Hiromi Okamoto

List of Publications by Year
in descending order

137	4,023	101384	133063
papers	citations	36 h-index	59 g-index

141	141	141	3217
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multidimensional nanoscopic chiroptics. Nature Reviews Physics, 2022, 4, 113-124.	11.9	87
2	Optical manipulation with nanoscale chiral fields and related photochemical phenomena. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2022, 52, 100531.	5.6	6
3	Chiral Bioinspired Plasmonics: A Paradigm Shift for Optical Activity and Photochemistry. ACS Photonics, 2022, 9, 2219-2236.	3.2	26
4	Conventional and Unconventional View of Chiro-Optical Effects (Optical Activity). Molecular Science, 2021, 15, A0119.	0.2	0
5	Linear Momentum of a Microfluid Realizes an Anisotropic Reaction at the Ends of a Supramolecular Nanofiber. Bulletin of the Chemical Society of Japan, 2021, 94, 579-589.	2.0	7
6	Directional Supramolecular Polymerization in a Dynamic Microsolution: A Linearly Moving Polymerâ€™s End Striking Monomers. Journal of the American Chemical Society, 2021, 143, 8731-8746.	6.6	11
7	Chemical and Mechanical Dissymmetries in Chiral Plasmonic Interactions. , 2021, , .		0
8	Supramolecular Chirality Synchronization in Thin Films of Plasmonic Nanocomposites. ACS Nano, 2020, 14, 12918-12928.	7.3	43
9	Optical gradient force on Chiral nanoparticles. , 2020, , .		0
10	Circularly polarized two-photon-induced luminescence from plasmonic two-dimensional chiral Au nanostructures. Journal of Physics: Conference Series, 2019, 1220, 012004.	0.3	3
11	Spectral properties of chiral electromagnetic near fields created by chiral plasmonic nanostructures. Journal of Physics: Conference Series, 2019, 1220, 012050.	0.3	0
12	Active Control of Chiral Optical near Fields on a Single Metal Nanorod. ACS Photonics, 2019, 6, 677-683.	3.2	16
13	Roles of Superchirality and Interference in Chiral Plasmonic Biodetection. Journal of Physical Chemistry C, 2019, 123, 15195-15203.	1.5	32
14	Synthesis of Chiral Labtb and Visualization of Its Enantiomeric Excess by Induced Circular Dichroism Imaging. Chemistry - A European Journal, 2019, 25, 6698-6702.	1.7	18
15	Circular Dichroism Spectroscopic Imaging for Chiral Materials. Seibutsu Butsuri, 2019, 59, 035-038.	0.0	0
16	Local optical activity of nano- to microscale materials and plasmons. Journal of Materials Chemistry C, 2019, 7, 14771-14787.	2.7	27
17	Imaging Chirality of Optical Fields near Achiral Metal Nanostructures Excited with Linearly Polarized Light. ACS Photonics, 2018, 5, 1486-1492.	3.2	43
18	Super-Resolution Trapping: A Nanoparticle Manipulation Using Nonlinear Optical Response. ACS Photonics, 2018, 5, 318-323.	3.2	20

#	Article	IF	Citations
19	Circularly Polarized Photoluminescence from Achiral Dye Molecules Induced by Plasmonic Two-Dimensional Chiral Nanostructures. Journal of Physical Chemistry C, 2018, 122, 24924-24932.	1.5	35
20	Nanoscale chiral surface relief of azo-polymers with nearfield OAM light. Optics Express, 2018, 26, 22197.	1.7	28
21	Circular Dichroism Microscopy to Explore Local Chiroptical Properties. , 2018, , .		0
22	Circular polarization dissymmetry of two-photon-induced photoluminescence from chiral plasmonic nanostructured metasurfaces. , 2018, , .		0
23	Active polarization control of optical fields localized on gold nano-rectangles. , 2018, , .		0
24	Interstitial-Dependent Enhanced Photoluminescence: A Near-Field Microscopy on Single Spheroid to Dimer, Tetramer, and Few Particles Gold Nanoassembly. Journal of Physical Chemistry C, 2017, 121, 2344-2354.	1.5	10
25	Generation of chiral optical near-fields with non-chiral metallic nanostructures and linearly polarized light. , 2017, , .		0
26	Near-field spectroscopic properties of complementary gold nanostructures: applicability of Babinetâ€™s principle in the optical region. Optics Express, 2017, 25, 5279.	1.7	8
27	Optical Activity Governed by Local Chiral Structures in Twoâ€Dimensional Curved Metallic Nanostructures. Chirality, 2016, 28, 540-544.	1.3	5
28	Near-Field Nonlinear CD Imaging of Single Gold Nanostructures. Journal of Physical Chemistry C, 2016, 120, 28157-28162.	1.5	11
29	Circular Dichroism Microscopy Free from Commingling Linear Dichroism via Discretely Modulated Circular Polarization. Scientific Reports, 2016, 6, 35731.	1.6	55
30	Local optical responses of plasmon resonances visualised by near-field optical imaging. Physical Chemistry Chemical Physics, 2015, 17, 6192-6206.	1.3	20
31	A Topography-Metrology Correlation in Nanoscale Probed by Near-Field Scanning Optical Microscopy. Plasmonics, 2015, 10, 447-454.	1.8	9
32	Plasmon Dephasing in Single Gold Nanorods Observed By Ultrafast Time-Resolved Near-Field Optical Microscopy. Journal of Physical Chemistry C, 2015, 119, 16215-16222.	1.5	38
33	Observation of Plasmon Wave Packet Motions via Femtosecond Time-Resolved Near-Field Imaging Techniques. Nano Letters, 2015, 15, 7657-7665.	4.5	26
34	Plasmon modes in single gold nanodiscs. Optics Express, 2014, 22, 12189.	1.7	35
35	Local Optical Activity in Achiral Two-Dimensional Gold Nanostructures. Journal of Physical Chemistry C, 2014, 118, 22229-22233.	1.5	56
36	Nanoscopic Study on Developing Optical Activity with Increasing Chirality for Two-Dimensional Metal Nanostructures. ACS Photonics, 2014, 1, 732-738.	3.2	43

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37	Near-Field Scanning Optical Microscopy: Single Channel Imaging of Selected Gold Nanoparticles through Two Photon Induced Photoluminescence. Advanced Materials Research, 2014, 938, 118-122.	0.3	3
38	Nonlinear Resonant Optical Trapping. The Review of Laser Engineering, 2014, 42, 776.	0.0	0
39	Near-Field Optical Microscopy of Plasmonic Nanostructures. , 2013, , 527-562.		0
40	Circular dichroism nano-imaging of two-dimensional chiral metal nanostructures. Physical Chemistry Chemical Physics, 2013, 15, 13805.	1.3	55
41	Strong optical coupling between mutually orthogonal plasmon oscillations in a silver nanosphereâ€“nanowire joined system. Physical Chemistry Chemical Physics, 2013, 15, 4146-4153.	1.3	6
42	Optical Field Imaging of Elongated Rectangular Nanovoids in Gold Thin Film. Journal of Physical Chemistry C, 2013, 117, 2449-2454.	1.5	5
43	Optical studies of single metal nanoparticles. Physical Chemistry Chemical Physics, 2013, 15, 4090.	1.3	6
44	Spatial distribution of enhanced optical fields in one-dimensional linear arrays of gold nanoparticles studied by scanning near-field optical microscopy. Physical Chemistry Chemical Physics, 2013, 15, 4265-4269.	1.3	18
45	Visualizing the Optical Field Structures in Metal Nanostructures. Journal of Physical Chemistry Letters, 2013, 4, 2230-2241.	2.1	45
46	Strong Nanoscale Optical Activity Localized in Two-Dimensional Chiral Metal Nanostructures. Journal of Physical Chemistry C, 2013, 117, 23964-23969.	1.5	62
47	Nanooptical Studies on Physical and Chemical Characteristics of Noble Metal Nanostructures. Bulletin of the Chemical Society of Japan, 2013, 86, 397-413.	2.0	5
48	Sub-20-fs Time-Resolved Measurements in an Apertured Near-Field Optical Microscope Combined with a Pulse-Shaping Technique. Applied Physics Express, 2012, 5, 062002.	1.1	11
49	Near-Field Optical Microscopy of Localized Surface Plasmons Excited in Noble Metal Nanostructures. The Review of Laser Engineering, 2012, 40, 571.	0.0	0
50	Nanoscale Two-Photon Induced Polymerization of Diacetylene Langmuirâ^'Blodgett Film by Near-Field Photoirradiation. Journal of Physical Chemistry C, 2011, 115, 6190-6194.	1.5	5
51	Confined Optical Fields in Nanovoid Chain Structures Directly Visualized by Near-Field Optical Imaging. Journal of Physical Chemistry C, 2011, 115, 1548-1555.	1.5	11
52	Anomalous Light Transmission from Plasmonic-Capped Nanoapertures. Nano Letters, 2011, 11, 960-965.	4.5	32
53	Plasmon-induced local photocurrent changes in GaAs photovoltaic cells modified with gold nanospheres: A near-field imaging study. Journal of Applied Physics, 2011, 110, 104306.	1.1	7
54	NEAR-FIELD IMAGING OF OPTICAL-FIELD STRUCTURES AND PLASMON WAVE FUNCTIONS IN METAL NANOSTRUCTURES. Advances in Multi-photon Processes and Spectroscopy, 2011, , 175-209.	0.6	1

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55	Spatial distribution of enhanced optical fields in monolayered assemblies of metal nanoparticles: Effects of interparticle coupling. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 221, 154-159.	2.0	10
56	Near-Field Optical Imaging of Wavefunctions and Optical Fields in Plasmonic Nanostructures. , 2011, , 127-160.		2
57	Nonlinear optical effects in trapping nanoparticles with femtosecond pulses. Nature Physics, 2010, 6, 1005-1009.	6.5	159
58	FDTD Simulated Observation of a Gold Nanorod by Scanning Near-Field Optical Microscopy. Plasma and Fusion Research, 2010, 5, S2110-S2110.	0.3	2
59	Bioimaging with Twoâ€Photonâ€Induced Luminescence from Triangular Nanoplates and Nanoparticle Aggregates of Gold. Advanced Materials, 2009, 21, 2309-2313.	11.1	67
60	Near-field optical imaging of enhanced electric fields and plasmon waves in metal nanostructures. Progress in Surface Science, 2009, 84, 199-229.	3.8	66
61	Properties of Photoluminescence from Single Gold Nanorods Induced by Near-Field Two-Photon Excitation. Journal of Physical Chemistry C, 2009, 113, 11756-11759.	1.5	60
62	Two-photon imaging of localized optical fields in the vicinity of silver nanowires using a scanning near-field optical microscope. Physical Chemistry Chemical Physics, 2009, 11, 5876.	1.3	10
63	Dye fluorescence enhancement and quenching by gold nanoparticles: Direct near-field microscopic observation of shape dependence. Chemical Physics Letters, 2008, 467, 105-109.	1.2	49
64	Raman and nearâ€field spectroscopic study on localized surface plasmon excitation from the 2D nanostructure of gold nanoparticles. Journal of Microscopy, 2008, 229, 327-330.	0.8	22
65	Near-Field Study on Correlation of Localized Electric Field and Nanostructures in Monolayer Assembly of Gold Nanoparticles. Journal of Physical Chemistry C, 2008, 112, 4033-4035.	1.5	42
66	Ultrafast photoinduced changes of eigenfunctions of localized plasmon modes in gold nanorods. Physical Review B, 2008, 77, .	1.1	19
67	Near-Field Optical Imaging of Nanoscale Optical Fields and Plasmon Waves. Japanese Journal of Applied Physics, 2008, 47, 6055.	0.8	17
68	Development of Novel Near-Field Microspectroscopy and Imaging of Local Excitations and Wave Functions of Nanomaterials. Bulletin of the Chemical Society of Japan, 2008, 81, 659-675.	2.0	38
69	Near-Field Raman Imaging and Electromagnetic Field Confinement in the Self-Assembled Monolayer Array of Gold Nanoparticles. Langmuir, 2008, 24, 9241-9244.	1.6	41
70	Imaging of Plasmon Wavefunctions in Noble Metal Nanoparticles by Near-field Optical Microscopy. Hyomen Kagaku, 2008, 29, 336-343.	0.0	0
71	Imaging of optical field distributions and plasmon wavefunctions in metal nanoparticles. , 2007, , .		0
72	Ultrafast near-field microscopy of single gold nanoparticles. , 2007, , .		0

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73	Near-field imaging of optical field and plasmon wavefunctions in metal nanoparticles. Journal of Materials Chemistry, 2006, 16, 3920.	6.7	62
74	Visualization of Localized Intense Optical Fields in Single Goldâ"Nanoparticle Assemblies and Ultrasensitive Raman Active Sites. Nano Letters, 2006, 6, 2173-2176.	4.5	230
75	Reciprocity in scanning near-field optical microscopy: illumination and collection modes of transmission measurements. Optics Letters, 2006, 31, 1474.	1.7	36
76	Near-field Imaging of Surface-enhanced Raman Active Sites in Aggregated Gold Nanoparticles. Chemistry Letters, 2006, 35, 78-79.	0.7	47
77	Photoluminescence from gold nanoplates induced by near-field two-photon absorption. Applied Physics Letters, 2006, 88, 023104.	1.5	76
78	Imaging of Plasmons in Gold Nano-Particles by Dynamic Near-Field Spectroscopy. The Review of Laser Engineering, 2006, 34, 224-229.	0.0	1
79	Plasmon Wavefunction Imaging and Dynamic Near-Field Optical Microscopy of Noble Metal Nanoparticles. Journal of the Spectroscopical Society of Japan, 2006, 55, 161-172.	0.0	4
80	Pump-probe near-field optical microscopy of molecular aggregates using supercontinuum. Springer Series in Chemical Physics, 2005, , 434-436.	0.2	1
81	Structure of the S1 state of diphenylacetylene as studied by time-resolved CARS and infrared spectroscopy. Journal of Molecular Structure, 2005, 735-736, 197-202.	1.8	7
82	Imaging and dispersion relations of surface plasmon modes in silver nanorods by near-field spectroscopy. Chemical Physics Letters, 2005, 412, 41-45.	1.2	45
83	Near-field optical imaging of plasmon modes in gold nanorods. Journal of Chemical Physics, 2005, 122, 154701.	1.2	154
84	Morphological and Spectroscopic Properties of Thin Films of Self-Assembling Amphiphilic Porphyrins on a Hydrophilic Surface as Revealed by Scanning Near-Field Optical Microscopy. Journal of Physical Chemistry B, 2005, 109, 19839-19844.	1.2	12
85	Near-Field Two-Photon-Induced Photoluminescence from Single Gold Nanorods and Imaging of Plasmon Modes. Journal of Physical Chemistry B, 2005, 109, 13214-13220.	1.2	332
86	Characteristic near-field spectra of single gold nanoparticles. Chemical Physics Letters, 2004, 400, 500-505.	1.2	49
87	Plasmon Mode Imaging of Single Gold Nanorods. Journal of the American Chemical Society, 2004, 126, 12730-12731.	6.6	228
88	Imaging of Surface Plasmon and Ultrafast Dynamics in Gold Nanorods by Near-Field Microscopy. Journal of Physical Chemistry B, 2004, 108, 16344-16347.	1.2	103
89	Time-resolved scanning near-field optical microscopy with supercontinuum light pulses generated in microstructure fiber. Review of Scientific Instruments, 2004, 75, 4528-4533.	0.6	36
90	Spectral inhomogeneities and spatially resolved dynamics in porphyrin J-aggregate studied in the near-field. Chemical Physics Letters, 2003, 381, 368-375.	1.2	35

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91	Picosecond Infrared Spectra and Structure of Locally Excited and Charge Transfer Excited States of Isotope-Labeled 4-(Dimethylamino)benzonitriles. Bulletin of the Chemical Society of Japan, 2002, 75, 957-963.	2.0	11
92	Picosecond Infrared Spectrum of 4-(Pyrrol-1-yl)benzonitrile:â€‰ Structure of the Excited Charge-Transfer States of Donorâ^'Acceptor Systems. Journal of Physical Chemistry A, 2002, 106, 3485-3490.	1.1	25
93	Scientific Contributions of Mitsuo Tasumi. Journal of Physical Chemistry A, 2002, 106, 3253-3254.	1.1	1
94	Picosecond Infrared Spectra of Isotope-Substituted 4-(Dimethylamino)benzonitriles and Molecular Structure of the Charge-Transfer Singlet Excited State. Journal of Physical Chemistry A, 2001, 105, 4182-4188.	1.1	43
95	Transient vibrational temperatures estimated from anti-Stokes and Stokes Raman intensities and vibrational cooling of electronically excitedtrans-stilbene in solution. Journal of Raman Spectroscopy, 2000, 31, 305-309.	1.2	10
96	Picosecond transient infrared spectra and structure of S1 diphenylacetylene in solution. Chemical Physics Letters, 2000, 325, 212-218.	1.2	21
97	Infrared and Raman spectra of 4-(dimethylamino)benzonitrile and isotopomers in the ground state and vibrational analysis. Chemical Physics, 2000, 260, 193-214.	0.9	52
98	Picosecond Transient Infrared Spectrum of 4-(Dimethylamino)benzonitrile in the Fingerprint Region. Journal of Physical Chemistry A, 2000, 104, 4182-4187.	1.1	44
99	Picosecond Anti-Stokes Raman Excitation Profiles as a Method for Investigating Vibrationally Excited Transients. Laser Chemistry, 1999, 19, 335-341.	0.5	2
100	Picosecond Transient Infrared Spectroscopy of 4-Dimethylamino- 4â€²-Nitrostilbene in the Fingerprint Region. Laser Chemistry, 1999, 19, 363-366.	0.5	2
101	Pump- And Probe-Wavelength Dependencies of Picosecond Anti-Stokes Raman Spectrum of Trans-Stilbene in the S₁ State. Laser Chemistry, 1999, 19, 75-78.	0.5	2
102	Picosecond Infrared Spectroscopy of Electronically Excitedtrans-Stilbene in Solution in the Fingerprint Region. Journal of Physical Chemistry A, 1999, 103, 5852-5857.	1.1	21
103	High-sensitivity measurement of ultrafast transient infrared spectra based on optically heterodyned detection of absorption anisotropy. Chemical Physics Letters, 1998, 283, 33-38.	1.2	17
104	Sub-picosecond excited-state dynamics of a carotenoid (spirilloxanthin) in the light-harvesting systems of Chromatium vinosum.. Chemical Physics, 1998, 236, 309-318.	0.9	19
105	Vibrational Relaxation Dynamics of trans-Stilbene in the Lowest Excited Singlet State. Pump and Probe Wavelength Dependencies of the Picosecond Time-Resolved Anti-Stokes Raman Spectrum. Journal of Physical Chemistry A, 1998, 102, 9686-9695.	1.1	48
106	Observation of Picosecond Transient Raman Spectra by Asynchronous Fourier Transform Raman Spectroscopy. Applied Spectroscopy, 1998, 52, 76-81.	1.2	8
107	Picosecond Transient Infrared Spectrum of Electronically Excited trans-Stilbene in Acetonitrile and Excited Molecular Structure. Chemistry Letters, 1998, 27, 1141-1142.	0.7	7
108	Analysis of Anti-Stokes Resonance Raman Excitation Profiles as a Method for Studying Vibrationally Excited Molecules. Journal of Physical Chemistry A, 1997, 101, 3488-3493.	1.1	34

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109	Probe-Wavelength Dependency of Picosecond Anti-Stokes Raman Spectra of trans-Stilbene in the S1 State. Journal of Physical Chemistry A, 1997, 101, 7189-7193.	1.1	31
110	Probe-Wavelength Dependence of Picosecond Time-Resolved Anti-Stokes Raman Spectrum of Canthaxanthin:Â Determination of Energy States of Vibrationally Excited Molecules Generated via Internal Conversion from the Lowest Excited Singlet State. Journal of Physical Chemistry A, 1997, 101, 3494-3500.	1.1	43
111	Picosecond transient infrared spectroscopy of electronically excited 4-dimethylamino-4â€²-nitrostilbene in the fingerprint region (1640-940 cmâ^'1). Chemical Physics Letters, 1996, 256, 502-508.	1.2	33
112	Picosecond transient Raman spectra of photoexcited 4-dimethylamino-4â€²-nitrostilbene in polar solvents. Journal of Raman Spectroscopy, 1995, 26, 841-845.	1.2	15
113	Generation of ultrashort light pulses in the mid-infrared (3000â^'800 cmâ^'1) by four-wave mixing. Optics Communications, 1995, 121, 63-68.	1.0	17
114	New feedback mechanism for reducing timing jitter between pulses from two synchronously pumped modeâ€locked lasers. Review of Scientific Instruments, 1995, 66, 5165-5168.	0.6	6
115	Time-resolved pump-probe Raman spectroscopy with temporally incoherent light. Journal of Raman Spectroscopy, 1994, 25, 631-639.	1.2	5
116	Assignment and anharmonicity analysis of overtone and combination bands observed in the resonance Raman spectra of carotenoids. Spectrochimica Acta Part A: Molecular Spectroscopy, 1994, 50, 1467-1473.	0.1	31
117	Femtosecond time-resolved polarized coherent anti-Stokes Raman studies on reorientational relaxation in benzonitrile. Chemical Physics Letters, 1993, 202, 161-166.	1.2	27
118	Femtosecond vibrational dephasing of the Cî—¼N stretching in alkanenitriles with long alkyl chains. Dependence on the chain length and hydrogen bonding. Chemical Physics Letters, 1993, 206, 388-392.	1.2	15
119	Ultrafast population relaxation by time-resolved degenerate four-wave mixing with incoherent light and analysis under breakdown of the two-level approximation. Journal of the Optical Society of America B: Optical Physics, 1993, 10, 2353.	0.9	11
120	Femtosecond time-resolved coherent anti-Stokes Raman scattering of the C.tplbond.C stretching in liquid alkynes. The Journal of Physical Chemistry, 1993, 97, 7815-7819.	2.9	10
121	Incoherent time-resolved pump-probe Raman spectroscopy. The Journal of Physical Chemistry, 1993, 97, 9871-9873.	2.9	10
122	Observation of the dephasing of the C.tplbond.N stretching vibration in liquid nitriles by femtosecond time-resolved coherent anti-Stokes Raman scattering. The Journal of Physical Chemistry, 1992, 96, 8385-8390.	2.9	11
123	Origin of subpicosecond decay components revealed in time-profiles of coherent anti-Stokes Raman scattering from neat benzene. Chemical Physics Letters, 1992, 196, 44-50.	1.2	5
124	Femtosecond time-resolved coherent Raman scattering under various polarization and resonance conditions: errata. Journal of the Optical Society of America B: Optical Physics, 1991, 8, 708.	0.9	0
125	Effects of homogeneous and inhomogeneous broadening mechanisms and molecular rearrangement dynamics on frequency resolved and time resolved coherent Raman intensities. Chemical Physics, 1991, 155, 291-307.	0.9	3
126	Femtosecond time-resolved coherent anti-Stokes Raman scattering from carotenoids in vivo and in vitro: comparison of vibrational relaxation times (T2) of the in-phase Cî—»C stretching bands. Chemical Physics Letters, 1991, 182, 96-100.	1.2	10

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127	Femtosecond time-resolved coherent anti-Stokes Raman scattering from acetonitrile: solvent effects on the vibrational dephasing of the Cî—¼N stretching band. Chemical Physics Letters, 1991, 185, 56-60.	1.2	27
128	Femtosecond time-resolved coherent Raman scattering from Î²-carotene in solution. Ultrahigh frequency (11 THz) beating phenomenon and sub-picosecond vibrational relaxation. Chemical Physics Letters, 1991, 177, 568-572.	1.2	50
129	Theoretical study on polarized time-resolved resonance coherent anti-Stokes Raman scattering: effects of ultrafast molecular rearrangement in the electronically excited state. Chemical Physics Letters, 1990, 172, 323-329.	1.2	6
130	Femtosecond time-resolved coherent Raman scattering under various polarization and resonance conditions. Journal of the Optical Society of America B: Optical Physics, 1990, 7, 1702.	0.9	53
131	Resonance Raman studies on tetradesmethyl-Î²-carotene aggregates. Journal of Raman Spectroscopy, 1989, 20, 751-756.	1.2	22
132	Perturbation theoretical study of resonance Raman intensities: Contribution of forbidden electronic states. Journal of Raman Spectroscopy, 1988, 19, 255-259.	1.2	4
133	Solvation dynamics and vibrational relaxation in resonance Raman and fluorescence lineshapes of tetradesmethyl-Î² -carotene. Chemical Physics Letters, 1987, 134, 87-95.	1.2	24
134	Resonance raman excitation profiles of trans-azobenzene: contribution of a symmetry-forbidden electronic transition to Raman intensities. Chemical Physics Letters, 1986, 130, 185-189.	1.2	37
135	Transient Raman spectra of the all-trans and 7-, 9-, 11- and 13-mono-cis isomers of retinal and the mechanism of the cis-trans isomerization in the lowest excited triplet state. Chemical Physics Letters, 1984, 107, 355-359.	1.2	44
136	Resonance Raman spectra and excitation profiles of tetradesmethyl-Î²-Carotene. Journal of Raman Spectroscopy, 1984, 15, 331-335.	1.2	42
137	TRANSIENT RAMAN SPECTRA OF ALL-TRANS- AND 9-CIS-RETINAL IN THE EXCITED TRIPLET STATE. Chemistry Letters, 1984, 13, 549-550.	0.7	8