Michael Schmitt

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2787183/publications.pdf

Version: 2024-02-01

271	10,071	41258	53109
papers	citations	49 h-index	85 g-index

275	275	275	10052
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of Decarboxylation on the Photoinitiation Behavior of Nitrocarbazole-Based Oxime Esters. Macromolecules, 2022, 55, 2475-2485.	2.2	31
2	Identification of inflammatory markers in eosinophilic cells of the immune system: fluorescence, Raman and CARS imaging can recognize markers but differently. Cellular and Molecular Life Sciences, 2022, 79, 1.	2.4	7
3	Simultaneous Infrared Spectroscopy, Raman Spectroscopy, and Luminescence Sensing: A Multispectroscopic Analytical Platform. ACS Measurement Science Au, 2022, 2, 157-166.	1.9	6
4	Ground and excited state dipole moments of 1-methylindole from thermochromic shifts in absorption and emission spectra. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 406, 112984.	2.0	9
5	Excited state structure of isolated 4-cyanoindole from a combined Franck-Condon and rotational constants analysisâ€. Journal of Molecular Structure, 2021, 1223, 129241.	1.8	5
6	FLIM data analysis based on Laguerre polynomial decomposition and machine-learning. Journal of Biomedical Optics, 2021, 26, .	1.4	3
7	In vivo coherent antiâ€Stokes Raman scattering microscopy reveals vitamin A distribution in the liver. Journal of Biophotonics, 2021, 14, e202100040.	1.1	3
8	Kinetic-Model-Free Analysis of Transient Absorption Spectra Enabled by 2D Correlation Analysis. Journal of Physical Chemistry Letters, 2021, 12, 4148-4153.	2.1	4
9	Structural changes upon electronic excitation in 1,3-dimethoxybenzene from Franck-Condon/rotational constants fits of the fluorescence emission spectraâ€. Journal of Molecular Structure, 2021, 1233, 130106.	1.8	0
10	Ultraâ€compact tunable fiber laser for coherent antiâ€Stokes Raman imaging. Journal of Raman Spectroscopy, 2021, 52, 1561-1568.	1.2	6
11	Excited state structure of isolated 2-cyanoindole and the binary 2-cyanoindole-(H2O)1 cluster from a combined Franck-Condon and rotational constants fit. Journal of Molecular Structure, 2021, 1233, 130055.	1.8	3
12	Probing Protein Secondary Structure Influence on Active Centers with Hetero Two-Dimensional Correlation (Resonance) Raman Spectroscopy: A Demonstration on Cytochrome C. Applied Spectroscopy, 2021, 75, 1043-1052.	1.2	4
13	Multimodal Scanning Microscope Combining Optical Coherence Tomography, Raman Spectroscopy and Fluorescence Lifetime Microscopy for Mesoscale Label-Free Imaging of Tissue. Analytical Chemistry, 2021, 93, 11479-11487.	3.2	5
14	A polyyne toxin produced by an antagonistic bacterium blinds and lyses a Chlamydomonad alga. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	19
15	In-depth characterization of self-healing polymers based on Ï€â€“Ï€ nteractions. Beilstein Journal of Organic Chemistry, 2021, 17, 2496-2504.	1.3	7
16	Excited state dipole moments and lifetimes of 2-cyanoindole from rotationally resolved electronic Stark spectroscopy. Physical Chemistry Chemical Physics, 2021, 23, 10196-10204.	1.3	5
17	Dual crosslinked metallopolymers using orthogonal metal complexes as rewritable shape-memory polymers. Journal of Materials Chemistry A, 2021, 9, 15051-15058.	5.2	9
18	Spatially Resolving the Enhancement Effect in Surface-Enhanced Coherent Anti-Stokes Raman Scattering by Plasmonic Doppler Gratings. ACS Nano, 2021, 15, 809-818.	7.3	11

#	Article	IF	Citations
19	Multimodal nonlinear endomicroscopic imaging probe using a double-core double-clad fiber and focus-combining micro-optical concept. Light: Science and Applications, 2021, 10, 207.	7.7	38
20	Novel Biobased Selfâ€Healing Ionomers Derived from Itaconic Acid Derivates. Macromolecular Rapid Communications, 2021, 42, 2000636.	2.0	6
21	Biochemical Characterization of Mouse Retina of an Alzheimerâ€™s Disease Model by Raman Spectroscopy. ACS Chemical Neuroscience, 2020, 11, 3301-3308.	1.7	15
22	Chemical Reaction of Carbon Dioxide with Bisepoxides for Synthesis of Organic Cyclic Dicarbonates at Ambient Pressure for Polyhydroxy Urethane Synthesis. Organic Process Research and Development, 2020, 24, 2521-2528.	1.3	7
23	Imaging the invisibleâ€”Bioorthogonal Raman probes for imaging of cells and tissues. Journal of Biophotonics, 2020, 13, e202000129.	1.1	32
24	Towards Visible LED Illumination: ZnOâ€ZnS Nanocomposite Particles. ChemistrySelect, 2020, 5, 985-987.	0.7	11
25	PC 2D-COS: A Principal Component Base Approach to Two-Dimensional Correlation Spectroscopy. Applied Spectroscopy, 2020, 74, 460-472.	1.2	8
26	Nonlinear Multimodal Imaging Characteristics of Early Septic Liver Injury in a Mouse Model of Peritonitis. Analytical Chemistry, 2019, 91, 11116-11121.	3.2	13
27	Multimodal Nonlinear Microscopy for Therapy Monitoring of Cold Atmospheric Plasma Treatment. Micromachines, 2019, 10, 564.	1.4	5
28	Structures, dipole moments and excited state lifetime of isolated 4-cyanoindole in its ground and lowest electronically excited singlet states. Physical Chemistry Chemical Physics, 2019, 21, 14766-14774.	1.3	22
29	Competition between folded and extended structures of alanylalanine (Ala-Ala) in a molecular beam. Physical Chemistry Chemical Physics, 2019, 21, 14126-14132.	1.3	7
30	Structural changes upon electronic excitation in 1,2-dimethoxybenzene from rotationally resolved electronic spectroscopy of various isotopologues. Journal of Molecular Structure, 2019, 1184, 139-145.	1.8	2
31	Shape-Memory Metallopolymer Networks Based on a Triazoleâ€“Pyridine Ligand. Polymers, 2019, 11, 1889.	2.0	7
32	CARS-imaging guidance for fs-laser ablation precision surgery. Analyst, The, 2019, 144, 7310-7317.	1.7	9
33	Automatic labelâ€free detection of breast cancer using nonlinear multimodal imaging and the convolutional neural network ResNet50. Translational Biophotonics, 2019, 1, e201900003.	1.4	26
34	Reduced graphene oxide biosensor platform for the detection of NT-proBNP biomarker in its clinical range. Biosensors and Bioelectronics, 2019, 126, 136-142.	5.3	43
35	Frontâ€Endâ€ofâ€Line Integration of Graphene Oxide for Grapheneâ€Based Electrical Platforms. Advanced Materials Technologies, 2018, 3, 1700318.	3.0	16
36	Investigation of Microalgal Carotenoid Content Using Coherent Antiâ€Stokes Raman Scattering (CARS) Microscopy and Spontaneous Raman Spectroscopy. ChemPhysChem, 2018, 19, 1048-1055.	1.0	9

#	Article	IF	Citations
37	Do You Get What You See? Understanding Molecular Selfâ€Healing. Chemistry - A European Journal, 2018, 24, 2493-2502.	1.7	18
38	Acetoxymethyl Concept for Intracellular Administration of Carbon Monoxide with Mn(CO)₃â€Based PhotoCORMs. Chemistry - A European Journal, 2018, 24, 3321-3329.	1.7	11
39	Trioctylphosphonium room temperature ionic liquids with perfluorinated groups â€“ Physical properties and surface behavior in comparison with the nonfluorinated analogues. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 537, 116-125.	2.3	11
40	Remendable polymers via reversible Dielsâ€“Alder cycloaddition of anthraceneâ€containing copolymers with fullerenes. Journal of Applied Polymer Science, 2018, 135, 45916.	1.3	15
41	Acridone derivatives as high performance visible light photoinitiators for cationic and radical photosensitive resins for 3D printing technology and for low migration photopolymer property. Polymer, 2018, 159, 47-58.	1.8	60
42	Performance analysis of the solidification of acrylic esters photo-initiated by systematically modified ZnO nanoparticles. Polymer, 2018, 158, 83-89.	1.8	12
43	Additional data for evaluation of the excited state dipole moments of anisole. Data in Brief, 2018, 21, 313-315.	0.5	1
44	Bulk Polymerization Photoâ€Initiator ZnO: Increasing of the Benzoyl Formic Acid Concentration and LED Illumination. Macromolecular Chemistry and Physics, 2018, 219, 1800208.	1.1	7
45	Rotationally resolved electronic spectroscopy of 3-cyanoindole and the 3-cyanoindoleâ€“water complex. Physical Chemistry Chemical Physics, 2018, 20, 23441-23452.	1.3	15
46	Novel applications of fluorescent brighteners in aqueous visible-light photopolymerization: high performance water-based coating and LED-assisted hydrogel synthesis. Polymer Chemistry, 2018, 9, 3952-3958.	1.9	12
47	Visible Light Chiral Photoinitiator for Radical Polymerization and Synthesis of Polymeric Films with Strong Chiroptical Activity. Macromolecules, 2018, 51, 5628-5637.	2.2	40
48	Silane Deposition via Gas-Phase Evaporation and High-Resolution Surface Characterization of the Ultrathin Siloxane Coatings. Langmuir, 2018, 34, 10217-10229.	1.6	42
49	3-Hydroxyflavone and N-Phenylglycine in High Performance Photoinitiating Systems for 3D Printing and Photocomposites Synthesis. Macromolecules, 2018, 51, 4633-4641.	2.2	85
50	Excitedâ€State Dipole Moments and Transition Dipole Orientations of Rotamers of 1,2â€, 1,3â€, and 1,4â€Dimethoxybenzene. ChemPhysChem, 2018, 19, 307-318.	1.0	9
51	ZnO Nanoparticle-based Photoinitiators. RSC Polymer Chemistry Series, 2018, , 337-357.	0.1	3
52	Synthesis and solution stability of water-soluble Îº²N,ÎºO-bis(3,5-dimethylpyrazolyl)ethanol manganese(<scp>i</scp>) tricarbonyl bromide (CORM-ONN1). Dalton Transactions, 2017, 46, 1684-1693.	1.6	18
53	Increased stability in selfâ€healing polymer networks based on reversible Michael addition reactions. Journal of Applied Polymer Science, 2017, 134, .	1.3	21
54	Modulation of the L_a/L_b Mixing in an Indole Derivative: A Position-Dependent Study Using 4-, 5-, and 6-Fluoroindole. Journal of Physical Chemistry A, 2017, 121, 1597-1606.	1.1	12

#	Article	IF	Citations
55	All-fiber optical parametric oscillator for bio-medical imaging applications. , 2017, , .		3
56	Realâ€time Raman and SRS imaging of living human macrophages reveals cellâ€toâ€cell heterogeneity and dynamics of lipid uptake. Journal of Biophotonics, 2017, 10, 1217-1226.	1.1	38
57	Polymeric Halogenâ€Bondâ€Based Donor Systems Showing Selfâ€Healing Behavior in Thin Films. Angewandte Chemie - International Edition, 2017, 56, 4047-4051.	7.2	79
58	Non-linear multimodal imaging for disease diagnostics and treatment monitoring. , 2017, , .		1
59	Self-healing Functional Polymers: Optical Property Recovery of Conjugated Polymer Films by Uncatalyzed Imine Metathesis. Macromolecules, 2017, 50, 3789-3795.	2.2	26
60	Influence of the position of the methoxy group on the stabilities of the syn and anti conformers of 4-, 5-, and 6-methoxyindole. Journal of Molecular Spectroscopy, 2017, 337, 137-144.	0.4	7
61	Franck Condon spectra of the 2-tolunitrile dimer and the binary 2-tolunitrile water cluster in the gas phase. Journal of Molecular Structure, 2017, 1143, 265-273.	1.8	5
62	On the physicochemical and surface properties of 1-alkyl 3-methylimidazolium bis(nonafluorobutylsulfonyl)imide ionic liquids. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 529, 169-177.	2.3	7
63	ZnO nanoparticles as polymerisation photo-initiator: Levulinic acid/NaOH content variation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 532, 189-194.	2.3	16
64	A Water-Soluble Mn(CO)3-Based and Non-Toxic PhotoCORM for Administration of Carbon Monoxide Inside of Cells. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 2057-2062.	0.6	10
65	Intrinsic self-healing polymers with a high E-modulus based on dynamic reversible urea bonds. NPG Asia Materials, 2017, 9, e420-e420.	3.8	97
66	Multiplex coherent anti-Stokes Raman scattering microspectroscopy of brain tissue with higher ranking data classification for biomedical imaging. Journal of Biomedical Optics, 2017, 22, 066005.	1.4	13
67	Rotationally resolved electronic spectroscopy study of the conformational space of 3-methoxyphenol. Journal of Molecular Structure, 2017, 1140, 59-66.	1.8	11
68	Labelâ€Free Molecular Imaging of Biological Cells and Tissues by Linear and Nonlinear Raman Spectroscopic Approaches. Angewandte Chemie - International Edition, 2017, 56, 4392-4430.	7.2	177
69	Endoscopic fiber probe for nonlinear spectroscopic imaging. Optica, 2017, 4, 496.	4.8	78
70	Dual-focus coherent anti-Stokes Raman scattering microscopy using a compact two-beam fiber laser source. Optics Letters, 2017, 42, 183.	1.7	4
71	Rotationally resolved electronic spectroscopy of the rotamers of 1,3-dimethoxybenzene. Physical Chemistry Chemical Physics, 2017, 19, 21364-21372.	1.3	9
72	Statistical Contact Angle Analyses with the High-Precision Drop Shape Analysis (HPDSA) Approach: Basic Principles and Applications. Coatings, 2016, 6, 57.	1.2	74

#	Article	IF	Citations
73	Light sheet Raman micro-spectroscopy. Optica, 2016, 3, 452.	4.8	45
74	On the Additivity of Molecular Fragment Dipole Moments of 5â€Substituted Indole Derivatives. ChemPhysChem, 2016, 17, 2736-2743.	1.0	16
75	Multimodal nonlinear microscopy of biopsy specimen: towards intraoperative diagnostics (Conference Presentation). , 2016, , .		0
76	Comparing Raman and fluorescence lifetime spectroscopy from human atherosclerotic lesions using a bimodal probe. Journal of Biophotonics, 2016, 9, 958-966.	1.1	18
77	Multimodal nonlinear microscopy of head and neck carcinoma â€" toward surgery assisting frozen section analysis. Head and Neck, 2016, 38, 1545-1552.	0.9	40
78	Electronic spectra of 2- and 3-tolunitrile in the gas phase. I. A study of methyl group internal rotation via rovibronically resolved spectroscopy. Journal of Chemical Physics, 2016, 144, 044303.	1.2	10
79	Electronic spectra of 2- and 3-tolunitrile in the gas phase. II. Geometry changes from Franck-Condon fits of fluorescence emission spectra. Journal of Chemical Physics, 2016, 144, 084304.	1.2	6
80	Beyond endoscopic assessment in inflammatory bowel disease: real-time histology of disease activity by non-linear multimodal imaging. Scientific Reports, 2016, 6, 29239.	1.6	46
81	Determination of ground and excited state dipole moments via electronic Stark spectroscopy: 5-methoxyindole. Journal of Chemical Physics, 2016, 144, 044201.	1.2	20
82	The conformational space of the neurotransmitter serotonin: how the rotation of a hydroxyl group changes all. Physical Chemistry Chemical Physics, 2016, 18, 13538-13545.	1.3	11
83	Selfâ€Healing Polymer Networks Based on Reversible Michael Addition Reactions. Macromolecular Chemistry and Physics, 2016, 217, 2541-2550.	1.1	45
84	Influence of different chemical surface patterns on the dynamic wetting behaviour on flat and silanized silicon wafers during inclining-plate measurements: An experimental investigation with the high-precision drop shape analysis approach. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 508, 274-285.	2.3	10
85	Systematic evaluation of the biological variance within the Raman based colorectal tissue diagnostics. Journal of Biophotonics, 2016, 9, 533-541.	1.1	19
86	Hepatic Vitamin A Content Investigation Using Coherent Antiâ€Stokes Raman Scattering Microscopy. ChemPhysChem, 2016, 17, 4043-4051.	1.0	8
87	Pseudo-HE images derived from CARS/TPEF/SHG multimodal imaging in combination with Raman-spectroscopy as a pathological screening tool. BMC Cancer, 2016, 16, 534.	1.1	66
88	Elucidation of the COâ€Release Kinetics of CORMâ€A1 by Means of Vibrational Spectroscopy. ChemPhysChem, 2016, 17, 985-993.	1.0	17
89	Influence of perfluoroalkyl-chains on the surface properties of 1-methylimidazolium bis(trifluoromethanesulfonyl)imide ionic liquids. Journal of Molecular Liquids, 2016, 216, 246-258.	2.3	18
90	Raman imaging of changes in the polysaccharides distribution in the cell wall during apple fruit development and senescence. Planta, 2016, 243, 935-945.	1.6	101

#	Article	IF	Citations
91	CORM-EDE1: A Highly Water-Soluble and Nontoxic Manganese-Based photoCORM with a Biogenic Ligand Sphere. Inorganic Chemistry, 2016, 55, 104-113.	1.9	39
92	Fiber probe for nonlinear imaging applications. Journal of Biophotonics, 2016, 9, 138-143.	1.1	23
93	Four-wave mixing based light sources for real-world biomedical applications of coherent Raman microscopy. Proceedings of SPIE, 2016, , .	0.8	2
94	Fiberâ€based light sources for biomedical applications of coherent antiâ€Stokes Raman scattering microscopy. Laser and Photonics Reviews, 2015, 9, 435-451.	4.4	61
95	Method to analyse energy and intensity dependent photo-curing of acrylic esters in bulk. RSC Advances, 2015, 5, 67284-67298.	1.7	18
96	A two-color fluorogenic carbene complex for tagging olefins via metathesis reaction. Methods and Applications in Fluorescence, 2015, 3, 044001.	1.1	13
97	Intramolecular structure and dynamics of mequinol and guaiacol in the gas phase: Rotationally resolved electronic spectra of their S1 states. Journal of Chemical Physics, 2015, 143, 094301.	1.2	13
98	Bessel beam CARS of axially structured samples. Scientific Reports, 2015, 5, 10991.	1.6	10
99	Novel workflow for combining Raman spectroscopy and MALDI-MSI for tissue based studies. Analytical and Bioanalytical Chemistry, 2015, 407, 7865-7873.	1.9	35
100	Carbon monoxide release properties and molecular structures of phenylthiolatomanganese(<scp>i</scp>) carbonyl complexes of the type [(OC)₄Mn(Î¼-S-aryl)]₂. Dalton Transactions, 2015, 44, 3020-3033.	1.6	18
101	Combined fiber probe for fluorescence lifetime and Raman spectroscopy. Analytical and Bioanalytical Chemistry, 2015, 407, 8291-8301.	1.9	47
102	Statistical contact angle analyses; â€œslow movingâ€•drops on a horizontal silicon-oxide surface. Journal of Colloid and Interface Science, 2015, 447, 248-253.	5.0	12
103	Multimodal Imaging Spectroscopy of Tissue. Annual Review of Analytical Chemistry, 2015, 8, 359-387.	2.8	55
104	Advantages and limitations of Raman spectroscopy for molecular diagnostics: an update. Expert Review of Molecular Diagnostics, 2015, 15, 773-787.	1.5	176
105	Vibrational phase imaging in wide-field CARS for nonresonant background suppression. Optics Express, 2015, 23, 10756.	1.7	9
106	High-precision drop shape analysis (HPDSA) of quasistatic contact angles on silanized silicon wafers with different surface topographies during inclining-plate measurements: Influence of the surface roughness on the contact line dynamics. Applied Surface Science, 2015, 342, 11-25.	3.1	31
107	Synthesis and testing of ZnO nanoparticles for photo-initiation: experimental observation of two different non-migration initiators for bulk polymerization. Nanoscale, 2015, 7, 9532-9544.	2.8	66
108	Four-wave-mixing-based optical parametric oscillator delivering energetic, tunable, chirped femtosecond pulses for non-linear biomedical applications. Optics Express, 2015, 23, 23968.	1.7	71

#	Article	IF	Citations
109	Fiber-based dual-focus time-demultiplexed second harmonic generation microscopy. Optics Letters, 2015, 40, 2505.	1.7	4
110	Bessel beam coherent anti-Stokes Raman scattering microscopy. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 1773.	0.9	10
111	Detailed statistical contact angle analyses; â€œslow movingâ€•drops on inclining silicon-oxide surfaces. Journal of Colloid and Interface Science, 2015, 447, 229-239.	5.0	30
112	Statistical contact angle analyses: â€˜slow movingâ€™ drops on inclining flat mono-aminopropylsiloxane surfaces. Journal of Adhesion Science and Technology, 2015, 29, 1796-1806.	1.4	13
113	Multimodal nonlinear imaging of atherosclerotic plaques differentiation of triglyceride and cholesterol deposits. Journal of Innovative Optical Health Sciences, 2014, 07, 1450027.	0.5	7
114	Modified bibenzimidazole ligands as spectator ligands in photoactive molecular functional Ru-polypyridine units? Implications from spectroscopy. Dalton Transactions, 2014, 43, 17659-17665.	1.6	6
115	Trapped in Imidazole: How to Accumulate Multiple Photoelectrons on a Blackâ€Absorbing Ruthenium Complex. Chemistry - A European Journal, 2014, 20, 3793-3799.	1.7	38
116	Experimental Investigation of Dynamic Contact Angles on Horizontal and Inclined Surfaces PartÂI: Flat Silicon Oxide Surfaces. Zeitschrift Fur Physikalische Chemie, 2014, 228, 11-25.	1.4	14
117	Experimental Investigation of Dynamic Contact Angles on Horizontal and Inclined Surfaces Part II: Rough Homogenous Surfaces. Zeitschrift Fur Physikalische Chemie, 2014, 228, 629-648.	1.4	12
118	Determination of the geometry change of 5-cyanoindole upon electronic excitation from a combined Franckâ€“Condon/rotational constants fit. Physical Chemistry Chemical Physics, 2014, 16, 899-905.	1.3	19
119	Analysis of silanes and of siloxanes formation by Raman spectroscopy. RSC Advances, 2014, 4, 1907-1917.	1.7	35
120	Monitoring the chemistry of self-healing by vibrational spectroscopy â€“ current state and perspectives. Materials Today, 2014, 17, 57-69.	8.3	57
121	Resonance-Raman spectro-electrochemistry of intermediates in molecular artificial photosynthesis of bimetallic complexes. Chemical Communications, 2014, 50, 5227.	2.2	48
122	About the possibility of calibrating optical detectors by solar radiation. RSC Advances, 2014, 4, 17639.	1.7	8
123	Statistical approach for contact angle determination on inclining surfaces: â€œslow-movingâ€•analyses of non-axisymmetric drops on a flat silanized silicon wafer. International Journal of Adhesion and Adhesives, 2014, 55, 123-131.	1.4	19
124	IR Spectroscopic Methods for the Investigation of the CO Release from CORMs. Journal of Physical Chemistry A, 2014, 118, 5381-5390.	1.1	42
125	Mesoporous silica particle embedded functional graphene oxide as an efficient platform for urea biosensing. Analytical Methods, 2014, 6, 6711-6720.	1.3	36
126	Determination of the geometry change of benzimidazole upon electronic excitation from a combined Franckâ€“Condon/rotational constants fit. Journal of Molecular Structure, 2014, 1072, 45-52.	1.8	4

#	Article	IF	Citations
127	Interpreting CARS images of tissue within the C-H-stretching region. , 2014, , .		0
128	Evidence for SERRS Enhancement in the Spectra of Ruthenium Dyeâ€“Metal Nanoparticle Conjugates. Journal of Physical Chemistry C, 2013, 117, 1121-1129.	1.5	13
129	High resolution spectroscopy of several rovibronically excited bands of 5-cyanoindole â€“ The effect of vibrational averaging. Journal of Molecular Structure, 2013, 1044, 21-25.	1.8	11
130	Expanding Multimodal Microscopy by High Spectral Resolution Coherent Anti-Stokes Raman Scattering Imaging for Clinical Disease Diagnostics. Analytical Chemistry, 2013, 85, 6703-6715.	3.2	55
131	A compact microscope setup for multimodal nonlinear imaging in clinics and its application to disease diagnostics. Analyst, The, 2013, 138, 4048.	1.7	44
132	Non-invasive depth profile imaging of the stratum corneum using confocal Raman microscopy: First insights into the method. European Journal of Pharmaceutical Sciences, 2013, 50, 601-608.	1.9	49
133	Introduction to analyzing the solidification of multifunctional acrylic esters by ESR. Analyst, The, 2013, 138, 3758.	1.7	13
134	Resonance Raman Spectral Imaging of Intracellular Uptake of Î²â€Carotene Loaded Poly(D,<scp>L</scp>â€lactideâ€coâ€glycolide) Nanoparticles. ChemPhysChem, 2013, 14, 155-161.	1.0	19
135	Raman Spectroscopic Imaging for the Realâ€Time Detection of Chemical Changes Associated with Docetaxel Exposure. ChemPhysChem, 2013, 14, 550-553.	1.0	17
136	Selfâ€Healing Polymer Coatings Based on Crosslinked Metallosupramolecular Copolymers. Advanced Materials, 2013, 25, 1634-1638.	11.1	319
137	Acetylation makes the difference: a joint experimental and theoretical study on low-lying electronically excited states of 9H-adenine and 9-acetyladenine. Physical Chemistry Chemical Physics, 2013, 15, 1025-1031.	1.3	6
138	High Resolution Electronic Spectroscopy of Vibrationally Hot Bands of Benzimidazole. Journal of Physical Chemistry A, 2013, 117, 12812-12820.	1.1	4
139	Redox State Sensitive Spectroscopy of the Model Compound [(H-dcbpy)₂Ru^{II}(NCS)₂]^{2â€“} (dcbpy =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf		1
140	Multimodal nonlinear microscopic investigations on head and neck squamous cell carcinoma: Toward intraoperative imaging. Head and Neck, 2013, 35, E280-7.	0.9	44
141	Position matters: High resolution spectroscopy of 6-methoxyindole. Journal of Chemical Physics, 2013, 138, 024321.	1.2	14
142	High-precision drop shape analysis on inclining flat surfaces: Introduction and comparison of this special method with commercial contact angle analysis. Journal of Chemical Physics, 2013, 139, 134201.	1.2	26
143	Accumulating advantages, reducing limitations: Multimodal nonlinear imaging in biomedical sciences â€“ The synergy of multiple contrast mechanisms. Journal of Biophotonics, 2013, 6, 887-904.	1.1	29
144	Response to the Comments by L. O. BjÃ¶rn on our Paper â€œCatalytic Efficiency of a Photoenzymeâ€”An Adaptation to Natural Light Conditionsâ€• ChemPhysChem, 2013, 14, 2598-2600.	1.0	0

#	Article	IF	Citations
145	Disruption-free imaging by Raman spectroscopy reveals a chemical sphere with antifouling metabolites around macroalgae. Biofouling, 2012, 28, 687-696.	0.8	39
146	Classification of inflammatory bowel diseases by means of Raman spectroscopic imaging of epithelium cells. Journal of Biomedical Optics, 2012, 17, 0760301.	1.4	68
147	The structure of 5-cyanoindole in the ground and the lowest electronically excited singlet states, deduced from rotationally resolved electronic spectroscopy and ab initio theory. Physical Chemistry Chemical Physics, 2012, 14, 10266.	1.3	34
148	Ruthenium dye functionalized gold nanoparticles and their spectral responses. RSC Advances, 2012, 2, 4463.	1.7	18
149	Ground and Electronically Excited Singlet State Structures of the syn and anti Rotamers of 5-Hydroxyindole. Journal of Physical Chemistry A, 2012, 116, 7873-7879.	1.1	21
150	Evaluation of Colloids and Activation Agents for Determination of Melamine Using UV-SERS. Journal of Physical Chemistry C, 2012, 116, 6083-6091.	1.5	34
151	ZnO Nanoparticle Induced Photoâ€Kolbe Reaction, Fragment Stabilization and Effect on Photopolymerization Monitored by Ramanâ€“UVâ€Vis Measurements. Macromolecular Chemistry and Physics, 2012, 213, 1953-1962.	1.1	33
152	Raman and coherent anti-Stokes Raman scattering microspectroscopy for biomedical applications. Journal of Biomedical Optics, 2012, 17, 040801.	1.4	137
153	Surface-enhanced Raman spectroscopy (SERS): progress and trends. Analytical and Bioanalytical Chemistry, 2012, 403, 27-54.	1.9	712
154	Lightâ€Induced Dynamics in Conjugated Bis(terpyridine) Ligands â€“ A Case Study Toward Photoactive Coordination Polymers. Macromolecular Rapid Communications, 2012, 33, 481-497.	2.0	29
155	Towards automated segmentation of cells and cell nuclei in nonlinear optical microscopy. Journal of Biophotonics, 2012, 5, 878-888.	1.1	27
156	Catalytic Efficiency of a Photoenzymeâ€”An Adaptation to Natural Light Conditions. ChemPhysChem, 2012, 13, 2013-2015.	1.0	22
157	Ground and Electronically Excited Singletâ€State Structures of 5â€Fluoroindole Deduced from Rotationally Resolved Electronic Spectroscopy and ab Initio Theory. ChemPhysChem, 2012, 13, 3134-3138.	1.0	11
158	Synthesis and photophysics of a novel photocatalyst for hydrogen production based on a tetrapyridoacridine bridging ligand. Chemical Physics, 2012, 393, 65-73.	0.9	27
159	How and Why Do Transition Dipole Moment Orientations Depend on Conformer Structure?. Journal of Physical Chemistry A, 2011, 115, 9612-9619.	1.1	18
160	Kinetics of bulk polymerisation and Gompertz's law. Physical Chemistry Chemical Physics, 2011, 13, 690-695.	1.3	33
161	Combination of Patch Clamp and Raman Spectroscopy for Single-Cell Analysis. Analytical Chemistry, 2011, 83, 344-350.	3.2	10
162	Protein-Induced Excited-State Dynamics of Protochlorophyllide. Journal of Physical Chemistry A, 2011, 115, 7873-7881.	1.1	17

#	Article	IF	Citations
163	Excited-state annihilation in a homodinuclear ruthenium complex. Chemical Communications, 2011, 47, 3820.	2.2	11
164	Excited-State Dynamics of Protochlorophyllide Revealed by Subpicosecond Infrared Spectroscopy. Biophysical Journal, 2011, 100, 260-267.	0.2	11
165	Droplet formation via flow-through microdevices in Raman and surface enhanced Raman spectroscopyâ€"concepts and applications. Lab on A Chip, 2011, 11, 3584.	3.1	66
166	Metal-Mediated Reaction Modeled on Nature: The Activation of Isothiocyanates Initiated by Zinc Thiolate Complexes. Inorganic Chemistry, 2011, 50, 3223-3233.	1.9	10
167	Checking and Improving Calibration of Raman Spectra using Chemometric Approaches. Zeitschrift Fur Physikalische Chemie, 2011, 225, 753-764.	1.4	68
168	Photo-Curing of off-set Printing Inks by Functionalized ZnO Nanoparticles. Zeitschrift Fur Physikalische Chemie, 2011, 225, 297-311.	1.4	23
169	Preface â€“ The Many Facets of Raman Spectroscopy. Zeitschrift Fur Physikalische Chemie, 2011, 225, 643-646.	1.4	0
170	Rotationally resolved electronic spectroscopy of biomolecules in the gas phase. Melatonin. Journal of Molecular Spectroscopy, 2011, 268, 115-122.	0.4	7
171	Wavelength-dependent photoproduct formation of phycocyanobilin in solution â€“ Indications for competing reaction pathways. Chemical Physics Letters, 2011, 515, 163-169.	1.2	3
172	The impact of bromine substitution on the photophysical properties of a homodinuclear Ruâ€"tpphzâ€"Ru complex. Chemical Physics Letters, 2011, 516, 45-50.	1.2	7
173	New Method for Realâ€time Monitoring of Photopolymerization by UVâ€"Vis Spectroscopy. Macromolecular Chemistry and Physics, 2011, 212, 1276-1283.	1.1	15
174	Rotationally Resolved Electronic Spectroscopy of 1,4â€Benzodioxan: The Anomeric Effect in the Ground and Electronically Excited State. ChemPhysChem, 2011, 12, 2035-2041.	1.0	2
175	Tuning of Photocatalytic Hydrogen Production and Photoinduced Intramolecular Electron Transfer Rates by Regioselective Bridging Ligand Substitution. ChemPhysChem, 2011, 12, 2101-2109.	1.0	93
176	Ramanâ€Spektroskopie. Biomedizinische Diagnostik. Chemie in Unserer Zeit, 2011, 45, 14-23.	0.1	2
177	Rotationally resolved electronic spectroscopy of 2,3-bridged indole derivatives: Tetrahydrocarbazole. Journal of Molecular Structure, 2011, 993, 2-8.	1.8	7
178	Probing the structure and Franckâ€"Condon region of protochlorophyllide a through analysis of the Raman and resonance Raman spectra. Journal of Raman Spectroscopy, 2010, 41, 414-423.	1.2	6
179	Dynamics of charge separation in the excited-state chemistry of protochlorophyllide. Chemical Physics Letters, 2010, 492, 157-163.	1.2	18
180	Investigation on the Second Part of the Electromagnetic SERS Enhancement and Resulting Fabrication Strategies of Anisotropic Plasmonic Arrays. ChemPhysChem, 2010, 11, 1918-1924.	1.0	24

#	Article	IF	Citations
181	Photochemical Fate: The First Step Determines Efficiency of H₂ Formation with a Supramolecular Photocatalyst. Angewandte Chemie - International Edition, 2010, 49, 3981-3984.	7.2	162
182	Quantitative mineral analysis using Raman spectroscopy and chemometric techniques. Journal of Raman Spectroscopy, 2010, 41, 684-689.	1.2	31
183	Investigation of substitution effects on novel Ruâ€“dppz complexes by Raman spectroscopy in combination with DFT methods. Journal of Raman Spectroscopy, 2010, 41, 922-932.	1.2	25
184	Rotationally resolved electronic spectroscopy of 5-methoxyindole. Journal of Chemical Physics, 2010, 133, 024303.	1.2	23
185	The switch that wouldn't switch â€“ unexpected luminescence from a ruthenium(ii)-dppz-complex in water. Dalton Transactions, 2010, 39, 2768.	1.6	39
186	Substitution-controlled ultrafast excited-state processes in Ruâ€“dppz-derivatives. Physical Chemistry Chemical Physics, 2010, 12, 1357-1368.	1.3	62
187	Models for the Active Site in [FeFe] Hydrogenase with Iron-Bound Ligands Derived from Bis-, Tris-, and Tetrakis(mercaptomethyl)silanes. Inorganic Chemistry, 2010, 49, 10117-10132.	1.9	70
188	A Concept to Tailor Electron Delocalization: Applying QTAIM Analysis to Phenylâ^'Terpyridine Compounds. Journal of Physical Chemistry A, 2010, 114, 13163-13174.	1.1	37
189	Derivation of Correlation Functions to Predict Bond Properties of Phenylâ^'CH Bonds Based on Vibrational and¹H NMR Spectroscopic Quantities. Journal of Physical Chemistry A, 2010, 114, 10287-10296.	1.1	19
190	Vibronic coupling in indole: I. Theoretical description of the 1Laâ€“1Lb interaction and the electronic spectrum. Physical Chemistry Chemical Physics, 2010, 12, 4968.	1.3	84
191	Synthesis and characterization of regioselective substituted tetrapyridophenazine ligands and their Ru(ii) complexes. Dalton Transactions, 2010, 39, 2359.	1.6	45
192	Vibronic coupling in indole: II. Investigation of the 1Laâ€“1Lb interaction using rotationally resolved electronic spectroscopy. Physical Chemistry Chemical Physics, 2010, 12, 4980.	1.3	65
193	PHYSICAL CHEMISTRY AND BIOPHYSICS OF SINGLE TRAPPED MICROPARTICLES. Advanced Series in Applied Physics, 2010, , 107-128.	0.0	2
194	The structure of phenol-Arnâ€^(n=1,2) clusters in their S and S1 states. Journal of Chemical Physics, 2009, 130, 224303.	1.2	38
195	Photophysics of an Intramolecular Hydrogenâ€Evolving Ruâ€“Pd Photocatalyst. Chemistry - A European Journal, 2009, 15, 7678-7688.	1.7	132
196	Protochlorophyllide a: A Comprehensive Photophysical Picture. ChemPhysChem, 2009, 10, 144-150.	1.0	51
197	Synthesis, Characterization, and Electroâ€Optical Properties of Zn^{II}Complexes with Ï€â€Conjugated Terpyridine Ligands. ChemPhysChem, 2009, 10, 787-798.	1.0	49
198	Spectroscopic Investigation of the Ultrafast Photoinduced Dynamics in Ï€â€Conjugated Terpyridines. ChemPhysChem, 2009, 10, 910-919.	1.0	68

#	Article	IF	Citations
199	Resonance Raman Studies of Bis(terpyridine)ruthenium(II) Amino Acid Esters and Diesters. European Journal of Inorganic Chemistry, 2009, 2009, 3119-3126.	1.0	32
200	Synthesis and Photophysical Properties of 3,8â€Disubstituted 1,10â€Phenanthrolines and Their Ruthenium(II) Complexes. European Journal of Inorganic Chemistry, 2009, 2009, 4962-4971.	1.0	32
201	A comparative Raman and CARS imaging study of colon tissue. Journal of Biophotonics, 2009, 2, 303-312.	1.1	110
202	Different contrast information obtained from CARS and nonresonant FWM images. Journal of Raman Spectroscopy, 2009, 40, 941-947.	1.2	49
203	Analysis of the FTIR spectrum of pyrazine using evolutionary algorithms. Journal of Molecular Spectroscopy, 2009, 257, 74-81.	0.4	12
204	High-Resolution and Dispersed Fluorescence Examination of Vibronic Bands of Tryptamine: Spectroscopic Signatures for L_a/L_b Mixing near a Conical Intersection. Journal of Physical Chemistry A, 2009, 113, 2456-2466.	1.1	28
205	Conformational Relaxation Paths in Tryptamine. Journal of Physical Chemistry A, 2009, 113, 448-455.	1.1	14
206	Prediction of Electron Densities, the Respective Laplacians, and Ellipticities in Bond-Critical Points of Phenylâ^'CHâ^'Bonds via Linear Relations to Parameters of Inherently Localized CD Stretching Vibrations and¹H NMR-Shifts. Journal of Physical Chemistry A, 2009, 113, 3210-3222.	1.1	25
207	Ruthenium polypyridine complexes of tris-(2-pyridyl)-1,3,5-triazineâ€"unusual building blocks for the synthesis of photochemical molecular devices. Dalton Transactions, 2009, , 4012.	1.6	35
208	The conformational landscape of 5-methoxytryptamine studied by rotationally resolved fluorescence spectroscopy and resonant ionization spectroscopy. Physical Chemistry Chemical Physics, 2009, 11, 2433.	1.3	9
209	Structure and internal rotation in the S0 and S1 states of o-toluidine studied by high resolution UV spectroscopy. Physical Chemistry Chemical Physics, 2009, 11, 4311.	1.3	5
210	Resonance Raman studies of photochemical molecular devices for multielectron storage. Journal of Raman Spectroscopy, 2008, 39, 557-559.	1.2	35
211	Tunneling Splittings in the S₀ and S₁ States of the Benzoic Acid Dimer Determined by Highâ€Resolution UV Spectroscopy. ChemPhysChem, 2008, 9, 1788-1797.	1.0	44
212	Synthesis and Characterisation of Poly(bipyridine)ruthenium Complexes as Building Blocks for Heterosupramolecular Arrays. European Journal of Inorganic Chemistry, 2008, 2008, 3310-3319.	1.0	61
213	Spectroscopy of the transition of formaldehyde in the 30140â€“30790cmâ^'1 range: The and rovibrational bands. Journal of Molecular Spectroscopy, 2008, 252, 25-30.	0.4	9
214	Three-Dimensional Molecular Mapping of a Multiple Emulsion by Means of CARS Microscopy. Journal of Physical Chemistry B, 2008, 112, 1420-1426.	1.2	59
215	Electronically excited states of water clusters of 7-azaindole: Structures, relative energies, and electronic nature of the excited states. Journal of Chemical Physics, 2008, 128, 214310.	1.2	18
216	Zinc(II) Bisterpyridine Complexes: The Influence of the Cation on the Ï€-Conjugation between Terpyridine and the Lateral Phenyl Substituent. Journal of Physical Chemistry C, 2008, 112, 18651-18660.	1.5	39

#	Article	IF	Citations
217	Rotationally resolved electronic spectroscopy of water clusters of 7-azaindole. Journal of Chemical Physics, 2008, 128, 214311.	1.2	15
218	Experimental Observation of Different-Order Components of a Vibrational Wave Packet in a Bulk Dielectric Using High-Order Raman Scattering. Physical Review Letters, 2007, 98, 187402.	2.9	3
219	UV Raman ImagingA Promising Tool for Astrobiology:Â Comparative Raman Studies with Different Excitation Wavelengths on SNC Martian Meteorites. Analytical Chemistry, 2007, 79, 1101-1108.	3.2	50
220	Structural Analysis of the Anti-Malaria Active Agent Chloroquine under Physiological Conditions. Journal of Physical Chemistry B, 2007, 111, 1815-1822.	1.2	46
221	Ultrasensitivein situTracing of the Alkaloid Dioncophylline A in the Tropical LianaTriphyophyllum peltatumby Applying Deep-UV Resonance Raman Microscopy. Analytical Chemistry, 2007, 79, 986-993.	3.2	46
222	Device for Raman Difference Spectroscopy. Analytical Chemistry, 2007, 79, 6159-6166.	3.2	41
223	The First Photoexcitation Step of Ruthenium-Based Models for Artificial Photosynthesis Highlighted by Resonance Raman Spectroscopy. Journal of Physical Chemistry B, 2007, 111, 6078-6087.	1.2	57
224	In situUV Resonance Raman Micro-spectroscopic Localization of the Antimalarial Quinine in Cinchona Bark. Journal of Physical Chemistry B, 2007, 111, 4171-4177.	1.2	50
225	Improved Determination of Structural Changes of 2-Pyridone-(H2O)1upon Electronic Excitation. Journal of Physical Chemistry A, 2007, 111, 3287-3293.	1.1	13
226	Towards a Detailed Understanding of Bacterial Metabolismâ€"Spectroscopic Characterization ofStaphylococcus Epidermidis. ChemPhysChem, 2007, 8, 124-137.	1.0	201
227	Determination of the Geometry Change of the Phenol Dimer upon Electronic Excitation. ChemPhysChem, 2007, 8, 1394-1401.	1.0	19
228	Deepâ€UV surfaceâ€enhanced Raman scattering. Journal of Raman Spectroscopy, 2007, 38, 1379-1382.	1.2	122
229	UV Raman spectroscopyâ€"A technique for biological and mineralogical in situ planetary studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 68, 1029-1035.	2.0	70
230	Functionalized polymer colloids bearing primary amino groups. Journal of Colloid and Interface Science, 2007, 311, 425-429.	5.0	7
231	Raman spectroscopic investigation of the antimalarial agent mefloquine. Analytical and Bioanalytical Chemistry, 2007, 387, 1749-1757.	1.9	41
232	Application of genetic algorithms in automated assignments of high-resolution spectra. International Reviews in Physical Chemistry, 2006, 25, 353-406.	0.9	102
233	Derivatives of dipyrido[3,2-a:2â€²,3â€²-c]phenazine and its ruthenium complexes, influence of arylic substitution on photophysical properties. Dalton Transactions, 2006, , 2225-2231.	1.6	39
234	Dependence of Brownian Relaxation on the Volume Fraction and an External Field. Zeitschrift Fur Physikalische Chemie, 2006, 220, 69-77.	1.4	6

#	Article	IF	Citations
235	Electronic excitation in the benzonitrile dimer: The intermolecular structure in the S0 and S1 state determined by rotationally resolved electronic spectroscopy. Journal of Molecular Structure, 2006, 795, 234-241.	1.8	21
236	The structure of p-chlorophenol and barrier to internal OH rotation in the S1-state. Journal of Molecular Structure, 2006, 800, 55-61.	1.8	11
237	Observation of Ultraviolet Rotational Band Contours of the DNA Base Adenine:â€‰ Determination of the Transition Moment. Journal of Physical Chemistry A, 2006, 110, 11819-11823.	1.1	34
238	Ultrafast Excited-State Excitation Dynamics in a Quasi-Two-Dimensional Light-Harvesting Antenna Based on Ruthenium(II) and Palladium(II) Chromophores. Chemistry - A European Journal, 2006, 12, 5105-5115.	1.7	57
239	In vivo localization and identification of the antiplasmodial alkaloid dioncophylline A in the tropical lianaTriphyophyllum peltatum by a combination of fluorescence, near infrared Fourier transform Raman microscopy, and density functional theory calculations. Biopolymers, 2006, 82, 295-300.	1.2	45
240	Zinc Thiolate Complexes [ZnLn(SR)]+ with Azamacrocyclic Ligands, Part II: Mechanism of the Reaction with CS2. European Journal of Inorganic Chemistry, 2006, 2006, 2783-2791.	1.0	8
241	Probing the Acidity ofp-Substituted Phenols in the Excited State: Electronic Spectroscopy of thep-Cyanophenol-Water Cluster. ChemPhysChem, 2006, 7, 448-454.	1.0	10
242	Determining the Intermolecular Structure in the S0 and S1 States of the Phenol Dimer by Rotationally Resolved Electronic Spectroscopy. ChemPhysChem, 2006, 7, 1241-1249.	1.0	36
243	The Excited-State Chemistry of Protochlorophyllide a: A Time-Resolved Fluorescence Study. ChemPhysChem, 2006, 7, 1727-1733.	1.0	27
244	On the Way to Nanometer-Sized Information of the Bacterial Surface by Tip-Enhanced Raman Spectroscopy. ChemPhysChem, 2006, 7, 1428-1430.	1.0	174
245	Introduction of a high-pressure cell for use with Raman microscopy. Journal of Raman Spectroscopy, 2006, 37, 442-446.	1.2	4
246	Electronically excited states of tryptamine and its microhydrated complex. Journal of Chemical Physics, 2006, 125, 124309.	1.2	27
247	Low frequency backbone vibrations of individual conformational isomers: Tryptamine. Journal of Chemical Physics, 2006, 125, 144303.	1.2	17
248	Structure and barrier to internal rotation of 4-methylstyrene in the S0- and S1-state. Journal of Molecular Structure, 2005, 742, 123-130.	1.8	8
249	Structure Determination of Resorcinol Rotamers by High-Resolution UV Spectroscopy. ChemPhysChem, 2005, 6, 2129-2136.	1.0	18
250	Raman spectroscopic identification of single yeast cells. Journal of Raman Spectroscopy, 2005, 36, 377-379.	1.2	100
251	The structure of 4-methylphenol and its water cluster revealed by rotationally resolved UV spectroscopy using a genetic algorithm approach. Journal of Chemical Physics, 2005, 123, 044304.	1.2	25
252	Determination of the excited-state structure of 7-azaindole-water cluster using a Franck-Condon analysis. Journal of Chemical Physics, 2005, 123, 224311.	1.2	22

#	Article	IF	Citations
253	Chemotaxonomic Identification of Single Bacteria by Micro-Raman Spectroscopy: Application to Clean-Room-Relevant Biological Contaminations. Applied and Environmental Microbiology, 2005, 71, 1626-1637.	1.4	267
254	Structural Selection by Microsolvation:Â Conformational Locking of Tryptamine. Journal of the American Chemical Society, 2005, 127, 10356-10364.	6.6	82
255	Tuning the relaxation behaviour by changing the content of cobalt in CoxFe3â˜'xO4ferrofluids. Journal of Physics Condensed Matter, 2005, 17, 7875-7883.	0.7	13
256	New applications of the genetic algorithm for the interpretation of high-resolution spectra. Canadian Journal of Chemistry, 2004, 82, 804-819.	0.6	81
257	The structure of the phenol-nitrogen cluster:â€,A joint experimental andab initiostudy. Journal of Chemical Physics, 2004, 120, 2752-2758.	1.2	28
258	Determination of the structure of 7-azaindole in the electronic ground and excited state using high-resolution ultraviolet spectroscopy and an automated assignment based on a genetic algorithm. Molecular Physics, 2004, 102, 1605-1614.	0.8	32
259	The Excited-State Dynamics of Phycocyanobilin in Dependence on the Excitation Wavelength. ChemPhysChem, 2004, 5, 1171-1177.	1.0	19
260	Torsional Barriers in Aromatic Molecular Clusters as Probe of the Electronic Properties of the Chromophore. ChemPhysChem, 2004, 5, 1686-1694.	1.0	11
261	Conformation and Hydrogen Bonding Properties of an Aziridinyl Peptide:Â X-ray Structure Analysis, Raman Spectroscopy and Theoretical Investigations. Journal of Physical Chemistry A, 2004, 108, 11398-11408.	1.1	12
262	Determination of the excited state structure of 7-azaindole using a Franck-Condon analysis. Molecular Physics, 2004, 102, 1615-1623.	0.8	30
263	How Delocalized Is N,N,Nâ€˜,Nâ€˜-Tetraphenylphenylenediamine Radical Cation? An Experimental and Theoretical Study on the Electronic and Molecular Structure. Journal of the American Chemical Society, 2004, 126, 7834-7845.	6.6	156
264	Mechanism and Dynamics of Azobenzene Photoisomerization. Journal of the American Chemical Society, 2003, 125, 8098-8099.	6.6	296
265	Raman Spectroscopy-A Prospective Tool in the Life Sciences. ChemPhysChem, 2003, 4, 14-30.	1.0	302
266	Characterization of Diffusion Processes of Pharmacologically Relevant Molecules through Polydimethylsiloxane Membranes by Confocal Micro-resonance Raman Spectroscopy. ChemPhysChem, 2003, 4, 296-299.	1.0	18
267	Synthesis and characterization of manganese-doped CdS nanoparticles. Physical Chemistry Chemical Physics, 2003, 5, 1639-1643.	1.3	43
268	Structure of 4-fluorophenol and barrier to internal â€“OH rotation in the S1-state. Physical Chemistry Chemical Physics, 2003, 5, 812-819.	1.3	21
269	Population Dynamics in Vibrational Modes during Non-Bornâ˜'Oppenheimer Processes:â€‰ CARS Spectroscopy Used as a Mode-Selective Filter. Journal of the American Chemical Society, 2002, 124, 6242-6243.	6.6	29
270	The rotationally resolved electronic spectrum of p-cyanophenol. Physical Chemistry Chemical Physics, 2002, 4, 4634-4639.	1.3	18

#	Article	IF	Citations
271	Femtosecond time-resolved spectroscopy of elementary molecular dynamics. Die Naturwissenschaften, 2002, 89, 250-258.	0.6	20