

Freek Ariese

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

126 papers	5,243 citations	34 h-index	68 g-index
135 ext. papers	5,748 ext. citations	4.9 avg, IF	5.34 L-index

#	Paper	IF	Citations
126	Guidelines for terms related to chemical speciation and fractionation of elements. Definitions, structural aspects, and methodological approaches (IUPAC Recommendations 2000). <i>Pure and Applied Chemistry</i> , 2000 , 72, 1453-1470	2.1	676
125	Analytical separation and detection methods for flavonoids. <i>Journal of Chromatography A</i> , 2006 , 1112, 31-63	4.5	509
124	Review of multidimensional data processing approaches for Raman and infrared spectroscopy. <i>EPJ Techniques and Instrumentation</i> , 2015 , 2,	1.8	266
123	Screening for microplastics in sediment, water, marine invertebrates and fish: Method development and microplastic accumulation. <i>Marine Pollution Bulletin</i> , 2017 , 122, 403-408	6.7	258
122	Achievements in resonance Raman spectroscopy review of a technique with a distinct analytical chemistry potential. <i>Analytica Chimica Acta</i> , 2008 , 606, 119-34	6.6	200
121	Analytical methods for determining metabolites of polycyclic aromatic hydrocarbon (PAH) pollutants in fish bile: A review. <i>Environmental Toxicology and Pharmacology</i> , 2010 , 30, 224-44	5.8	192
120	Synchronous fluorescence spectrometry of fish bile: A rapid screening method for the biomonitoring of PAH exposure. <i>Aquatic Toxicology</i> , 1993 , 26, 273-286	5.1	170
119	Room temperature phosphorescence in the liquid state as a tool in analytical chemistry. <i>Analytica Chimica Acta</i> , 2003 , 488, 135-171	6.6	116
118	Expanded analysis of benzo[a]pyrene-DNA adducts formed in vitro and in mouse skin: their significance in tumor initiation. <i>Chemical Research in Toxicology</i> , 1996 , 9, 897-903	4	113
117	UV-B absorbance and UV-B absorbing compounds (para-coumaric acid) in pollen and sporopollenin: the perspective to track historic UV-B levels. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2001 , 62, 108-17	6.7	101
116	Liquid chromatography with atmospheric pressure chemical ionization and electrospray ionization mass spectrometry of flavonoids with triple-quadrupole and ion-trap instruments. <i>Journal of Chromatography A</i> , 2003 , 984, 45-58	4.5	95
115	Determination of isoflavone glucoside malonates in <i>Trifolium pratense</i> L. (red clover) extracts: quantification and stability studies. <i>Journal of Chromatography A</i> , 2001 , 932, 55-64	4.5	94
114	Proton Transfer in 3-Hydroxyflavone Studied by High-Resolution 10 K Laser-Excited Shpol'skii Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2002 , 106, 2844-2849	2.8	87
113	Raman and infra-red microspectroscopy: towards quantitative evaluation for clinical research by ratiometric analysis. <i>Chemical Society Reviews</i> , 2016 , 45, 1879-900	58.5	81
112	Organic contaminants and trace metals in flounder liver and sediment from the Amsterdam and Rotterdam harbours and off the Dutch coast. <i>Journal of Environmental Monitoring</i> , 2001 , 3, 386-93		64
111	Fast microplastics identification with stimulated Raman scattering microscopy. <i>Journal of Raman Spectroscopy</i> , 2018 , 49, 1136-1144	2.3	60
110	Bioaccumulation, biotransformation and DNA binding of pahs in feral eel (<i>Anguilla anguilla</i>) exposed to polluted sediments: A field survey. <i>Environmental Toxicology and Chemistry</i> , 1994 , 13, 859-870	2.8	60

109	Liquid chromatography coupled to nuclear magnetic resonance spectroscopy for the identification of isoflavone glucoside malonates in <i>T. pratense</i> L. leaves. <i>Journal of Separation Science</i> , 2004 , 27, 1061-70	3.4	59
108	Fluorescence rejection in resonance Raman spectroscopy using a picosecond-gated intensified charge-coupled device camera. <i>Applied Spectroscopy</i> , 2007 , 61, 571-8	3.1	56
107	Combined theoretical and experimental deep-UV resonance raman studies of substituted pyrenes. <i>Journal of Physical Chemistry A</i> , 2005 , 109, 2100-6	2.8	56
106	Excited State and Ground State Proton Transfer Rates of 3-Hydroxyflavone and Its Derivatives Studied by Shpol'skii Spectroscopy: The Influence of Redistribution of Electron Density <i>Journal of Physical Chemistry B</i> , 2004 , 108, 10589-10595	3.4	53
105	. <i>Environmental Toxicology and Chemistry</i> , 1994 , 13, 859	3.8	53
104	Conformational studies of the (+)-trans, (-)-trans, (+)-cis, and (-)-cis adducts of anti-benzo[a]pyrene diolepoxide to N2-dG in duplex oligonucleotides using polyacrylamide gel electrophoresis and low-temperature fluorescence spectroscopy. <i>Biophysical Chemistry</i> , 1995 , 56, 281-96	3.5	50
103	Determination of benzo[a]pyrene- and 7,12-dimethylbenz[a]anthracene-DNA adducts formed in rat mammary glands. <i>Chemical Research in Toxicology</i> , 1997 , 10, 941-7	4	44
102	Applicability of surface-enhanced resonance Raman scattering for the direct discrimination of ballpoint pen inks. <i>Analyst, The</i> , 2001 , 126, 1418-22	5	44
101	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. <i>Chemical Research in Toxicology</i> , 2005 , 18, 976-83	4	41
100	Flavonoids in Leguminosae: analysis of extracts of <i>T. pratense</i> L., <i>T. dubium</i> L., <i>T. repens</i> L., and <i>L. corniculatus</i> L. leaves using liquid chromatography with UV, mass spectrometric and fluorescence detection. <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 378, 995-1006	4.4	41
99	Fluorescence behavior of (selected) flavonols: a combined experimental and computational study. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 12572-81	3.6	39
98	Picosecond Raman spectroscopy with a fast intensified CCD camera for depth analysis of diffusely scattering media. <i>Analyst, The</i> , 2009 , 134, 1192-7	5	38
97	Dose- and time-dependent formation of biliary benzo[a]pyrene metabolites in the marine flatfish DAB (<i>Limanda limanda</i>). <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 1641-1647	3.8	38
96	Comparison of Laurentian Fulvic Acid luminescence with that of the hydroquinone/quinone model system: Evidence from low temperature fluorescence studies and EPR spectroscopy. <i>Aquatic Sciences</i> , 2004 , 66, 86-94	2.5	37
95	The application of HPLC-F and GC-MS to the analysis of selected hydroxy polycyclic hydrocarbons in two certified fish bile reference materials. <i>Journal of Environmental Monitoring</i> , 2003 , 5, 513-20		36
94	Pyrene metabolites in the hepatopancreas and gut of the isopod porcellio scaber, a new biomarker for polycyclic aromatic hydrocarbon exposure in terrestrial ecosystems. <i>Environmental Toxicology and Chemistry</i> , 1999 , 18, 2217-2224	3.8	36
93	High-resolution steady-state and time-resolved luminescence studies on the complexes of Eu(III) with aromatic or aliphatic carboxylic acids. <i>Analytica Chimica Acta</i> , 2009 , 652, 285-94	6.6	34
92	A new model for the inference of population characteristics from experimental data using uncertainties. Application to interlaboratory studies. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2000 , 53, 37-55	3.8	34

91	Structure, conformations, and repair of DNA adducts from dibenzo[a, l]pyrene: 32P-postlabeling and fluorescence studies. <i>Chemical Research in Toxicology</i> , 1998 , 11, 674-85	4	33
90	Simple, rapid, and sensitive liquid chromatography-fluorescence method for the quantification of tranexamic acid in blood. <i>Journal of Chromatography A</i> , 2007 , 1157, 142-50	4.5	32
89	Different Phases of Breast Cancer Cells: Raman Study of Immortalized, Transformed, and Invasive Cells. <i>Biosensors</i> , 2016 , 6,	5.9	32
88	Ascorbate protects neurons against oxidative stress: a Raman microspectroscopic study. <i>ACS Chemical Neuroscience</i> , 2015 , 6, 1794-801	5.7	30
87	Intramolecular proton-transfer processes starting at higher excited states: a fluorescence study on 2-butylamino-6-methyl-4-nitropyridine N-oxide in nonpolar solutions. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 5828-32	2.8	30
86	Natively fluorescent isoflavones exhibiting anomalous Stokes shifts. <i>Analytica Chimica Acta</i> , 2002 , 468, 3-11	6.6	30
85	Altered Adipogenesis in Zebrafish Larvae Following High Fat Diet and Chemical Exposure Is Visualised by Stimulated Raman Scattering Microscopy. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	29
84	Effectiveness of charged noncovalent polymer coatings against protein adsorption to silica surfaces studied by evanescent-wave cavity ring-down spectroscopy and capillary electrophoresis. <i>Analytical Chemistry</i> , 2009 , 81, 10172-8	7.8	29
83	Phosphorescence for sensitive enantioselective detection in chiral capillary electrophoresis. <i>Analytical Chemistry</i> , 2009 , 81, 6226-33	7.8	29
82	Mode specific excited state dynamics study of bis(phenylethynyl)benzene from ultrafast Raman loss spectroscopy. <i>Journal of Chemical Physics</i> , 2017 , 146, 064303	3.9	27
81	Time-resolved spatially offset Raman spectroscopy for depth analysis of diffusely scattering layers. <i>Analyst, The</i> , 2010 , 135, 3255-9	5	27
80	Chemical Swarming: Depending on Concentration, an Amphiphilic Ruthenium Polypyridyl Complex Induces Cell Death via Two Different Mechanisms. <i>Chemistry - A European Journal</i> , 2016 , 22, 10960-8	4.8	27
79	Preparation, isolation, and characterization of Dibenzo[a,l]pyrene diol epoxide-deoxyribonucleoside monophosphate adducts by HPLC and fluorescence line-narrowing spectroscopy. <i>Chemical Research in Toxicology</i> , 1999 , 12, 789-95	4	26
78	Noninvasive detection of concealed explosives: depth profiling through opaque plastics by time-resolved Raman spectroscopy. <i>Analytical Chemistry</i> , 2011 , 83, 8517-23	7.8	25
77	Substrates for the at-line coupling of capillary electrophoresis and surface-enhanced Raman spectroscopy. <i>Analytica Chimica Acta</i> , 2004 , 508, 127-134	6.6	25
76	Natural and synthetic organic compounds in the environment-a symposium report. <i>Environmental Toxicology and Pharmacology</i> , 2001 , 10, 65-80	5.8	24
75	PAH biotransformation in terrestrial invertebrates--a new phase II metabolite in isopods and springtails. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2004 , 138, 129-37	3.2	23
74	Detection of nonderivatized peptides in capillary electrophoresis using quenched phosphorescence. <i>Analytical Chemistry</i> , 2001 , 73, 5026-9	7.8	22

73	Sensitized enantioselective laser-induced phosphorescence detection in chiral capillary electrophoresis. <i>Analytical Chemistry</i> , 2010 , 82, 9410-7	7.8	21
72	Solvent influence on excited-state intramolecular proton transfer in 3-hydroxychromone derivatives studied by cryogenic high-resolution fluorescence spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003 , 59, 1593-603	4.4	21
71	Surface-enhanced resonance Raman spectroscopy as an identification tool in column liquid chromatography. <i>Analytical Chemistry</i> , 2000 , 72, 5718-24	7.8	21
70	Understanding Ultrafast Dynamics of Conformation Specific Photo-Excitation: A Femtosecond Transient Absorption and Ultrafast Raman Loss Study. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 6538-6546	2.8	20
69	Direct spectroscopic evidence of 8- and 9-fold coordinated europium(III) species in H(2)O and D(2)O. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 13050-4	2.8	20
68	Changed isoflavone levels in red clover (<i>Trifolium pratense</i> L.) leaves with disturbed root nodulation in response to waterlogging. <i>Journal of Chemical Ecology</i> , 2005 , 31, 1285-98	2.7	20
67	Chemical derivatization and Shpol'skii spectrofluorometric determination of benzo[a]pyrene metabolites in fish bile. <i>Analytical Chemistry</i> , 1993 , 65, 1100-1106	7.8	20
66	Binding of naproxen enantiomers to human serum albumin studied by fluorescence and room-temperature phosphorescence. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 105, 67-73	4.4	19
65	Sensitized phosphorescence as detection method for the enantioseparation of bupropion by capillary electrophoresis. <i>Electrophoresis</i> , 2010 , 31, 3928-36	3.6	19
64	Metabolism of 1-fluoropyrene and pyrene in marine flatfish and terrestrial isopods. <i>Environmental Toxicology and Pharmacology</i> , 2002 , 12, 221-9	5.8	19
63	A retrospective analysis to explore the applicability of fish biomarkers and sediment bioassays along contaminated salinity transects. <i>ICES Journal of Marine Science</i> , 2009 , 66, 2089-2105	2.7	18
62	Enantioselective room temperature phosphorescence detection of non-phosphorescent analytes based on interaction with beta-cyclodextrin/1-bromonaphthalene complexes. <i>Talanta</i> , 2005 , 66, 634-40	6.2	18
61	Liquid-core waveguide technology for coupling column liquid chromatography and Raman spectroscopy. <i>Journal of Chromatography A</i> , 2001 , 918, 25-36	4.5	18
60	Leaching Studies of Inorganic and Organic Compounds from Fly Ash. <i>International Journal of Environmental Analytical Chemistry</i> , 2002 , 82, 751-770	1.8	18
59	On-line identification method in column liquid chromatography: UV resonance Raman spectroscopy. <i>Analytical Chemistry</i> , 2001 , 73, 4977-82	7.8	18
58	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. <i>Chemical Research in Toxicology</i> , 1999 , 12, 796-801	4	18
57	Direct Observation of Thermal Equilibrium of Excited Triplet States of 9,10-Phenanthrenequinone. A Time-Resolved Resonance Raman Study. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 10147-57	2.8	17
56	Time resolved Raman spectroscopy for depth analysis of multi-layered mineral samples. <i>Journal of Raman Spectroscopy</i> , 2013 , 44, 1540-1547	2.3	17

55	Enantioselective detection of chiral phosphorescent analytes in cyclodextrin complexes. <i>Talanta</i> , 2005 , 66, 641-5	6.2	17
54	Pyrene biotransformation products as biomarkers of polycyclic aromatic hydrocarbon exposure in terrestrial isopoda: Concentration-response relationship, and field study in a contaminated forest. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 224-231	3.8	17
53	Quenched phosphorescence detection in cyclodextrin-based electrokinetic chromatography. <i>Analytical Chemistry</i> , 2002 , 74, 5139-45	7.8	17
52	Computational study on the anomalous fluorescence behavior of isoflavones. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 1493-9	2.8	16
51	Continuous-flow protease assay based on fluorescence resonance energy transfer. <i>Analytica Chimica Acta</i> , 2003 , 478, 1-10	6.6	16
50	Pyrene biotransformation products as biomarkers of polycyclic aromatic hydrocarbon exposure in terrestrial isopoda: concentration-response relationship, and field study in a contaminated forest. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 224-31	3.8	16
49	Fluorescence line-narrowing spectroscopy for probing purposes in bioanalytical and environmental chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2008 , 27, 127-138	14.6	15
48	Two fish bile reference materials certified for PAH metabolites. <i>Journal of Environmental Monitoring</i> , 2005 , 7, 869-76		15
47	Strong overtones and combination bands in ultraviolet resonance Raman spectroscopy. <i>Analytical Chemistry</i> , 2006 , 78, 3152-7	7.8	15
46	Experimentally validated Raman Monte Carlo simulation for a cuboid object to obtain Raman spectroscopic signatures for hidden material. <i>Journal of Raman Spectroscopy</i> , 2015 , 46, 669-676	2.3	14
45	Complementary fluorescence and phosphorescence study of the interaction of brompheniramine with human serum albumin. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 7033-9	3.4	14
44	Conformational studies of stereoisomeric tetrols derived from syn- and anti-dibenzo[a,l]pyrene diol epoxides. <i>Chemical Research in Toxicology</i> , 1997 , 10, 677-86	4	14
43	Tissue phantoms to compare spatial and temporal offset modes of deep Raman spectroscopy. <i>Analyst, The</i> , 2015 , 140, 2504-12	5	13
42	Coupling of size-exclusion chromatography to a continuous assay for subtilisin using a fluorescence resonance energy transfer peptide substrate: testing of two standard inhibitors. <i>Journal of Chromatography A</i> , 2005 , 1081, 140-4	4.5	13
41	The search for a unique Raman signature of amyloid-beta plaques in human brain tissue from Alzheimer's disease patients. <i>Analyst, The</i> , 2020 , 145, 1724-1736	5	13
40	Raman spectroscopy for future planetary exploration: photodegradation, self-absorption and quantification of carotenoids in microorganisms and mineral matrices. <i>Journal of Raman Spectroscopy</i> , 2015 , 46, 856-862	2.3	12
39	Identification of Multiple Water-Iodide Species in Concentrated NaI Solutions Based on the Raman Bending Vibration of Water. <i>Journal of Physical Chemistry A</i> , 2016 , 120, 709-14	2.8	12
38	Detection of biologically active diterpenoic acids by Raman Spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2010 , 41, 964-968	2.3	12

37	Hyphenation of column liquid chromatography and Raman spectroscopy via a liquid-core waveguide: chemometrical elimination of spectral eluent background. <i>Analytica Chimica Acta</i> , 2004 , 519, 129-136	6.6	12
36	Quenched phosphorescence as a detection method in capillary electrophoretic chiral separations. Monitoring the stereoselective biodegradation of camphorquinone by yeast. <i>Analytical Chemistry</i> , 2004 , 76, 399-403	7.8	12
35	At-line coupling of capillary electrophoresis and surface-enhanced resonance Raman spectroscopy. <i>Journal of Separation Science</i> , 2002 , 25, 813-818	3.4	12
34	Stimulated Raman scattering microscopy with long wavelengths for improved imaging depth. <i>Journal of Raman Spectroscopy</i> , 2019 , 50, 1321-1328	2.3	12
33	Quenched phosphorescence as alternative detection mode in the chiral separation of methotrexate by electrokinetic chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 2913-2914	4.4	11
32	Diterpenoic Acids Analysis Using a Coupled TLC-Surface-Enhanced Raman Spectroscopy System. <i>Chromatographia</i> , 2008 , 67, 315-319	2.1	11
31	Excited-state double proton transfer in 1H-pyrazolo[3,4-b]quinoline dimers. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 5273-9	2.8	10
30	Stereoselective binding of flurbiprofen enantiomers and their methyl esters to human serum albumin studied by time-resolved phosphorescence. <i>Chirality</i> , 2012 , 24, 840-6	2.1	9
29	A flow injection kinase assay system based on time-resolved fluorescence resonance energy-transfer detection in the millisecond range. <i>Analytical Chemistry</i> , 2004 , 76, 4292-8	7.8	9
28	Probing the interaction of benzo[a]pyrene adducts and metabolites with monoclonal antibodies using fluorescence line-narrowing spectroscopy. <i>Analytical Chemistry</i> , 2004 , 76, 761-6	7.8	9
27	Looking inside catalyst extrudates with time-resolved surface-enhanced Raman spectroscopy (TR-SERS). <i>Applied Spectroscopy</i> , 2012 , 66, 1179-85	3.1	8
26	Spectroscopic investigations of complexes between Eu(III) and aromatic carboxylic ligands. <i>Journal of Alloys and Compounds</i> , 2008 , 451, 361-364	5.7	7
25	Capillary electrophoresis coupled on-line with ultraviolet resonance Raman spectroscopy. <i>Analytical Chemistry</i> , 2003 , 75, 5697-702	7.8	7
24	Triplet excited electronic state switching induced by hydrogen bonding: A transient absorption spectroscopy and time-dependent DFT study. <i>Journal of Chemical Physics</i> , 2016 , 144, 114301	3.9	7
23	Raman Spectroscopic Techniques for Planetary Exploration: Detecting Microorganisms through Minerals. <i>Astrobiology</i> , 2015 , 15, 697-707	3.7	6
22	Identification of inorganic pigments used in porcelain cards based on fusing Raman and X-ray fluorescence (XRF) data. <i>Applied Spectroscopy</i> , 2011 , 65, 1281-90	3.1	6
21	Laser-induced quenched phosphorescence detection in capillary electrophoresis. <i>Electrophoresis</i> , 2003 , 24, 1193-9	3.6	6
20	Label-free stimulated Raman scattering imaging reveals silicone breast implant material in tissue. <i>Journal of Biophotonics</i> , 2020 , 13, e201960197	3.1	5

19	Excited state processes of 2-butylamino-6-methyl-4-nitropyridine N-oxide in nonpolar solvents. A transient absorption spectroscopy study. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 4045-50	2.8	5
18	Cryogenic fluorescence and absorption spectroscopy studies on monomeric and dimeric species of 2-butylamino-6-methyl-4-nitropyridine N-oxide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009 , 72, 144-50	4.4	5
17	Multimodal, label-free fluorescence and Raman imaging of amyloid deposits in snap-frozen Alzheimer's disease human brain tissue. <i>Communications Biology</i> , 2021 , 4, 474	6.7	5
16	The evaluation of time-resolved Raman spectroscopy for the suppression of background fluorescence from space-relevant samples. <i>Journal of Raman Spectroscopy</i> , 2019 , 50, 969-982	2.3	4
15	High-Resolution Fluorescence Studies on Excited-State Intra- and Intermolecular Proton Transfer. <i>Reviews in Fluorescence</i> , 2009 , 271-298	0	4
14	The chemical interaction between the estrogen receptor and monohydroxybenzo[a]pyrene derivatives studied by fluorescence line-narrowing spectroscopy. <i>Chemical Research in Toxicology</i> , 2005 , 18, 1405-12	4	4
13	. <i>Environmental Toxicology and Chemistry</i> , 1999 , 18, 2217	3.8	4
12	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. <i>Frontiers in Marine Science</i> , 2016 , 3,	4.5	4
11	Metal Binding by Humic Substances [Characterization by High-Resolution Lanthanoid Ion Probe Spectroscopy (HR-LIPS). <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2009 , 64, 242-250	1.4	2
10	On the potential of forward-scattering degenerate four-wave mixing detection in capillary electrophoresis. <i>Analytica Chimica Acta</i> , 2000 , 416, 151-155	6.6	2
9	Label-free Raman and fluorescence imaging of amyloid plaques in human Alzheimer's disease brain tissue reveal carotenoid accumulations. <i>Journal of Optics (United Kingdom)</i> , 2022 , 24, 054005	1.7	2
8	Time-Resolved Spectroscopy: Instrumentation and Applications 2017 , 1-55		1
7	Time and Space resolved Methods: general discussion. <i>Faraday Discussions</i> , 2015 , 177, 263-92	3.6	1
6	Stimulated Raman scattering simulation for imaging optimization. <i>Journal of the European Optical Society-Rapid Publications</i> , 2021 , 17,	2.5	1
5	Characterization of a liquid-core waveguide cell for studying the chemistry of light-induced degradation. <i>Analyst, The</i> , 2021 , 146, 3197-3207	5	1
4	In Situ Visualization and Quantification of Electrical Self-Heating in Conjugated Polymer Diodes Using Raman Spectroscopy. <i>Advanced Electronic Materials</i> , 2011 , 2101208	6.4	1
3	Using ferrule-top opto-mechanical probes as a new tool in VCSEL reliability experiments. <i>Optics Express</i> , 2015 , 23, 30318-28	3.3	
2	No evidence for non-resonant optical frequency-induced effects on the intrinsic fluorescence of adenosine-5'-triphosphate and the kinetics of the firefly luciferin/luciferase reaction. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011 , 223, 88-96	4.7	

- 1 Novel optical detection techniques in CE based on phosphorescence or chemiluminescence.
Comprehensive Analytical Chemistry, **2005**, 45, 375-411 1.9