Freek Ariese

List of Publications by Year
in descending order

130 papers	6,327 citations	94433 37 h-index	74163 75 g-index
135 all docs	135 docs citations	135 times ranked	7654 citing authors

#	Article	IF	Citations
1	Guidelines for terms related to chemical speciation and fractionation of elements. Definitions, structural aspects, and methodological approaches (IUPAC Recommendations 2000). Pure and Applied Chemistry, 2000, 72, 1453-1470.	1.9	810
2	Analytical separation and detection methods for flavonoids. Journal of Chromatography A, 2006, 1112, 31-63.	3.7	563
3	Review of multidimensional data processing approaches for Raman and infrared spectroscopy. EPJ Techniques and Instrumentation, 2015, 2, .	1.3	418
4	Screening for microplastics in sediment, water, marine invertebrates and fish: Method development and microplastic accumulation. Marine Pollution Bulletin, 2017, 122, 403-408.	5.0	359
5	Achievements in resonance Raman spectroscopy. Analytica Chimica Acta, 2008, 606, 119-134.	5.4	234
6	Analytical methods for determining metabolites of polycyclic aromatic hydrocarbon (PAH) pollutants in fish bile: A review. Environmental Toxicology and Pharmacology, 2010, 30, 224-244.	4.0	225
7	Synchronous fluorescence spectrometry of fish bile: A rapid screening method for the biomonitoring of PAH exposure. Aquatic Toxicology, 1993, 26, 273-286.	4.0	182
8	Room temperature phosphorescence in the liquid state as a tool in analytical chemistry. Analytica Chimica Acta, 2003, 488, 135-171.	5.4	137
9	UV-B absorbance and UV-B absorbing compounds (para-coumaric acid) in pollen and sporopollenin: the perspective to track historic UV-B levels. Journal of Photochemistry and Photobiology B: Biology, 2001, 62, 108-117.	3.8	131
10	Expanded Analysis of Benzo[a]pyreneâ^'DNA Adducts Formed in Vitro and in Mouse Skin:Â Their Significance in Tumor Initiation. Chemical Research in Toxicology, 1996, 9, 897-903.	3.3	123
11	Liquid chromatography with atmospheric pressure chemical ionization and electrospray ionization mass spectrometry of flavonoids with triple-quadrupole and ion-trap instruments. Journal of Chromatography A, 2003, 984, 45-58.	3.7	105
12	Raman and infra-red microspectroscopy: towards quantitative evaluation for clinical research by ratiometric analysis. Chemical Society Reviews, 2016, 45, 1879-1900.	38.1	104
13	Determination of isoflavone glucoside malonates in Trifolium pratense L. (red clover) extracts: quantification and stability studies. Journal of Chromatography A, 2001, 932, 55-64.	3.7	102
14	Fast microplastics identification with stimulated Raman scattering microscopy. Journal of Raman Spectroscopy, 2018, 49, 1136-1144.	2.5	100
15	Proton Transfer in 3-Hydroxyflavone Studied by High-Resolution 10 K Laser-Excited Shpol'skii Spectroscopy. Journal of Physical Chemistry A, 2002, 106, 2844-2849.	2.5	94
16	Organic contaminants and trace metals in flounder liver and sediment from the Amsterdam and Rotterdam harbours and off the Dutch coast. Journal of Environmental Monitoring, 2001, 3, 386-393.	2.1	71
17	Bioaccumulation, biotransformation and DNA binding of pahs in feral eel (Anguilla anguilla) exposed to polluted sediments: A field survey. Environmental Toxicology and Chemistry, 1994, 13, 859-870.	4.3	70
18	Fluorescence Rejection in Resonance Raman Spectroscopy Using a Picosecond-Gated Intensified Charge-Coupled Device Camera. Applied Spectroscopy, 2007, 61, 571-578.	2.2	65

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19	BIOACCUMULATION, BIOTRANSFORMATION AND DNA BINDING OF PAHs IN FERAL EEL (ANGUILLA ANGUILLA) EXPOSED TO POLLUTED SEDIMENTS: A FIELD SURVEY. Environmental Toxicology and Chemistry, 1994, 13, 859.	4.3	61
20	Liquid chromatography coupled to nuclear magnetic resonance spectroscopy for the identification of isoflavone glucoside malonates inT. pratenseL. leaves.. Journal of Separation Science, 2004, 27, 1061-1070.	2.5	60
21	Combined Theoretical and Experimental Deep-UV Resonance Raman Studies of Substituted Pyrenes. Journal of Physical Chemistry A, 2005, 109, 2100-2106.	2.5	59
22	Excited State and Ground State Proton Transfer Rates of 3-Hydroxyflavone and Its Derivatives Studied by Shpol'skii Spectroscopy:Â The Influence of Redistribution of Electron Densityâ€. Journal of Physical Chemistry B, 2004, 108, 10589-10595.	2.6	56
23	Conformational studies of the (+)-trans, (â^')-trans, (+)-cis, and (â^')-cis adducts of anti-benzo[a]pyrene diolepoxide to N2-dG in duplex oligonucleotides using polyacrylamide gel electrophoresis and low-temperature fluorescence spectroscopy. Biophysical Chemistry, 1995, 56, 281-296.	2.8	51
24	Fluorescence behavior of (selected) flavonols: a combined experimental and computational study. Physical Chemistry Chemical Physics, 2013, 15, 12572.	2.8	49
25	Applicability of surface-enhanced resonance Raman scattering for the direct discrimination of ballpoint pen inks. Analyst, The, 2001, 126, 1418-1422.	3.5	48
26	Flavonoids in Leguminosae: Analysis of extracts of T. pratense L., T. dubium L., T. repens L., and L. corniculatus L. leaves using liquid chromatography with UV, mass spectrometric and fluorescence detection. Analytical and Bioanalytical Chemistry, 2004, 378, 995-1006.	3.7	48
27	Pyrene metabolites in the hepatopancreas and gut of the isopod porcellio scaber, a new biomarker for polycyclic aromatic hydrocarbon exposure in terrestrial ecosystems. Environmental Toxicology and Chemistry, 1999, 18, 2217-2224.	4.3	47
28	Determination of Benzo[a]pyreneâ^' and 7,12-Dimethylbenz[a]anthraceneâ^'DNA Adducts Formed in Rat Mammary Glands. Chemical Research in Toxicology, 1997, 10, 941-947.	3.3	46
29	Altered Adipogenesis in Zebrafish Larvae Following High Fat Diet and Chemical Exposure Is Visualised by Stimulated Raman Scattering Microscopy. International Journal of Molecular Sciences, 2017, 18, 894.	4.1	44
30	Picosecond Raman spectroscopy with a fast intensified CCD camera for depth analysis of diffusely scattering media. Analyst, The, 2009, 134, 1192.	3.5	42
31	Different Phases of Breast Cancer Cells: Raman Study of Immortalized, Transformed, and Invasive Cells. Biosensors, 2016, 6, 57.	4.7	42
32	Comparison of Laurentian Fulvic Acid luminescence with that of the hydroquinone/quinone model system: Evidence from low temperature fluorescence studies and EPR spectroscopy. Aquatic Sciences, 2004, 66, 86-94.	1.5	41
33	Identification and Quantification of the Depurinating DNA Adducts Formed in Mouse Skin Treated with Dibenzo[a,l]pyrene (DB[a,l]P) or Its Metabolites and in Rat Mammary Gland Treated with DB[a,l]P. Chemical Research in Toxicology, 2005, 18, 976-983.	3.3	41
34	A new model for the inference of population characteristics from experimental data using uncertainties. Application to interlaboratory studies. Chemometrics and Intelligent Laboratory Systems, 2000, 53, 37-55.	3.5	40
35	Doseâ€•and timeâ€dependent formation of biliary benzo[a]pyrene metabolites in the marine flatfish DAB (Limanda limanda). Environmental Toxicology and Chemistry, 2001, 20, 1641-1647.	4.3	39
36	Ascorbate Protects Neurons against Oxidative Stress: A Raman Microspectroscopic Study. ACS Chemical Neuroscience, 2015, 6, 1794-1801.	3.5	39

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37	The application of HPLC-F and GC-MS to the analysis of selected hydroxy polycyclic hydrocarbons in two certified fish bile reference materials. Journal of Environmental Monitoring, 2003, 5, 513.	2.1	38
38	Simple, rapid, and sensitive liquid chromatography-fluorescence method for the quantification of tranexamic acid in blood. Journal of Chromatography A, 2007, 1157, 142-150.	3.7	37
39	Intramolecular Proton-Transfer Processes Starting at Higher Excited States:Â A Fluorescence Study on 2-Butylamino-6-methyl-4-nitropyridineN-Oxide in Nonpolar Solutions. Journal of Physical Chemistry A, 2007, 111, 5828-5832.	2.5	36
40	High-resolution steady-state and time-resolved luminescence studies on the complexes of Eu(III) with aromatic or aliphatic carboxylic acids. Analytica Chimica Acta, 2009, 652, 285-294.	5.4	36
41	Effectiveness of Charged Noncovalent Polymer Coatings against Protein Adsorption to Silica Surfaces Studied by Evanescent-Wave Cavity Ring-Down Spectroscopy and Capillary Electrophoresis. Analytical Chemistry, 2009, 81, 10172-10178.	6.5	36
42	Structure, Conformations, and Repair of DNA Adducts from Dibenzo[a,l]pyrene:â€‰ ³²P-Postlabeling and Fluorescence Studies. Chemical Research in Toxicology, 1998, 11, 674-685.	3.3	35
43	Chemical Swarming: Depending on Concentration, an Amphiphilic Ruthenium Polypyridyl Complex Induces Cell Death via Two Different Mechanisms. Chemistry - A European Journal, 2016, 22, 10960-10968.	3.3	34
44	Natively fluorescent isoflavones exhibiting anomalous Stokesâ€™ shifts. Analytica Chimica Acta, 2002, 468, 3-11.	5.4	32
45	PAH biotransformation in terrestrial invertebratesâ€”a new phase II metabolite in isopods and springtails. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2004, 138, 129-137.	2.6	32
46	Natural and synthetic organic compounds in the environmentâ€”a symposium report. Environmental Toxicology and Pharmacology, 2001, 10, 65-80.	4.0	31
47	Time-resolved spatially offset Raman spectroscopy for depth analysis of diffusely scattering layers. Analyst, The, 2010, 135, 3255.	3.5	31
48	Noninvasive Detection of Concealed Explosives: Depth Profiling through Opaque Plastics by Time-Resolved Raman Spectroscopy. Analytical Chemistry, 2011, 83, 8517-8523.	6.5	31
49	Mode specific excited state dynamics study of bis(phenylethynyl)benzene from ultrafast Raman loss spectroscopy. Journal of Chemical Physics, 2017, 146, 064303.	3.0	31
50	Phosphorescence for Sensitive Enantioselective Detection in Chiral Capillary Electrophoresis. Analytical Chemistry, 2009, 81, 6226-6233.	6.5	29
51	Understanding Ultrafast Dynamics of Conformation Specific Photo-Excitation: A Femtosecond Transient Absorption and Ultrafast Raman Loss Study. Journal of Physical Chemistry A, 2017, 121, 6538-6546.	2.5	28
52	Substrates for the at-line coupling of capillary electrophoresis and surface-enhanced Raman spectroscopy. Analytica Chimica Acta, 2004, 508, 127-134.	5.4	27
53	The search for a unique Raman signature of amyloid-beta plaques in human brain tissue from Alzheimer's disease patients. Analyst, The, 2020, 145, 1724-1736.	3.5	27
54	Preparation, Isolation, and Characterization of Dibenzo[a,l]pyrene Diol Epoxideâ€”Deoxyribonucleoside Monophosphate Adducts by HPLC and Fluorescence Line-Narrowing Spectroscopy. Chemical Research in Toxicology, 1999, 12, 789-795.	3.3	26

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55	Surface-Enhanced Resonance Raman Spectroscopy as an Identification Tool in Column Liquid Chromatography. Analytical Chemistry, 2000, 72, 5718-5724.	6.5	25
56	Detection of Nonderivatized Peptides in Capillary Electrophoresis Using Quenched Phosphorescence. Analytical Chemistry, 2001, 73, 5026-5029.	6.5	25
57	Liquid-core waveguide technology for coupling column liquid chromatography and Raman spectroscopy. Journal of Chromatography A, 2001, 918, 25-36.	3.7	25
58	Direct Spectroscopic Evidence of 8- and 9-fold Coordinated Europium(III) Species in H₂O and D₂O. Journal of Physical Chemistry A, 2010, 114, 13050-13054.	2.5	24
59	Multimodal, label-free fluorescence and Raman imaging of amyloid deposits in snap-frozen Alzheimerâ€™s disease human brain tissue. Communications Biology, 2021, 4, 474.	4.4	24
60	Chemical derivatization and Shpol'skii spectrofluorometric determination of benzo[a]pyrene metabolites in fish bile. Analytical Chemistry, 1993, 65, 1100-1106.	6.5	23
61	Metabolism of 1-fluoropyrene and pyrene in marine flatfish and terrestrial isopods. Environmental Toxicology and Pharmacology, 2002, 12, 221-229.	4.0	23
62	Solvent influence on excited-state intramolecular proton transfer in 3-hydroxychromone derivatives studied by cryogenic high-resolution fluorescence spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2003, 59, 1593-1603.	3.9	23
63	Stimulated Raman scattering microscopy with long wavelengths for improved imaging depth. Journal of Raman Spectroscopy, 2019, 50, 1321-1328.	2.5	23
64	On-Line Identification Method in Column Liquid Chromatography:Â UV Resonance Raman Spectroscopy. Analytical Chemistry, 2001, 73, 4977-4982.	6.5	22
65	Leaching Studies of Inorganic and Organic Compounds from Fly Ash. International Journal of Environmental Analytical Chemistry, 2002, 82, 751-770.	3.3	22
66	Sensitized Enantioselective Laser-Induced Phosphorescence Detection in Chiral Capillary Electrophoresis. Analytical Chemistry, 2010, 82, 9410-9417.	6.5	22
67	Binding of naproxen enantiomers to human serum albumin studied by fluorescence and room-temperature phosphorescence. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 105, 67-73.	3.9	22
68	Time resolved Raman spectroscopy for depth analysis of multiâ€layered mineral samples. Journal of Raman Spectroscopy, 2013, 44, 1540-1547.	2.5	22
69	Direct Observation of Thermal Equilibrium of Excited Triplet States of 9,10-Phenanthrenequinone. A Time-Resolved Resonance Raman Study. Journal of Physical Chemistry A, 2015, 119, 10147-10157.	2.5	22
70	A retrospective analysis to explore the applicability of fish biomarkers and sediment bioassays along contaminated salinity transects. ICES Journal of Marine Science, 2009, 66, 2089-2105.	2.5	21
71	Sensitized phosphorescence as detection method for the enantioseparation of bupropion by capillary electrophoresis. Electrophoresis, 2010, 31, 3928-3936.	2.4	21
72	Continuous-flow protease assay based on fluorescence resonance energy transfer. Analytica Chimica Acta, 2003, 478, 1-10.	5.4	20

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73	Changed isoflavone Levels in Red Clover (Trifolium pratense L.) Leaves with Disturbed Root Nodulation in Response to Waterlogging. Journal of Chemical Ecology, 2005, 31, 1285-1298.	1.8	20
74	Enantioselective room temperature phosphorescence detection of non-phosphorescent analytes based on interaction with Î²-cyclodextrin/1-bromonaphthalene complexes. Talanta, 2005, 66, 634-640.	5.5	20
75	A Novel Method for the Isolation and Identification of Stable DNA Adducts Formed by Dibenzo[a,l]pyrene and Dibenzo[a,l]pyrene 11,12-Dihydrodiol 13,14-Epoxides in Vitro. Chemical Research in Toxicology, 1999, 12, 796-801.	3.3	19
76	Pyrene biotransformation products as biomarkers of polycyclic aromatic hydrocarbon exposure in terrestrial isopoda: Concentrationâ€response relationship, and field study in a contaminated forest. Environmental Toxicology and Chemistry, 2003, 22, 224-231.	4.3	19
77	Enantioselective detection of chiral phosphorescent analytes in cyclodextrin complexes. Talanta, 2005, 66, 641-645.	5.5	19
78	Strong Overtones and Combination Bands in Ultraviolet Resonance Raman Spectroscopy. Analytical Chemistry, 2006, 78, 3152-3157.	6.5	19
79	Experimentally validated Raman Monte Carlo simulation for a cuboid object to obtain Raman spectroscopic signatures for hidden material. Journal of Raman Spectroscopy, 2015, 46, 669-676.	2.5	18
80	Quenched Phosphorescence Detection in Cyclodextrin-Based Electrokinetic Chromatography. Analytical Chemistry, 2002, 74, 5139-5145.	6.5	17
81	Computational Study on the Anomalous Fluorescence Behavior of Isoflavones. Journal of Physical Chemistry A, 2011, 115, 1493-1499.	2.5	17
82	Hyphenation of column liquid chromatography and Raman spectroscopy via a liquid-core waveguide: chemometrical elimination of spectral eluent background. Analytica Chimica Acta, 2004, 519, 129-136.	5.4	16
83	Two fish bile reference materials certified for PAH metabolites. Journal of Environmental Monitoring, 2005, 7, 869.	2.1	16
84	Fluorescence line-narrowing spectroscopy for probing purposes in bioanalytical and environmental chemistry. TrAC - Trends in Analytical Chemistry, 2008, 27, 127-138.	11.4	16
85	Tissue phantoms to compare spatial and temporal offset modes of deep Raman spectroscopy. Analyst, The, 2015, 140, 2504-2512.	3.5	16
86	Pyrene biotransformation products as biomarkers of polycyclic aromatic hydrocarbon exposure in terrestrial Isopoda: concentration-response relationship, and field study in a contaminated forest. Environmental Toxicology and Chemistry, 2003, 22, 224-31.	4.3	16
87	Coupling of size-exclusion chromatography to a continuous assay for Subtilisin using a fluorescence resonance energy transfer peptide substrate: Testing of two standard inhibitors. Journal of Chromatography A, 2005, 1081, 140-144.	3.7	15
88	Complementary Fluorescence and Phosphorescence Study of the Interaction of Brompheniramine with Human Serum Albumin. Journal of Physical Chemistry B, 2012, 116, 7033-7039.	2.6	15
89	Conformational Studies of Stereoisomeric Tetrols Derived from syn- and anti-Dibenzo[a,l]pyrene Diol Epoxides. Chemical Research in Toxicology, 1997, 10, 677-686.	3.3	14
90	Quenched Phosphorescence as a Detection Method in Capillary Electrophoretic Chiral Separations. Monitoring the Stereoselective Biodegradation of Camphorquinone by Yeast. Analytical Chemistry, 2004, 76, 399-403.	6.5	14

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91	Raman spectroscopy for future planetary exploration: photodegradation, selfâ€absorption and quantification of carotenoids in microorganisms and mineral matrices. Journal of Raman Spectroscopy, 2015, 46, 856-862.	2.5	14
92	Identification of Multiple Waterâ€“Iodide Species in Concentrated NaI Solutions Based on the Raman Bending Vibration of Water. Journal of Physical Chemistry A, 2016, 120, 709-714.	2.5	14
93	At-line coupling of capillary electrophoresis and surface-enhanced resonance Raman spectroscopy. Journal of Separation Science, 2002, 25, 813-818.	2.5	13
94	Diterpenoic Acids Analysis Using a Coupled TLC-Surface-Enhanced Raman Spectroscopy System. Chromatographia, 2008, 67, 315-319.	1.3	13
95	Detection of biologically active diterpenoic acids by Raman Spectroscopy. Journal of Raman Spectroscopy, 2010, 41, 964-968.	2.5	13
96	Labelâ€free stimulated Raman scattering imaging reveals silicone breast implant material in tissue. Journal of Biophotonics, 2020, 13, e201960197.	2.3	13
97	Excited-State Double Proton Transfer in 1H-Pyrazolo[3,4-b]quinoline Dimers. Journal of Physical Chemistry A, 2009, 113, 5273-5279.	2.5	12
98	Quenched phosphorescence as alternative detection mode in the chiral separation of methotrexate by electrokinetic chromatography. Analytical and Bioanalytical Chemistry, 2011, 400, 2913-2919.	3.7	12
99	Capillary Electrophoresis Coupled On-Line with Ultraviolet Resonance Raman Spectroscopy. Analytical Chemistry, 2003, 75, 5697-5702.	6.5	11
100	Characterization of a liquid-core waveguide cell for studying the chemistry of light-induced degradation. Analyst, The, 2021, 146, 3197-3207.	3.5	11
101	RamanLIGHTâ€”a graphical user-friendly tool for pre-processing and unmixing hyperspectral Raman spectroscopy images. Journal of Optics (United Kingdom), 2022, 24, 064011.	2.2	11
102	A Flow Injection Kinase Assay System Based on Time-Resolved Fluorescence Resonance Energy-Transfer Detection in the Millisecond Range. Analytical Chemistry, 2004, 76, 4292-4298.	6.5	10
103	Liquid Core Waveguide Cell with In Situ Absorbance Spectroscopy and Coupled to Liquid Chromatography for Studying Light-Induced Degradation. Analytical Chemistry, 2022, 94, 7647-7654.	6.5	10
104	Probing the Interaction of Benzo[a]pyrene Adducts and Metabolites with Monoclonal Antibodies Using Fluorescence Line-Narrowing Spectroscopy. Analytical Chemistry, 2004, 76, 761-766.	6.5	9
105	Identification of Inorganic Pigments Used in Porcelain Cards Based on Fusing Raman and X-ray Fluorescence (XRF) Data. Applied Spectroscopy, 2011, 65, 1281-1290.	2.2	9
106	Stereoselective Binding of Flurbiprofen Enantiomers and their Methyl Esters to Human Serum Albumin Studied by Timeâ€Resolved Phosphorescence. Chirality, 2012, 24, 840-846.	2.6	9
107	Looking inside Catalyst Extrudates with Time-Resolved Surface-Enhanced Raman Spectroscopy (TR-SERS). Applied Spectroscopy, 2012, 66, 1179-1185.	2.2	8
108	Raman Spectroscopic Techniques for Planetary Exploration: Detecting Microorganisms through Minerals. Astrobiology, 2015, 15, 697-707.	3.0	8

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109	Decadal Trends in Polycyclic Aromatic Hydrocarbon (PAH) Contamination Assessed by 1-Hydroxypyrene in Fish Bile Fluid in the Netherlands: Declining in Marine Waters but Still a Concern in Estuaries. Frontiers in Marine Science, 2016, 3, .	2.5	8
110	The evaluation of timeâ€resolved Raman spectroscopy for the suppression of background fluorescence from spaceâ€relevant samples. Journal of Raman Spectroscopy, 2019, 50, 969-982.	2.5	8
111	Label-free Raman and fluorescence imaging of amyloid plaques in human Alzheimerâ€™s disease brain tissue reveal carotenoid accumulations. Journal of Optics (United Kingdom), 2022, 24, 054005.	2.2	8
112	Spectroscopic investigations of complexes between Eu(III) and aromatic carboxylic ligands. Journal of Alloys and Compounds, 2008, 451, 361-364.	5.5	7
113	Excited State Processes of 2-Butylamino-6-methyl-4-nitropyridine N-oxide in Nonpolar Solvents. A Transient Absorption Spectroscopy Study. Journal of Physical Chemistry A, 2010, 114, 4045-4050.	2.5	7
114	Triplet excited electronic state switching induced by hydrogen bonding: A transient absorption spectroscopy and time-dependent DFT study. Journal of Chemical Physics, 2016, 144, 114301.	3.0	7
115	Laser-induced quenched phosphorescence detection in capillary electrophoresis. Electrophoresis, 2003, 24, 1193-1199.	2.4	6
116	Stimulated Raman scattering simulation for imaging optimization. Journal of the European Optical Society-Rapid Publications, 2021, 17, .	1.9	6
117	The Chemical Interaction between the Estrogen Receptor and Monohydroxybenzo[a]pyrene Derivatives Studied by Fluorescence Line-Narrowing Spectroscopy. Chemical Research in Toxicology, 2005, 18, 1405-1412.	3.3	5
118	Cryogenic fluorescence and absorption spectroscopy studies on monomeric and dimeric species of 2-butylamino-6-methyl-4-nitropyridine N-oxide. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 72, 144-150.	3.9	5
119	PYRENE METABOLITES IN THE HEPATOPANCREAS AND GUT OF THE ISOPOD PORCELLIO SCABER, A NEW BIOMARKER FOR POLYCYCLIC AROMATIC HYDROCARBON EXPOSURE IN TERRESTRIAL ECOSYSTEMS. Environmental Toxicology and Chemistry, 1999, 18, 2217.	4.3	5
120	High-Resolution Fluorescence Studies on Excited-State Intra- and Intermolecular Proton Transfer. Reviews in Fluorescence, 2009, , 271-298.	0.5	4
121	In Situ Visualization and Quantification of Electrical Selfâ€Heating in Conjugated Polymer Diodes Using Raman Spectroscopy. Advanced Electronic Materials, 0, , 2101208.	5.1	3
122	On the potential of forward-scattering degenerate four-wave mixing detection in capillary electrophoresis. Analytica Chimica Acta, 2000, 416, 151-155.	5.4	2
123	Metal Binding by Humic Substances â€“ Characterization by High-Resolution Lanthanoide Ion Probe Spectroscopy (HR-LIPS). Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2009, 64, 242-250.	1.5	2
124	Time and Space resolved Methods: general discussion. Faraday Discussions, 2015, 177, 263-292.	3.2	1
125	PYRENE BIOTRANSFORMATION PRODUCTS AS BIOMARKERS OF POLYCYCLIC AROMATIC HYDROCARBON EXPOSURE IN TERRESTRIAL ISOPODA: CONCENTRATIONâ€“RESPONSE RELATIONSHIP, AND FIELD STUDY IN A CONTAMINATED FOREST. Environmental Toxicology and Chemistry, 2003, 22, 224.	4.3	1
126	Novel optical detection techniques in CE based on phosphorescence or chemiluminescence. Comprehensive Analytical Chemistry, 2005, 45, 375-411.	1.3	0

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127	No evidence for non-resonant optical frequency-induced effects on the intrinsic fluorescence of adenosine-5â€²-triphosphate and the kinetics of the firefly luciferinâ€“luciferase reaction. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 223, 88-96.	3.9	0
128	Using ferrule-top opto-mechanical probes as a new tool in VCSEL reliability experiments. Optics Express, 2015, 23, 30318.	3.4	0
129	Multimodal imaging of snap-frozen AD human brain tissue. , 2021, , .		0
130	Distinguishing bacteria from minerals in a layered sample using time-resolved Raman spectroscopy and global analysis. Journal of Optics (United Kingdom), 0, , .	2.2	0