

Scott R Goode

List of Publications by Year in descending order

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35
papers

1,215
citations

567281

15
h-index

395702

33
g-index

35
all docs

35
docs citations

35
times ranked

954
citing authors

#	ARTICLE	IF	CITATIONS
1	Correction for light absorption in fluorescence studies of protein-ligand interactions. <i>Analytical Biochemistry</i> , 1983, 132, 353-361.	2.4	249
2	In Situ Determination of Lead in Paint by Laser-Induced Breakdown Spectroscopy Using a Fiber-Optic Probe. <i>Analytical Chemistry</i> , 1996, 68, 977-981.	6.5	119
3	Dual-pulse laser-induced breakdown spectroscopy with combinations of femtosecond and nanosecond laser pulses. <i>Applied Optics</i> , 2003, 42, 6099.	2.1	112
4	Energy Dependence of Emission Intensity and Temperature in a LIBS Plasma Using Femtosecond Excitation. <i>Applied Spectroscopy</i> , 2001, 55, 286-291.	2.2	106
5	Analysis of Aqueous Solutions by Laser-Induced Breakdown Spectroscopy of Ion Exchange Membranes. <i>Applied Spectroscopy</i> , 2002, 56, 370-374.	2.2	82
6	Some Comparisons of LIBS Measurements Using Nanosecond and Picosecond Laser Pulses. <i>Applied Spectroscopy</i> , 2001, 55, 279-285.	2.2	80
7	Identifying alloys by laser-induced breakdown spectroscopy with a time-resolved high resolution echelle spectrometer. <i>Journal of Analytical Atomic Spectrometry</i> , 2000, 15, 1133-1138.	3.0	57
8	Laser-induced breakdown spectroscopy for the detection of gunshot residues on the hands of a shooter. <i>Applied Optics</i> , 2003, 42, 6153.	2.1	54
9	Speciation of Chromium via Laser-Induced Breakdown Spectroscopy of Ion Exchange Polymer Membranes. <i>Applied Spectroscopy</i> , 2005, 59, 252-257.	2.2	53
10	Determination of electron density in an atomic plasma by least-squares fit to the Stark profile. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1984, 39, 813-818.	2.9	34
11	A Critical Evaluation of the Tangential Flow Torch Microwave-Induced Plasma Detector for Gas Chromatography. <i>Applied Spectroscopy</i> , 1983, 37, 439-443.	2.2	32
12	Some fundamental measurements of the atmospheric-pressure, microwave-induced discharge. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1980, 35, 569-579.	2.9	28
13	Constriction of a microwave-induced plasma by a magnetic pinch. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1981, 36, 925-929.	2.9	24
14	UV laser pyrolysis fast gas chromatography/time-of-flight mass spectrometry for rapid characterization of synthetic polymers: optimization of instrumental parameters. <i>Journal of Analytical and Applied Pyrolysis</i> , 2004, 71, 327-341.	5.5	22
15	Characterization of an enzymatic determination of arsenic(V) based on response surface methodology. <i>Analytica Chimica Acta</i> , 1981, 133, 169-182.	5.4	19
16	An experimental study of the signal-to-noise ratio in the microwave-induced plasma gas Chromatographic detector. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1987, 42, 309-322.	2.9	15
17	Emission Spectroscopy in the Undergraduate Laboratory. <i>Journal of Chemical Education</i> , 2003, 80, 1455.	2.3	15
18	UV laser pyrolysis fast gas chromatography/time-of-flight mass spectrometry for rapid characterization of synthetic polymers: instrument development. <i>Journal of Analytical and Applied Pyrolysis</i> , 2004, 71, 313-325.	5.5	15

#	ARTICLE	IF	CITATIONS
19	Measuring the spatial distribution of properties and species in microwave-induced helium plasmas. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1994, 49, 31-45.	2.9	13
20	Review and analysis of safety policies of chemical journals. <i>Journal of Chemical Health and Safety</i> , 2016, 23, 30-35.	2.1	11
21	Introducing the Journal of Chemical Education's Special Issue on Chemical Safety Education: Methods, Culture, and Green Chemistry. <i>Journal of Chemical Education</i> , 2021, 98, 1-6.	2.3	10
22	Enzyme-catalyzed reaction-rate method for determination of arsenic in water. <i>Analytical Chemistry</i> , 1978, 50, 1608-1611.	6.5	9
23	Determining a Solubility Product Constant by Potentiometric Titration To Increase Students' Conceptual Understanding of Potentiometry and Titrations. <i>Journal of Chemical Education</i> , 2017, 94, 636-639.	2.3	9
24	Fabrication and Utilization of a High-Power Microwave Supply for Electrodeless Discharge Lamps and other Spectrochemical Emission Sources. <i>Applied Spectroscopy</i> , 1981, 35, 308-311.	2.2	6
25	Visualizing the Solute Vaporization Interference in Flame Atomic Absorption Spectroscopy. <i>Journal of Chemical Education</i> , 2008, 85, 854.	2.3	6
26	A novel method for the study of atomization processes in the microwave-induced plasma. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1983, 38, 75-80.	2.9	5
27	The Influence of the Optical Viewing Axis on the Performance of the Microwave-Induced Plasma GC Detector. <i>Applied Spectroscopy</i> , 1988, 42, 1011-1015.	2.2	5
28	Journal of Chemical Education Call for Papers' Special Issue on Chemical Safety Education: Methods, Culture, and Green Chemistry. <i>Journal of Chemical Education</i> , 2019, 96, 1055-1057.	2.3	5
29	Using a Case Study to Teach Hazard Analysis and Risk Minimization. <i>Journal of Chemical Education</i> , 2021, 98, 183-185.	2.3	5
30	A Critical Evaluation of Fabrication Details and Operating Conditions Influencing Microwave-Excited Electrodeless Discharge Lamps. <i>Applied Spectroscopy</i> , 1978, 32, 63-69.	2.2	4
31	Planning and Building Laboratories: A Collaboration among Many. <i>Journal of Chemical Health and Safety</i> , 2021, 28, 38-48.	2.1	4
32	Automated access to spectrochemical databases. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1988, 43, 93-101.	2.9	3
33	Influence of the Isotopic Composition of Standards on the Accuracy of Atomic Spectrometry for the Determination of Lithium. <i>Applied Spectroscopy</i> , 2001, 55, 1225-1228.	2.2	2
34	Laser-induced breakdown spectroscopy using sequential laser pulses. , 0, , 516-538.		2
35	Highlights: Safety Blogs, Alane Reduction, Postlockdown Process Safety Concerns, and More. <i>Journal of Chemical Health and Safety</i> , 2021, 28, 10-13.	2.1	0