Kevin Ashley

List of Publications by Year
in descending order

100	2,009	304368	276539
papers	citations	22 h-index	41 g-index

101	101	101	1403
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aerosol analysis using quantum cascade laser infrared spectroscopy: Application to crystalline silica measurement. Journal of Aerosol Science, 2020, 150, 105643.	1.8	9
2	Evaluation of a 25-mm disposable sampler relative to the inhalable aerosol convention. Journal of Occupational and Environmental Hygiene, 2019, 16, 634-642.	0.4	2
3	Comparison of Microwave-Assisted Digestion and Consensus Open-Vessel Digestion Procedures for Evaluation of Metalliferous Airborne Particulate Matter. Annals of Work Exposures and Health, 2019, 63, 950-964.	0.6	2
4	Limits of Detection and Quantification in Analytical Chemistry: A Brief Overview of the Currie Protocol. , 2019, , 25-30.		0
5	Analysis of Crystalline Silica Aerosol Using Portable Raman Spectrometry: Feasibility of Near Real-Time Measurement. Analytical Chemistry, 2018, 90, 6229-6239.	3.2	22
6	Exploring Manganese Fractionation Using a Sequential Extraction Method to Evaluate Weldersâ€™ Gas Metal Arc Welding Exposures during Heavy Equipment Manufacturing. Annals of Occupational Hygiene, 2017, 61, 123-134.	1.9	1
7	Optical molecular fluorescence determination of ultra-trace beryllium in occupational and environmental samples using highly alkaline conditions. International Journal of Environmental Analytical Chemistry, 2017, 97, 264-275.	1.8	3
8	Measurement of Crystalline Silica Aerosol Using Quantum Cascade Laserâ€“Based Infrared Spectroscopy. Scientific Reports, 2017, 7, 13860.	1.6	17
9	Workplace air quality: International consensus standards. Journal of Occupational and Environmental Hygiene, 2016, 13, D111-D117.	0.4	2
10	Interlaboratory evaluation of cellulosic acid-soluble internal air sampling capsules for multi-element analysis. Journal of Occupational and Environmental Hygiene, 2016, 13, 40-47.	0.4	5
11	Manganese speciation of laboratory-generated welding fumes. Analytical Methods, 2015, 7, 6403-6410.	1.3	5
12	Harmonization of NIOSH Sampling and Analytical Methods With Related International Voluntary Consensus Standards. Journal of Occupational and Environmental Hygiene, 2015, 12, D107-D115.	0.4	1
13	Manganese Fractionation Using a Sequential Extraction Method to Evaluate Weldersâ€™ Shielded Metal Arc Welding Exposures During Construction Projects in Oil Refineries. Journal of Occupational and Environmental Hygiene, 2015, 12, 774-784.	0.4	8
14	5 Edition and Harmonization of Occupational Exposure Monitoring. Gefahrstoffe Reinhaltung Der Luft, 2015, 2015, 7-16.	0.1	8
15	New NIOSH Methods for Sampling and Analysis of Airborne Inorganic Acids. Journal of Occupational and Environmental Hygiene, 2014, 11, D208-D211.	0.4	3
16	Gravimetric Analysis of Particulate Matter using Air Samplers Housing Internal Filtration Capsules. Gefahrstoffe Reinhaltung Der Luft, 2014, 74, 403-410.	0.1	2
17	Analytical Performance Issues. Journal of Occupational and Environmental Hygiene, 2013, 10, D29-D33.	0.4	17
18	Acid-Soluble Internal Capsules for Closed-Face Cassette Elemental Sampling and Analysis of Workplace Air. Journal of Occupational and Environmental Hygiene, 2013, 10, 297-306.	0.4	14

#	Article	IF	Citations
19	Interlaboratory evaluation of trace element determination in workplace air filter samples by inductively coupled plasma mass spectrometry. Journal of Environmental Monitoring, 2012, 14, 360-367.	2.1	12
20	Preparation, certification and interlaboratory analysis of workplace air filters spiked with high-fired beryllium oxide. Journal of Environmental Monitoring, 2012, 14, 391-401.	2.1	6
21	Preliminary Studies on the Use of Acid-Soluble Cellulose Acetate Internal Capsules for Workplace Metals Sampling and Analysis. Journal of Occupational and Environmental Hygiene, 2012, 9, D125-D129.	0.4	9
22	Trace beryllium determination in polyvinyl alcohol wipes by extraction and fluorescence detection: interlaboratory analysis. Analytical Methods, 2011, 3, 1906.	1.3	6
23	Measurement of ultra-trace beryllium in occupational hygiene samples by extraction and fluorescence detection. Journal of Chemical Health and Safety, 2011, 18, 26-33.	1.1	4
24	Evaluation of a Handwipe Disclosing Method for Lead. Journal of ASTM International, 2011, 8, 1-7.	0.2	3
25	Handwipe Method for Removing Lead from Skin. Journal of ASTM International, 2011, 8, 1-10.	0.2	10
26	Review of Standards for Surface and Dermal Sampling. Journal of ASTM International, 2011, 8, 1-9.	0.2	9
27	Field-portable methods for monitoring occupational exposures to metals. Journal of Chemical Health and Safety, 2010, 17, 22-28.	1.1	14
28	Interlaboratory evaluation of a standardized inductively coupled plasma-mass spectrometry method for the determination of trace elements in air filter samples: preliminary results. Analytical Methods, 2010, 2, 1823.	1.3	6
29	Analytical Performance Criteria. Journal of Occupational and Environmental Hygiene, 2009, 6, D97-D100.	0.4	11
30	Interlaboratory Evaluation of a Standardized Inductively Coupled Plasma Mass Spectrometry Method for the Determination of Trace Beryllium in Air Filter Samples. Journal of Occupational and Environmental Hygiene, 2009, 6, 745-750.	0.4	9
31	Analytical Performance Criteria. Journal of Occupational and Environmental Hygiene, 2009, 6, D92-D96.	0.4	0
32	Evaluation of sequential extraction procedures for soluble and insoluble hexavalent chromium compounds in workplace air samples. Journal of Environmental Monitoring, 2009, 11, 318-325.	2.1	12
33	Extraction of Beryllium from Refractory Beryllium Oxide with Dilute Ammonium Bifluoride and Determination by Fluorescence: A Multiparameter Performance Evaluation. Journal of Occupational and Environmental Hygiene, 2009, 6, 735-744.	0.4	12
34	Chapter 4. Sample Dissolution Reagents for Beryllium: Applications in Occupational and Environmental Hygiene. , 2009, , 89-101.		2
35	Interlaboratory evaluation of an extraction and fluorescence method for the determination of trace beryllium in soils. Journal of Environmental Monitoring, 2008, 10, 955.	2.1	7
36	An Environmentally Friendly, Cost-Effective Determination of Lead in Environmental Samples Using Anodic Stripping Voltammetry. Journal of Chemical Education, 2008, 85, 976.	1.1	18

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37	Extraction and Optical Fluorescence Method for the Measurement of Trace Beryllium in Soils. Environmental Science & Technology, 2008, 42, 2066-2071.	4.6	13
38	Evaluation of a Standardized Micro-Vacuum Sampling Method for Collection of Surface Dust. Journal of Occupational and Environmental Hygiene, 2007, 4, 215-223.	0.4	20
39	Ultra-trace determination of beryllium in occupational hygiene samples by ammonium bifluoride extraction and fluorescence detection using hydroxybenzoquinoline sulfonate. Analytica Chimica Acta, 2007, 584, 281-286.	2.6	35
40	Validation of a standardized portable fluorescence method for determining trace beryllium in workplace air and wipe samples. Journal of Environmental Monitoring, 2006, 8, 619.	2.1	33
41	Vacuum sampling techniques for industrial hygienists, with emphasis on beryllium dust sampling. Journal of Environmental Monitoring, 2006, 8, 612.	2.1	12
42	Trace-level beryllium analysis in the laboratory and in the field: state of the art, challenges and opportunities. Journal of Environmental Monitoring, 2006, 8, 605.	2.1	25
43	Evaluation of a standardized method for determining soluble silver in workplace air samples. Journal of Environmental Monitoring, 2006, 8, 134-139.	2.1	7
44	A Bis-Oxime Derivative of Diaza-18-Crown-6 as an Ionophore for Silver Ion. Electroanalysis, 2005, 17, 1015-1018.	1.5	21
45	Analytical Performance Criteria. Journal of Occupational and Environmental Hygiene, 2005, 2, D44-D47.	0.4	1
46	Analytical Performance Criteria. Journal of Occupational and Environmental Hygiene, 2005, 2, D97-D99.	0.4	6
47	Analytical Performance Criteria. Journal of Occupational and Environmental Hygiene, 2004, 1, D37-D41.	0.4	7
48	Comparison of capillary earlobe and venous blood monitoring for occupational lead surveillance. Translational Research, 2004, 143, 217-224.	2.4	5
49	Field evaluation of a portable blood lead analyzer in workers living at a high altitude: A follow-up investigation. American Journal of Industrial Medicine, 2004, 46, 656-662.	1.0	10
50	Analytical Performance Criteria. Journal of Occupational and Environmental Hygiene, 2004, 1, D7-D9.	0.4	3
51	Field Method for the Determination of Insoluble or Total Hexavalent Chromium in Workplace Air. Journal of Occupational and Environmental Hygiene, 2004, 1, 613-619.	0.4	13
52	Developments in electrochemical sensors for occupational and environmental health applications. Journal of Hazardous Materials, 2003, 102, 1-12.	6.5	33
53	Evaluation of two portable lead-monitoring methods at mining sites. Journal of Hazardous Materials, 2003, 102, 29-38.	6.5	22
54	Sonication as a sample preparation method for elemental analysis. Comprehensive Analytical Chemistry, 2003, 41, 353-369.	0.7	1

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55	Sampling and analysis considerations for the determination of hexavalent chromium in workplace airThis article was prepared by governmental employees of the United States of America and the United Kingdom as part of their official duties, and legally may not be copyrighted in the USA or the UK.. Journal of Environmental Monitoring, 2003, 5, 707.	2.1	81
56	Field-Portable Spectroscopy. Journal of Occupational and Environmental Hygiene, 2003, 18, 10-15.	0.5	6
57	On-Site Measurement of Blood-Lead Concentrations Using Field-Portable Electroanalysis. Journal of Occupational and Environmental Hygiene, 2002, 17, 818-821.	0.5	1
58	Field measurement of lead in workplace air and paint chip samples by ultrasonic extraction and portable anodic stripping voltammetryThis article was prepared by US Government employees as part of their official duties, and legally may not be copyrighted in the United States of America.. Journal of Environmental Monitoring, 2002, 4, 156-161.	2.1	16
59	Ultrasonic extraction as a sample preparation technique for elemental analysis by atomic spectrometry. Journal of Analytical Atomic Spectrometry, 2001, 16, 1147-1153.	1.6	115
60	Field screening test methods: performance criteria and performance characteristics. Journal of Hazardous Materials, 2001, 83, 29-39.	6.5	49
61	Ultrasonic extraction and field-portable anodic stripping voltammetric measurement of lead in dust wipe samples. Journal of Hazardous Materials, 2001, 83, 41-50.	6.5	13
62	Evaluation of a portable blood lead analyzer with occupationally exposed populations. American Journal of Industrial Medicine, 2001, 40, 354-362.	1.0	25
63	International Standard Procedure for the Extraction of Metal Compounds Having Soluble Threshold Limit Values. Journal of Occupational and Environmental Hygiene, 2001, 16, 850-853.	0.5	4
64	Comparison of three sampling and analytical methods for the determination of airborne hexavalent chromium. Journal of Environmental Monitoring, 2000, 2, 329-333.	2.1	27
65	Evaluation of a Portable X-Ray Fluorescence Instrument for the Determination of Lead in Workplace Air Samples. Journal of Occupational and Environmental Hygiene, 1999, 14, 306-316.	0.5	30
66	Ultrasonic extraction and portable anodic stripping voltammetric measurement of lead in paint, dust wipes, soil, and air: An interlaboratory evaluation. Journal of Environmental Monitoring, 1999, 1, 459-464.	2.1	23
67	Field Method for the Determination of Hexavalent Chromium by Ultrasonication and Strong Anion-Exchange Solid-Phase Extraction. Analytical Chemistry, 1999, 71, 1027-1032.	3.2	68
68	Industrial Hygiene Chemistry:Â Keeping Pace with Rapid Change in the Workplace. Analytical Chemistry, 1999, 71, 33-60.	3.2	18
69	Field investigation of on-site techniques for the measurement of lead in paint films. , 1998, 2, 39-50.		25
70	Ultrasonic extraction of heavy metals from environmental and industrial hygiene samples for their subsequent determination1This article was prepared by US government employees as part of their official duties, and therefore legally may not be copyrighted in the United States of America.12Disclaimer: Mention of company names or products does not constitute endorsement by the Centers for Disease Control and Prevention.2. TrAC - Trends in Analytical Chemistry, 1998, 17, 366-372.	5.8	51
71	Ultrasonic Extraction and Field-Portable Anodic Stripping Voltammetry for the Determination of Lead in Workplace Air Samples. AIHA Journal, 1998, 59, 671-679.	0.4	16
72	Instrument Performance Criteria. Journal of Occupational and Environmental Hygiene, 1998, 13, 94-98.	0.5	5

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73	Evaluation of a Chemical Spot-Test Kit for the Detection of Airborne Particulate Lead in the Workplace. AIHA Journal, 1996, 57, 161-165.	0.4	13
74	Ultrasonic extraction and field-portable anodic stripping voltammetry of lead from environmental samples. Electroanalysis, 1995, 7, 1189-1192.	1.5	65
75	Comments on "Complementarity in Radiochemical and Infrared Spectroscopic Characterization of Electrode Adsorption". Langmuir, 1995, 11, 2845-2846.	1.6	0
76	Evaluation of Wipe Sampling Materials for Lead in Surface Dust. AIHA Journal, 1994, 55, 339-342.	0.4	25
77	Electroanalytical applications in occupational and environmental health. Electroanalysis, 1994, 6, 805-820.	1.5	42
78	An in-situ electrochemical quartz crystal microbalance study of the underpotential deposition of copper on Au(111) electrodes. Journal of Electroanalytical Chemistry, 1994, 364, 281-284.	1.9	101
79	Infrared spectroelectrochemical study of cyanide adsorption and reactions at platinum electrodes in aqueous perchlorate electrolyte. Journal of Electroanalytical Chemistry, 1994, 373, 201-209.	1.9	16
80	In situ Fourier transform infrared spectroelectrochemical study of bisulfate and sulfate adsorption on gold, with and without the underpotential deposition of copper. Langmuir, 1993, 9, 1878-1887.	1.6	85
81	Grazing Incidence Xâ€Ray and Electrochemical Study of Thin Film Copper(111) on Mica. Journal of the Electrochemical Society, 1992, 139, 1565-1568.	1.3	9
82	Fourier Transform Infrared Spectrometry/Attenuated Total Reflectance Study of the Reaction of Pentanal and Propanal with 2-(Hydroxymethyl)Piperidine. Applied Spectroscopy, 1992, 46, 266-272.	1.2	8
83	Infrared spectroelectrochemical study of cyanide adsorption on palladium surfaces. The Journal of Physical Chemistry, 1991, 95, 7409-7414.	2.9	19
84	Infrared spectroscopy to probe the electrochemical double layer. Electrochimica Acta, 1991, 36, 1863-1868.	2.6	22
85	Multiple internal reflection Fourier transform infrared spectroscopic studies of thiocyanate adsorption on silver and gold. Langmuir, 1990, 6, 209-217.	1.6	39
86	Electrochemical and photoelectronic spectral study of compounds with high ionization potentials: Anodic oxidation of vinyl triflates in aprotic solvents. Journal of Physical Organic Chemistry, 1990, 3, 670-676.	0.9	4
87	A second harmonic generation study of copper underpotential deposition on gold. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 280, 429-434.	0.3	5
88	Combined optical second harmonic generation/quartz crystal microbalance study of underpotential deposition processes: copper electrodeposition on polycrystalline gold. Applied Optics, 1990, 29, 4943.	2.1	9
89	Cation effects on the vibrational frequencies of adsorbed thiocyanate on platinum. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1989, 270, 349-364.	0.3	43
90	Properties of electrochemically generated poly(p-phenylene). Electrochimica Acta, 1989, 34, 599-610.	2.6	31

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91	In situ infrared spectroelectrochemical studies of cyanide adsorbed on platinum and palladium. Surface Science Letters, 1989, 219, L590-L594.	0.1	0
92	In situ infrared spectroelectrochemical studies of cyanide adsorbed on platinum and palladium. Surface Science, 1989, 219, L590-L594.	0.8	23
93	Infrared spectroelectrochemistry. Chemical Reviews, 1988, 88, 673-695.	23.0	228
94	The He(I) photoelectron spectra of methylenecyclopropene derivatives. Correlation with electrochemical oxidation. Journal of Organic Chemistry, 1988, 53, 3735-3738.	1.7	10
95	A conducting polymer formed from the anodic oxidation of toluene in acetonitrile. Journal of the Chemical Society Chemical Communications, 1988, , 1253.	2.0	4
96	An electrochemical and spectroelectrochemical study of substituted alkylidenecyclopropabenzenes: 1-(diphenylmethylene)cyclopropabenzene in the first anodic and cathodic voltammetric waves in acetonitrile. Canadian Journal of Chemistry, 1987, 65, 2062-2068.	0.6	9
97	Electrochemical and ultraviolet-visible spectroelectrochemical investigation of selectivity of potentiometric gas sensors based on polypyrrole. Analytical Chemistry, 1987, 59, 253-258.	3.2	63
98	Electrochemical oxidation and reduction of a substituted alkylidenecyclopropanaphthalene. Journal of Organic Chemistry, 1986, 51, 2089-2092.	1.7	10
99	Recent advances in UV-visible reflectance spectroelectrochemistry. TrAC - Trends in Analytical Chemistry, 1986, 5, 263-268.	5.8	6
100	Modulated surface vibrational spectroscopy at the electrodeâ€"solution interface. TrAC - Trends in Analytical Chemistry, 1985, 4, 142-145.	5.8	4