Nathan Hammer

List of Publications by Year
in descending order

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147 papers	5,373 citations	94433 37 h-index	91884 69 g-index
153 all docs	153 docs citations	153 times ranked	5687 citing authors

#	Article	IF	Citations
1	Cross-linking Poly(caprolactone)â€“Polyamidoamine Linear Dendritic Block Copolymers for Theranostic Nanomedicine. ACS Applied Polymer Materials, 2022, 4, 2972-2986.	4.4	4
2	Lewis Acidâ€“Lewis Base Interactions Promote Fast Interfacial Electron Transfers with a Pyridine-Based Donor Dye in Dye-Sensitized Solar Cells. ACS Applied Energy Materials, 2022, 5, 1516-1527.	5.1	6
3	Raman Spectroscopic and Quantum Chemical Investigation of the Pyridine-Borane Complex and the Effects of Dative Bonding on the Normal Modes of Pyridine. ACS Omega, 2022, 7, 13189-13195.	3.5	2
4	Probing halogen bonding interactions between heptafluoro-2-iodopropane and three azabenzenes with Raman spectroscopy and density functional theory. Physical Chemistry Chemical Physics, 2022, 24, 11713-11720.	2.8	8
5	Double-layer magnetized/functionalized biochar composite: Role of microporous structure for heavy metal removals. Journal of Water Process Engineering, 2021, 39, 101677.	5.6	21
6	Determination of vibrational band positions in the E-hook of Î²-tubulin. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 244, 118895.	3.9	1
7	Raman spectroscopic and quantum chemical investigation of the effects of trimethylamine Nâ€oxide on hydrated guanidinium and hydrogenâ€bonded water networks. Journal of Raman Spectroscopy, 2021, 52, 788-795.	2.5	4
8	SWIR emissive RosIndolizine dyes with nanoencapsulation in water soluble dendrimers. RSC Advances, 2021, 11, 27832-27836.	3.6	10
9	Probing the Effects of Electron Deficient Aryl Substituents and a Ï€â€System Extended NHC Ring on the Photocatalytic CO₂ Reduction Reaction with Reâ€pyNHCâ€Aryl Complexes**. ChemPhotoChem, 2021, 5, 353-361.	3.0	4
10	A De Novoâ€Designed Artificial Metallopeptide Hydrogenase: Insights into Photochemical Processes and the Role of Protonated Cys. ChemSusChem, 2021, 14, 2237-2246.	6.8	6
11	Iron Redox Shuttles with Wide Optical Gap Dyes for Highâ€Voltage Dyeâ€Sensitized Solar Cells. ChemSusChem, 2021, 14, 3084-3096.	6.8	8
12	Probing Interfacial Halogen-Bonding Effects with Halogenated Organic Dyes and a Lewis Base-Decorated Transition Metal-Based Redox Shuttle at a Metal Oxide Interface in Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2021, 125, 17647-17659.	3.1	13
13	Heteroacene-Based Amphiphile as a Molecular Scaffold for Bioimaging Probes. Frontiers in Chemistry, 2021, 9, 729125.	3.6	2
14	Tracking the Amide I and Î±COOâ¯ Terminal Î½(C=O) Raman Bands in a Family of l-Glutamic Acid-Containing Peptide Fragments: A Raman and DFT Study. Molecules, 2021, 26, 4790.	3.8	3
15	Relative energetics of CH3CH2O, CH3CHOH, and CH2CH2OH radical products from ethanol dehydrogenation. Journal of Chemical Physics, 2021, 155, 114306.	3.0	1
16	Synthesis, Characterization, and Photophysics of Self-Assembled Mn(II)-MOF with Naphthalene Chromophore. Journal of Physical Chemistry C, 2021, 125, 792-802.	3.1	17
17	Shortwave Infrared Absorptive and Emissive Pentamethine-Bridged Indolizine Cyanine Dyes. Journal of Organic Chemistry, 2021, 86, 15376-15386.	3.2	16
18	Preferential Direction of Electron Transfers at a Dyeâ€“Metal Oxide Interface with an Insulating Fluorinated Self-Assembled Monolayer and MgO. Journal of Physical Chemistry C, 2021, 125, 25410-25421.	3.1	4

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19	Self-Assembling PCLâ€“PAMAM Linear Dendritic Block Copolymers (LDBCs) for Bioimaging and Phototherapeutic Applications. ACS Applied Bio Materials, 2020, 3, 5664-5677.	4.6	21
20	Evaluating Donor Effects in Isoindigo-Based Small Molecular Fluorophores. Journal of Physical Chemistry A, 2020, 124, 10777-10786.	2.5	9
21	Effect of Pyrolysis Temperature on PhysicoChemical Properties and Acoustic-Based Amination of Biochar for Efficient CO2 Adsorption. Frontiers in Energy Research, 2020, 8, .	2.3	138
22	Impact of Biomass Sources on Acoustic-Based Chemical Functionalization of Biochars for Improved CO₂ Adsorption. Energy & Fuels, 2020, 34, 8608-8627.	5.1	7
23	Low-temperature acoustic-based activation of biochar for enhanced removal of heavy metals. Journal of Water Process Engineering, 2020, 34, 101166.	5.6	35
24	Phosphate and Water Sensing with a Zincâ€Dipicolylamineâ€Based Chargeâ€Transfer Dye. ChemistrySelect, 2020, 5, 1945-1949.	1.5	2
25	Water-Soluble NIR Absorbing and Emitting Indolizine Cyanine and Indolizine Squaraine Dyes for Biological Imaging. Journal of Organic Chemistry, 2020, 85, 4089-4095.	3.2	41
26	Effect of â€œXâ€•Ligands on the Photocatalytic Reduction of CO₂ to CO with Re(pyridylNHCâ€CF₃)(CO)₃X Complexes. European Journal of Inorganic Chemistry, 2020, 2020, 1844-1851.	2.0	13
27	Thienopyrroledione-Based Photosensitizers as Strong Photoinduced Oxidants: Oxidation of Fe(bpy)₃²⁺ in a >1.3 V Dye-Sensitized Solar Cell. ACS Applied Energy Materials, 2019, 2, 5547-5556.	5.1	16
28	Surface and Interfacial Interactions in Dodecane/Brine Pickering Emulsions Stabilized by the Combination of Cellulose Nanocrystals and Emulsifiers. Langmuir, 2019, 35, 12061-12070.	3.5	25
29	Donorâ€“Acceptorâ€“Donor NIR II Emissive Rhodindolizine Dye Synthesized by Câ€“H Bond Functionalization. Journal of Organic Chemistry, 2019, 84, 13186-13193.	3.2	45
30	Characterization of Furan- and Thiophene-Containing Bispyridyl Oligomers via Spectroscopic, Electrochemical, and TD-DFT Methods. Journal of Physical Chemistry C, 2019, 123, 15176-15185.	3.1	11
31	Advances in electro-copolymerization of NIR emitting and electronically conducting block copolymers. Journal of Materials Chemistry C, 2019, 7, 3168-3172.	5.5	16
32	Near-Infrared-Absorbing Indolizine-Porphyrin Pushâ€“Pull Dye for Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 16474-16489.	8.0	48
33	A Raman Spectroscopic and Computational Study of New Aromatic Pyrimidine-Based Halogen Bond Acceptors. Inorganics, 2019, 7, 119.	2.7	6
34	Photocatalytic H₂-Evolution by Homogeneous Molybdenum Sulfide Clusters Supported by Dithiocarbamate Ligands. Inorganic Chemistry, 2019, 58, 16458-16474.	4.0	11
35	Urea functionalization of ultrasound-treated biochar: A feasible strategy for enhancing heavy metal adsorption capacity. Ultrasonics Sonochemistry, 2019, 51, 20-30.	8.2	82
36	Blue Electrogenerated Chemiluminescence from Halide Perovskite Nanocrystals. Journal of Analysis and Testing, 2019, 3, 125-133.	5.1	11

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37	Low Frequency Ultrasound Enhanced Dual Amination of Biochar: A Nitrogen-Enriched Sorbent for CO₂ Capture. Energy & Fuels, 2019, 33, 2366-2380.	5.1	30
38	Indolizine-Cyanine Dyes: Near Infrared Emissive Cyanine Dyes with Increased Stokes Shifts. Journal of Organic Chemistry, 2019, 84, 687-697.	3.2	45
39	Ullazine Donorâ€“Ï€ bridgeâ€Acceptor Organic Dyes for Dyeâ€Sensitized Solar Cells. Chemistry - A European Journal, 2018, 24, 5939-5949.	3.3	18
40	A Mononuclear Tungsten Photocatalyst for H₂ Production. ACS Catalysis, 2018, 8, 4838-4847.	11.2	21
41	Ultrasound cavitation intensified amine functionalization: A feasible strategy for enhancing CO2 capture capacity of biochar. Fuel, 2018, 225, 287-298.	6.4	82
42	Tuning the structural and spectroscopic properties of donorâ€“acceptorâ€“donor oligomers via mutual X-bonding, H-bonding, and Ï€â€“Ï€ interactions. Journal of Materials Chemistry C, 2018, 6, 11992-12000.	5.5	17
43	Synthesis of MoS₂ from [Mo₃S₇(S₂CNEt₂)₃]I for enhancing photoelectrochemical performance and stability of Cu₂O photocathode toward efficient solar water splitting. Journal of Materials Chemistry A, 2018, 6, 9569-9582.	10.3	33
44	Systematic Experimental and Computational Studies of Substitution and Hybridization Effects in Solid-State Halogen Bonded Assemblies. Crystal Growth and Design, 2018, 18, 3244-3254.	3.0	20
45	Counter Anion Effect on the Photophysical Properties of Emissive Indolizine-Cyanine Dyes in Solution and Solid State. Molecules, 2018, 23, 3051.	3.8	34
46	A Robust Pyridyl-NHC-Ligated Rhenium Photocatalyst for CO2 Reduction in the Presence of Water and Oxygen. Inorganics, 2018, 6, 22.	2.7	18
47	Boranes with Ultra-High Stokes Shift Fluorescence. Organometallics, 2018, 37, 3732-3741.	2.3	40
48	Quinoxaline-Based Dual Donor, Dual Acceptor Organic Dyes for Dye-Sensitized Solar Cells. Applied Sciences (Switzerland), 2018, 8, 1421.	2.5	10
49	Noncovalent Interactions between Trimethylamine N-Oxide (TMAO), Urea, and Water. Journal of Physical Chemistry B, 2018, 122, 8805-8811.	2.6	21
50	Importance of a Truly Cohesive Theme in a REU Program. ACS Symposium Series, 2018, , 157-175.	0.5	0
51	Rapid Screening of Photoanode Materials Using Scanning Photoelectrochemical Microscopy Technique and Formation of Z-Scheme Solar Water Splitting System by Coupling p- and n-type Heterojunction Photoelectrodes. ACS Applied Energy Materials, 2018, 1, 2283-2294.	5.1	24
52	Intermolecular Interactions and Vibrational Perturbations within Mixtures of 1-Ethyl-3-methylimidazolium Thiocyanate and Water. Journal of Physical Chemistry C, 2018, 122, 27673-27680.	3.1	12
53	Iodine binding with thiophene and furan based dyes for DSCs. Physical Chemistry Chemical Physics, 2018, 20, 17859-17870.	2.8	15
54	Partial displacement of a triamine ligand from a platinum(II) complex after reaction with N-acetylmethionine. Inorganica Chimica Acta, 2017, 458, 163-170.	2.4	1

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55	Introducing Students to a Synthetic and Spectroscopic Study of the Free Radical Chlorine Dioxide. Journal of Chemical Education, 2017, 94, 515-520.	2.3	1
56	Quantifying the Effects of Halogen Bonding by Haloaromatic Donors on the Acceptor Pyrimidine. ChemPhysChem, 2017, 18, 1267-1273.	2.1	16
57	Near-Infrared Fluorescent Thienothiadiazole Dyes with Large Stokes Shifts and High Photostability. Journal of Organic Chemistry, 2017, 82, 5597-5606.	3.2	30
58	Synthesis, characterization, photophysics, and a ligand rearrangement of CCC-NHC pincer nickel complexes: Colors, polymorphs, emission, and Raman spectra. Journal of Organometallic Chemistry, 2017, 845, 258-265.	1.8	17
59	A Facile Electrochemical Reduction Method for Improving Photocatalytic Performance of Î±-Fe₂O₃ Photoanode for Solar Water Splitting. ACS Applied Materials & Interfaces, 2017, 9, 381-390.	8.0	51
60	Molecular Engineering of Near Infrared Absorbing Thienopyrazine Double Donor Double Acceptor Organic Dyes for Dye-Sensitized Solar Cells. Journal of Organic Chemistry, 2017, 82, 12038-12049.	3.2	22
61	Frontispiece: Indolizineâ€“Squaraines: NIR Fluorescent Materials with Molecularly Engineered Stokes Shifts. Chemistry - A European Journal, 2017, 23, .	3.3	0
62	Probing Dative and Dihydrogen Bonding in Ammonia Borane with Electronic Structure Computations and Raman under Nitrogen Spectroscopy. Journal of Physical Chemistry A, 2017, 121, 5884-5893.	2.5	22
63	Indolizineâ€“Squaraines: NIR Fluorescent Materials with Molecularly Engineered Stokes Shifts. Chemistry - A European Journal, 2017, 23, 12494-12501.	3.3	29
64	Photocatalytic Water Splitting and Carbon Dioxide Reduction. , 2017, , 2709-2756.		9
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73	Recent Advancements in Chemical Physics. Journal of Physical Chemistry A, 2015, 119, 12909-12910.	2.5	1
74	Basic Residue at Position 14 Is Not Required for Fast Assembly and Disassembly Kinetics in Neural Cadherin. Biochemistry, 2015, 54, 836-843.	2.5	1
75	Nitroreductase-triggered activation of a novel caged fluorescent probe obtained from methylene blue. Chemical Communications, 2015, 51, 12787-12790.	4.1	91
76	Synthesis, characterization, photophysical properties, and catalytic activity of an SCS bis(N-heterocyclic thione) (SCS-NHT) Pd pincer complex. Dalton Transactions, 2015, 44, 14475-14482.	3.3	41
77	Preparation of n-type semiconducting polymer nanoarrays by covalent synthesis followed by crystallization. New Journal of Chemistry, 2015, 39, 2004-2010.	2.8	5
78	Synergistic effects of halogen bond and Ï€â€“Ï€ interactions in thiophene-based building blocks. RSC Advances, 2015, 5, 82544-82548.	3.6	13
79	IndolizineâBased Donors as Organic Sensitizer Components for DyeâSensitized Solar Cells. Advanced Energy Materials, 2015, 5, 1401629.	19.5	71
80	Studying the Binomial Distribution Using LabVIEW. Journal of Chemical Education, 2015, 92, 389-394.	2.3	1
81	Characterizing the Bï£¿P Stretching Vibration in PhosphorusâSubstituted Phosphine Boranes. ChemPhysChem, 2014, 15, 1867-1871.	2.1	5
82	Raman Under Liquid Nitrogen (RUN). Journal of Physics: Conference Series, 2014, 548, 012017.	0.4	12
83	Noncovalent Interactions in Microsolvated Networks of Trimethylamine N-Oxide. Journal of Physical Chemistry B, 2014, 118, 449-459.	2.6	12
84	Covalent synthesis of perylenediimide-bridged silsesquioxane nanoribbons and their electronic properties. RSC Advances, 2014, 4, 30172-30179.	3.6	11
85	Particle in a Disk: A Spectroscopic and Computational Laboratory Exercise Studying the Polycyclic Aromatic Hydrocarbon Corannulene. Journal of Chemical Education, 2014, 91, 2186-2190.	2.3	10
86	Photoelectron Spectroscopic and Computational Study of Hydrated Pyrimidine Anions. Journal of Physical Chemistry A, 2014, 118, 11901-11907.	2.5	12
87	Platinum CCC-NHC benzimidazolyl pincer complexes: synthesis, characterization, photostability, and theoretical investigation of a blue-green emitter. Dalton Transactions, 2013, 42, 8820.	3.3	33
88	Synthesis and characterization of poly(3-hexylthiophene)-functionalized siloxane nanoparticles. Nanoscale, 2013, 5, 3212.	5.6	9
89	Charge Transfer and Blue Shifting of Vibrational Frequencies in a Hydrogen Bond Acceptor. Journal of Physical Chemistry A, 2013, 117, 5435-5446.	2.5	46
90	Perylenediimide functionalized bridged-siloxane nanoparticles for bulk heterojunction organic photovoltaics. Nanoscale, 2012, 4, 4631.	5.6	23

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91	Single molecule spectroscopic studies of organic rectifiers composed of pyrene and perylenebisimide. Chemical Physics Letters, 2012, 550, 138-145.	2.6	4
92	Synthesis, Air Stability, Photobleaching, and DFT Modeling of Blue Light Emitting Platinum CCC-N-Heterocyclic Carbene Pincer Complexes. Organometallics, 2012, 31, 1664-1672.	2.3	104
93	Photocatalytic Water Splitting and Carbon Dioxide Reduction. , 2012, , 1755-1780.		2
94	Vibrational Spectroscopy of N-Methyliminodiacetic Acid (MIDA)-Protected Boronate Ester: Examination of the Bâ€“N Dative Bond. Journal of Physical Chemistry A, 2011, 115, 6426-6431.	2.5	16
95	Raman Spectroscopic Signatures of Noncovalent Interactions Between Trimethylamine N-oxide (TMAO) and Water. Journal of Physical Chemistry B, 2011, 115, 7699-7707.	2.6	53
96	Syntheses, and Optical, Fluorescence, and Nonlinear Optical Characterization of Phosphine-Substituted Terthiophenes. Inorganic Chemistry, 2011, 50, 2015-2027.	4.0	12
97	Raman Spectroscopy as the Method of Detection for Constructing a Binary Liquidâ€“Vapor Phase Diagram. Journal of Chemical Education, 2011, 88, 1162-1165.	2.3	9
98	Spectroscopic and computational insight into weak noncovalent interactions in crystalline pyrimidine. Chemical Physics Letters, 2011, 501, 319-323.	2.6	22
99	Structures, Energetics and Vibrational Frequency Shifts of Hydrated Pyrimidine. ChemPhysChem, 2011, 12, 3262-3273.	2.1	14
100	Raman and SERS Spectroscopy of N-Methyliminodiacetic Acid (MIDA)-Protected Boronate Esters. , 2010, , .		1
101	Raman Spectroscopic Signatures of Noncovalent Interactions Involving Trimethylamine N-oxide (TMAO). , 2010, , .		0
102	Semiconductor Nanocrystals Hybridized with Functional Ligands: New Composite Materials with Tunable Properties. Materials, 2010, 3, 614-637.	2.9	22
103	Raman Spectroscopic Investigations of Noncovalent Interactions between Pyrimidine and Hydrogen Bonded Networks. , 2010, , .		0
104	Effects of Hydrogen Bonding on Vibrational Normal Modes of Pyrimidine. Journal of Physical Chemistry A, 2010, 114, 6803-6810.	2.5	49
105	Structural Evolution of the [(CO₂)_n(H₂O)]^{â^'} Cluster Anions: Quantifying the Effect of Hydration on the Excess Charge Accommodation Motif. Journal of Physical Chemistry A, 2009, 113, 8942-8948.	2.5	19
106	Comment on â€œLimits on Fluorescence Detected Circular Dichroism of Single Helicene Moleculesâ€• Journal of Physical Chemistry A, 2009, 113, 9757-9758.	2.5	13
107	Exploring the correlation between network structure and electron binding energy in the (H2O)7â^' cluster through isomer-photoselected vibrational predissociation spectroscopy and ab initio calculations: Addressing complexity beyond types I-III. Journal of Chemical Physics, 2008, 128, 104314.	3.0	32
108	Blinking suppression and intensity recurrences in single CdSe-oligo(phenylene vinylene) nanostructures: experiment and kinetic model. Nanotechnology, 2007, 18, 424027.	2.6	37

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109	Luminescence of Molecular and Block Copolymeric 2,7-Bis(phenylethenyl)-fluorenones; Identifying Green-Band Emitter Sites in a Fluorene-Based Luminophore. Chemistry of Materials, 2007, 19, 3265-3270.	6.7	18
110	Fluorescence Lifetimes and Correlated Photon Statistics from Single CdSe/Oligo(phenylene vinylene) Composite Nanostructures. Nano Letters, 2007, 7, 2769-2773.	9.1	27
111	Probing Photophysics of Individual Quantum Dot/Organic Hybrid Nanostructures. , 2007, , .		0
112	Single-Molecule Studies of a Model Fluorenone. ChemPhysChem, 2007, 8, 1481-1486.	2.1	21
113	Quantum dots coordinated with conjugated organic ligands: new nanomaterials with novel photophysics. Nanoscale Research Letters, 2007, 2, 282-290.	5.7	65
114	Periodic Intensity Fluctuations in Functionalized Semiconductor Quantum Dots: Correlation with Ligand Coverage. , 2007, , .		0
115	Diffusive Coordinate Model for Blinking Suppression and Intensity Fluctuations in CdSe-OPV Quantum Dots. , 2007, , .		0
116	Coverage-Mediated Suppression of Blinking in Solid State Quantum Dot Conjugated Organic Composite Nanostructures. Journal of Physical Chemistry B, 2006, 110, 14167-14171.	2.6	99
117	Observation of Enhanced Energy Transfer in Individual Quantum Dotâ^'Oligophenylene Vinylene Nanostructures. Journal of the American Chemical Society, 2006, 128, 3506-3507.	13.7	83
118	Infrared Spectroscopy of Water Cluster Anions, (H2O)n=3-24- in the HOH Bending Region:â€‰ Persistence of the Double H-Bond Acceptor (AA) Water Molecule in the Excess Electron Binding Site of the Class I Isomers. Journal of Physical Chemistry A, 2006, 110, 7517-7520.	2.5	69
119	Suppression of Blinking in Solid State Quantum Dot/ Conjugated Organic Polymer Composite Nanostructures. , 2006, , LWE4.		1
120	Single Molecule Studies of a 2,7-Bis-(Phenylethenyl)fluorenone: Implications for Green-Emission Bands in Fluorene-Based OLEDs. Materials Research Society Symposia Proceedings, 2006, 965, 1.	0.1	0
121	Robust Circular Polarized Emission from Nanoscopic Single-Molecule Sources: Application to Solid State Devices. Materials Research Society Symposia Proceedings, 2006, 965, 1.	0.1	0
122	Modification of Blinking Statistics in Solid State Quantum Dot/Conjugated Organic Polymer Composite Nanostructures. Materials Research Society Symposia Proceedings, 2006, 959, 1.	0.1	0
123	Probing the Chiroptical Response of a Single Molecule. Science, 2006, 314, 1437-1439.	12.6	210
124	Negative ions of ethylene sulfite. Journal of Chemical Physics, 2005, 122, 204319.	3.0	10
125	Vibrational predissociation spectroscopy of the (H2O)6â€“21â^' clusters in the OH stretching region: Evolution of the excess electron-binding signature into the intermediate cluster size regime. Journal of Chemical Physics, 2005, 123, 244311.	3.0	72
126	Mid-infrared characterization of the NH4+â^™(H2O)n clusters in the neighborhood of the n=20 â€œmagicâ€• number. Journal of Chemical Physics, 2005, 123, 164309.	3.0	47

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127	The vibrational predissociation spectra of the H5O2+â^™RGn(RG=Ar,Ne) clusters: Correlation of the solvent perturbations in the free OH and shared proton transitions of the Zundel ion. Journal of Chemical Physics, 2005, 122, 244301.	3.0	228
128	Isotope Effects in Dipole-Bound Anions of Acetone. Physical Review Letters, 2005, 94, 153004.	7.8	13
129	Spectral Signatures of Hydrated Proton Vibrations in Water Clusters. Science, 2005, 308, 1765-1769.	12.6	712
130	Identification of Two Distinct Electron Binding Motifs in the Anionic Water Clusters:Â A Vibrational Spectroscopic Study of the (H2O)6-Isomers. Journal of Physical Chemistry A, 2005, 109, 7896-7901.	2.5	88
131	An Infrared Investigation of the (CO2)n-Clusters:Â Core Ion Switching from Both the Ion and Solvent Perspectives. Journal of Physical Chemistry A, 2005, 109, 3146-3152.	2.5	60
132	Infrared Spectrum and Structural Assignment of the Water Trimer Anionâ€. Journal of Physical Chemistry A, 2005, 109, 11526-11530.	2.5	35
133	Long-Range Electron Binding to Quadrupolar Molecules. Physical Review Letters, 2004, 92, 083003.	7.8	52
134	Dipole-bound anions of highly polar molecules: Ethylene carbonate and vinylene carbonate. Journal of Chemical Physics, 2004, 120, 685-690.	3.0	63
135	Infrared Signature of Structures Associated with the H+(H2O)n (n = 6 to 27) Clusters.. ChemInform, 2004, 35, no.	0.0	5
136	Preparation and photoelectron spectrum of the â€˜missingâ€™ <mml:math altimg="si8.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/co	2.6	41
137	Infrared Signature of Structures Associated with the H+(H2O)n (n = 6 to 27) Clusters. Science, 2004, 304, 1137-1140.	12.6	547
138	Preparation and photoelectron spectrum of the glycine molecular anion: Assignment to a dipole-bound electron species with a high-dipole moment, non-zwitterionic form of the neutral core. Journal of Chemical Physics, 2004, 120, 9899-9902.	3.0	49
139	How Do Small Water Clusters Bind an Excess Electron?. Science, 2004, 306, 675-679.	12.6	276
140	A Cluster Study of Cl2-Microhydration:Â Size-Dependent Competition between Symmetrical H-Bonding to the Anion and the Formation of Cyclic Water Networks in the Cl2-Â·1â^'5(H2O) Series. Journal of Physical Chemistry A, 2004, 108, 3910-3915.	2.5	45
141	Effects of electric fields and collisions on highly excited rubidium atoms. European Physical Journal D, 2003, 26, 27-32.	1.3	4
142	Dipole-bound anions of carbonyl, nitrile, and sulfoxide containing molecules. Journal of Chemical Physics, 2003, 119, 3650-3660.	3.0	79
143	Charge transfer reactions between chiral Rydberg atoms and chiral molecules. Journal of Chemical Physics, 2002, 117, 4299-4305.	3.0	7
144	Multipole-bound molecular anions. Advances in Gas Phase Ion Chemistry, 2001, , 257-305.	0.8	60

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145	Effects of nanoaggregation on isoindigo-based fluorophores for near-infrared bioimaging applications. Molecular Systems Design and Engineering, 0, , .	3.4	1
146	Correlation of Solid-State Order to Optoelectronic Behavior in Heterocyclic Oligomers. CrystEngComm, 0, , .	2.6	2
147	Designing Self-Assembled Dyeâ€“Redox Shuttle Systems via Interfacial Ï€-Stacking in Dye-Sensitized Solar Cells for Enhanced Low Light Power Conversion. Energy & Fuels, 0, , .	5.1	0