 1067-72	6.2	11
49	Determination of intracellular glutathione and cysteine using HPLC with a monolithic column after derivatization with monobromobimane. <i>Biomedical Chromatography</i> , 2010 , 24, 455-7	1.7	11
48	Chemiluminescence detection of arginine-containing peptides separated with monolithic high-performance liquid chromatography. <i>Analytical Biochemistry</i> , 2005 , 336, 141-3	3.1	10
47	Confirmation of the classic tris(2,2'-bipyridyl)ruthenium(II) and oxalate electrochemiluminescence mechanism using EPR spectroscopy. <i>Chemical Communications</i> , 2011 , 47, 7806-8	5.8	9
46	Selectivity and potential interference from phenolic compounds in chemiluminescence methods for the determination of synephrine. <i>Luminescence</i> , 2009 , 24, 90-5	2.5	9
45	Emission from the working and counter electrodes under co-reactant electrochemiluminescence conditions. <i>Chemical Science</i> , 2021 , 12, 9770-9777	9.4	9
44	Overcoming solvent mismatch limitations in 2D-HPLC with temperature programming of isocratic mobile phases. <i>Analytical Methods</i> , 2016 , 8, 1293-1298	3.2	8

43	Analytically useful blue chemiluminescence from a water-soluble iridium(III) complex containing a tetraethylene glycol functionalised triazolylpyridine ligand. <i>Analyst, The</i> , 2016 , 141, 2140-4	5	8
42	Chemiluminescence detection of cannabinoids and related compounds with acidic potassium permanganate. <i>Drug Testing and Analysis</i> , 2012 , 4, 675-9	3.5	8
41	Improving the effects of plasma polymerization on carbon fiber using a surface modification pretreatment. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021 , 143, 106319	8.4	8
40	Autocatalytic chemiluminescence sheds new light on the classic permanganate-oxalate reaction. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 3918-24	2.8	7
39	Chemiluminescence evidence supporting the selective role of ligands in the permanganate oxidation of micropollutants. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 10286-93	2.8	7
38	A screening test for heroin based on sequential injection analysis with dual-reagent chemiluminescence detection. <i>Talanta</i> , 2008 , 76, 674-9	6.2	7
37	Application of 2D-HPLC coupled with principal component analysis to study an industrial opiate processing stream. <i>Talanta</i> , 2017 , 166, 119-125	6.2	6
36	Chemiluminescence reactions with cationic, neutral, and anionic ruthenium(II) complexes containing 2,2'-bipyridine and bathophenanthroline disulfonate ligands. <i>Talanta</i> , 2010 , 82, 859-62	6.2	6
35	Determination of arginine in dietary supplements. <i>Journal of the Science of Food and Agriculture</i> , 2005 , 85, 1217-1221	4.3	6
34	Ethanol as an alternative to formaldehyde for the enhancement of manganese(IV) chemiluminescence detection. <i>Talanta</i> , 2014 , 130, 221-5	6.2	5
33	The importance of chain length for the polyphosphate enhancement of acidic potassium permanganate chemiluminescence. <i>Analytica Chimica Acta</i> , 2014 , 842, 35-41	6.6	5
32	Comprehensive sample analysis using high performance liquid chromatography with multi-detection. <i>Analytica Chimica Acta</i> , 2013 , 803, 188-93	6.6	5
31	Chemiluminescence detection of 1,3,5-trinitro-1,3,5-triazacyclohexane (RDX) and related nitramine explosives. <i>Talanta</i> , 2012 , 88, 743-8	6.2	5
30	Luminescence. <i>Comprehensive Analytical Chemistry</i> , 2008 , 343-373	1.9	5
29	The emitting species formed by the oxidation of hydrazides with hypohalites or N-halosuccinimides. <i>Luminescence</i> , 2004 , 19, 205-8	2.5	5
28	A redox-mediator pathway for enhanced multi-colour electrochemiluminescence in aqueous solution.. <i>Chemical Science</i> , 2022 , 13, 469-477	9.4	5
27	Extraction, identification and detection of synthetic cannabinoids found pre-ban in herbal products in Victoria, Australia. <i>Forensic Chemistry</i> , 2018 , 7, 19-25	2.8	5
26	Hot electrons in carbon nitride with ultralong lifetime and their application in reversible dynamic color displays. <i>Cell Reports Physical Science</i> , 2021 , 2, 100516	6.1	5

25	On-line generation of a colloidal manganese(IV) reagent for chemiluminescence detection. <i>Microchemical Journal</i> , 2013 , 111, 67-73	4.8	4
24	Chemiluminescence from the reaction of tin(II) with tris(2,2'-bipyridyl)ruthenium(III). <i>Analyst, The</i> , 2009 , 134, 2397-9	5	4
23	Simultaneously 'pushing' and 'pulling' graphene oxide into low-polar solvents through a designed interface. <i>Nanotechnology</i> , 2018 , 29, 315707	3.4	4
22	Blind column selection protocol for two-dimensional high performance liquid chromatography. <i>Talanta</i> , 2016 , 154, 85-91	6.2	3
21	Generating different profiles of gradient concentrations inside a gel-filled chamber: design and simulation. <i>Microsystem Technologies</i> , 2013 , 19, 623-628	1.7	3
20	Chemiluminescence detection of MDMA in street drug samples using tris(2,2'-bipyridine)ruthenium(III). <i>Drug Testing and Analysis</i> , 2015 , 7, 428-32	3.5	3
19	Chemiluminescence from the Sakaguchi reaction. <i>Analytical Biochemistry</i> , 2004 , 329, 340-1	3.1	3
18	Psychoactive Substances and How to Find Them: Electrochemiluminescence as a Strategy for Identification and Differentiation of Drug Species. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 166502	3.9	3
17	A Comparison of Commercially Available Screen-Printed Electrodes for Electrogenerated Chemiluminescence Applications. <i>Frontiers in Chemistry</i> , 2020 , 8, 628483	5	3
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15	Chemiluminescence Liquid-Phase 2018 , 399-399		2
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