

# Theis I SÃ,ling

## List of Publications by Year in descending order

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126  
papers

3,100  
citations

230014

27  
h-index

206121

51  
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131  
docs citations

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times ranked

4238  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hardness Enhancement of Carbonate Rocks by Formation of Smithsonite and Fluorite. <i>Rock Mechanics and Rock Engineering</i> , 2022, 55, 1001-1012.	2.6	7
2	Atmospheric chemistry of CF <sub>3</sub> CN: kinetics and products of reaction with OH radicals, Cl atoms and O <sub>3</sub> . <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 2638-2645.	1.3	1
3	Atmospheric chemistry of ( <i>Z</i> )- and ( <i>E</i> )-1,2-dichloroethene: kinetics and mechanisms of the reactions with Cl atoms, OH radicals, and O <sub>3</sub> . <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 7356-7373.	1.3	1
4	Carbonate Rock Chemical Consolidation Methods: Advancement and Applications. <i>Energy &amp; Fuels</i> , 2022, 36, 4186-4197.	2.5	11
5	Improving long-term hydraulic fracture conductivity by alteration of rock minerals. <i>Journal of Petroleum Science and Engineering</i> , 2021, 196, 108046.	2.1	22
6	Design of Green-Emitting Salts from Substituted Pyridines: Understanding the Solid-State Photodimerization of <i>trans</i> -1,2-bis(4-pyridyl)ethylene. <i>ChemPhysChem</i> , 2021, 22, 1088-1093.	1.0	2
7	The Sulfolene Protecting Group: Observation of a Direct Photoinitiated Cheletropic Ring Opening. <i>ChemPhotoChem</i> , 2021, 5, 863-870.	1.5	1
8	Prevention of Hematite Settling in Water-Based Mud at High Pressure and High Temperature. <i>ACS Omega</i> , 2021, 6, 23607-23613.	1.6	10
9	Comprehensive Geophysical Study at Wabar Crater, Rub Al-Khali Desert, Saudi Arabia. <i>Earth and Space Science</i> , 2021, 8, e2020EA001432.	1.1	4
10	Transient Symmetry Controls Photo Dynamics near Conical Intersections. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 9220-9225.	2.1	4
11	Nonstatistical Photoinduced Processes in Gaseous Organic Molecules. <i>ACS Omega</i> , 2021, 6, 29325-29344.	1.6	4
12	Molecular Transport across Oil-Brine Interfaces Impacts Interfacial Tension: Time-Effects in Buoyant and Pendant Drop Measurements. <i>Langmuir</i> , 2021, 37, 585-595.	1.6	2
13	Improving Long-Term Hydraulic Fracture Conductivity in Carbonate Formations by Substitution of Harder Minerals. , 2021, , .		4
14	Foamstability: The interplay between salt-, surfactant- and critical micelle concentration. <i>Journal of Petroleum Science and Engineering</i> , 2020, 187, 106871.	2.1	48
15	Real-time monitoring of oil-induced micellar transitions in viscoelastic surfactants by small-angle X-ray scattering. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 399-406.	5.0	9
16	Improving carbonate rock hardness by consolidating additives to sustain long term fracture conductivity. <i>Journal of Petroleum Science and Engineering</i> , 2020, 195, 107897.	2.1	14
17	Theoretical study of hydroxyl radical (OH <sup>•</sup> ) induced decomposition of <i>tert</i> -butyl methyl ether (MTBE). <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 1037-1044.	1.7	1
18	Crystalizing the interface – The first X-Ray structure of an oil/surfactant/brine transition layer. <i>Journal of Petroleum Science and Engineering</i> , 2020, 188, 106953.	2.1	5

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19	How a range of metal ions influence the interfacial tension of n-decane/carboxylic acid/water systems: The impact of concentration, molecular- and electronic structure. <i>Journal of Petroleum Science and Engineering</i> , 2019, 182, 106307.	2.1	7
20	Symmetry controlled excited state dynamics. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 2283-2294.	1.3	13
21	Excited-State Topology Modifications of the Dihydroazulene Photoswitch Through Aromaticity. <i>ChemPhotoChem</i> , 2019, 3, 619-629.	1.5	10
22	Electronic Predissociation in the Dichloromethane Cation $\text{CH}_2\text{Cl}_2^{+}$ Electronic State $2A_1$ . <i>Journal of Physical Chemistry A</i> , 2019, 123, 4048-4056.	1.1	2
23	Tracing Production with Analytical Chemistry: Can Oil Finger Printing Provide New Answers. , 2019, , .		1
24	Vacuum ultraviolet excited state dynamics of small amides. <i>Journal of Chemical Physics</i> , 2019, 150, 054301.	1.2	7
25	The effect of organic acids and salinity on the interfacial tension of n-decane/ water systems. <i>Journal of Petroleum Science and Engineering</i> , 2019, 173, 1047-1052.	2.1	30
26	Solvent-dependent dual fluorescence of the push-pull system 2-diethylamino-7-nitrofluorene. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 5942-5951.	1.3	11
27	The consequences of two distinct reaction coordinates in the decomposition of the ethylamine cation conformers. <i>Chemical Physics Letters</i> , 2018, 701, 165-170.	1.2	0
28	Conformationally controlled ultrafast intersystem crossing in bithiophene systems. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 13412-13418.	1.3	3
29	Perspective: Preservation of coherence in photophysical processes. <i>Structural Dynamics</i> , 2018, 5, 060901.	0.9	3
30	Atmospheric chemistry of (Z)-CF <sub>3</sub> CH=CHCl: products and mechanisms of the Cl atom, OH radical and O <sub>3</sub> reactions, and role of (E)↔(Z) isomerization. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 27949-27958.	1.3	4
31	Determining Orientations of Optical Transition Dipole Moments Using Ultrafast X-ray Scattering. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 6556-6562.	2.1	36
32	Chemical Composition and Structure of Adsorbed Material on Pore Surfaces in Middle East Reservoir Rocks. <i>Energy &amp; Fuels</i> , 2018, 32, 11234-11242.	2.5	8
33	Vacuum ultraviolet excited state dynamics of the smallest ring, cyclopropane. II. Time-resolved photoelectron spectroscopy and <i>ab initio</i> dynamics. <i>Journal of Chemical Physics</i> , 2018, 149, 144311.	1.2	14
34	Time-Resolved Photoelectron Studies of Thiophene and 2,5-Dimethylthiophene. <i>Journal of Physical Chemistry A</i> , 2018, 122, 8809-8818.	1.1	1
35	Inverting the Selectivity of the Newman-Kwart Rearrangement via One Electron Oxidation at Room Temperature. <i>Journal of Organic Chemistry</i> , 2018, 83, 12000-12006.	1.7	24
36	Symmetry-induced kinetic isotope effects in the dissociation dynamics of CHCl <sub>3</sub> <sup>+</sup> and CHCl <sub>4</sub> <sup>+</sup> . <i>Chemical Physics</i> , 2018, 515, 375-380.	0.9	4

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37	Putting the Disulfide Bridge at Risk: How UV-Vis Radiation Leads to Ultrafast Rupture of the S-S Bond. <i>ChemPhysChem</i> , 2018, 19, 2829-2834.	1.0	3
38	A MALDI-TOF study of bio-remediation in highly weathered oil contaminated soils. <i>Journal of Petroleum Science and Engineering</i> , 2018, 168, 569-576.	2.1	20
39	Heavy-Atom-Substituted Nucleobases in Photodynamic Applications: Substitution of Sulfur with Selenium in 6-Thioguanine Induces a Remarkable Increase in the Rate of Triplet Decay in 6-Selenoguanine. <i>Journal of the American Chemical Society</i> , 2018, 140, 11214-11218.	6.6	48
40	Tuning and Tracking of Coherent Shear Waves in Molecular Films. <i>ACS Omega</i> , 2018, 3, 9929-9933.	1.6	4
41	Benzylic Thio and Seleno Newman-Kwart Rearrangements. <i>Journal of Organic Chemistry</i> , 2018, 83, 10786-10797.	1.7	9
42	Conformational Impact on Energy Storage Efficiency of Subphthalocyanine-Fullerene Hybrids. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6683-6692.	1.1	4
43	Croconamides: a new dual hydrogen bond donating motif for anion recognition and organocatalysis. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2784-2790.	1.5	23
44	Distortion dependent intersystem crossing: A femtosecond time-resolved photoelectron spectroscopy study of benzene, toluene, and p-xylene. <i>Structural Dynamics</i> , 2017, 4, 044008.	0.9	15
45	Coherent motion of excited state cyclic ketones: The have and the have-nots. <i>Chemical Physics Letters</i> , 2017, 683, 495-499.	1.2	3
46	Atmospheric chemistry of Z- and E-CF <sub>3</sub> CH=CHCF <sub>3</sub> . <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 735-750.	1.3	20
47	Revisiting the photophysics of 9-fluorenone: Ultrafast time-resolved fluorescence and theoretical studies. <i>Chemical Physics Letters</i> , 2017, 686, 218-222.	1.2	17
48	Conserving Coherence and Storing Energy during Internal Conversion: Photoinduced Dynamics of <i>cis</i> - and <i>trans</i> -Azobenzene Radical Cations. <i>Journal of Physical Chemistry A</i> , 2017, 121, 8642-8651.	1.1	18
49	Source identification of beached oil at Al Zubarah, Northwestern Qatar. <i>Journal of Petroleum Science and Engineering</i> , 2017, 149, 107-113.	2.1	24
50	Vibrational and condensed phase dynamics: general discussion. <i>Faraday Discussions</i> , 2016, 194, 747-775.	1.6	1
51	Electronic and non-adiabatic dynamics: general discussion. <i>Faraday Discussions</i> , 2016, 194, 209-257.	1.6	3
52	Characterization of petrophysical properties using pore-network and lattice-Boltzmann modelling: Choice of method and image sub-volume size. <i>Journal of Petroleum Science and Engineering</i> , 2016, 145, 256-265.	2.1	31
53	The effects of symmetry and rigidity on non-adiabatic dynamics in tertiary amines: a time-resolved photoelectron velocity-map imaging study of the cage-amine ABCO. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 9715-9723.	1.3	31
54	The involvement of triplet receiver states in the ultrafast excited state processes of small esters. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 24484-24497.	1.3	8

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55	Ultrafast relaxation dynamics of electronically excited piperidine: ionization signatures of Rydberg/valence evolution. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 25070-25079.	1.3	29
56	Transient IR Spectroscopic Observation of Singlet and Triplet States of 2-Nitrofluorene: Revisiting the Photophysics of Nitroaromatics. <i>Journal of Physical Chemistry A</i> , 2016, 120, 28-35.	1.1	20
57	The role of novel Rydberg-valence behaviour in the non-adiabatic dynamics of tertiary aliphatic amines. <i>Chemical Science</i> , 2016, 7, 1826-1839.	3.7	34
58	The competition between H <sub>2</sub> O and CO <sub>2</sub> adhesion at reservoir conditions: A DFT study of simple mineral models and the entropy, ZPE, dispersion and T, P variations. <i>Computational and Theoretical Chemistry</i> , 2015, 1073, 55-60.	1.1	5
59	Hydrocarbon Binding by Proteins: Structures of Protein Binding Sites for $10^4$ Linear Alkanes or Long-Chain Alkyl and Alkenyl Groups. <i>Journal of Organic Chemistry</i> , 2015, 80, 997-1005.	1.7	8
60	Internal conversion mediated by specific nuclear motions: The nitrogen inversion in amines. <i>Chemical Physics</i> , 2014, 442, 62-67.	0.9	10
61	The Non-Ergodic Nature of Internal Conversion. <i>ChemPhysChem</i> , 2014, 15, 249-259.	1.0	33
62	On the photostability of the disulfide bond: An electronic or a structural property?. <i>Chemical Physics</i> , 2014, 442, 77-80.	0.9	12
63	The Influence of Push-Pull States on the Ultrafast Intersystem Crossing in Nitroaromatics. <i>Journal of Physical Chemistry B</i> , 2013, 117, 9947-9955.	1.2	42
64	Conversion of Phenols into Selenophenols: Seleno Newman-Kwart Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12346-12349.	7.2	22
65	Synthetic and mechanistic insight into nosylation of glycine residues. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2288.	1.5	3
66	On the Condensed Phase Ring-Closure of Vinylheptafulvalene and Ring-Opening of Gaseous Dihydroazulene. <i>Journal of Physical Chemistry A</i> , 2013, 117, 3340-3347.	1.1	42
67	Pulling the Levers of Photophysics: How Structure Controls the Rate of Energy Dissipation. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2247-2250.	7.2	19
68	Titelbild: Pulling the Levers of Photophysics: How Structure Controls the Rate of Energy Dissipation ( <i>Angew. Chem.</i> 8/2013). <i>Angewandte Chemie</i> , 2013, 125, 2432-2432.	1.6	0
69	Quantum-dynamical Modeling of the Rydberg to Valence Excited-State Internal Conversion in Cyclobutanone and Cyclopentanone. <i>EPJ Web of Conferences</i> , 2013, 41, 02033.	0.1	0
70	Symmetry, vibrational energy redistribution and vibronic coupling: The internal conversion processes of cycloketones. <i>Journal of Chemical Physics</i> , 2012, 137, 22A522.	1.2	17
71	Surprising Intrinsic Photostability of the Disulfide Bridge Common in Proteins. <i>Journal of the American Chemical Society</i> , 2012, 134, 20279-20281.	6.6	20
72	Far-UV Photochemical Bond Cleavage of <i>n</i> -Amyl Nitrite: Bypassing a Repulsive Surface. <i>Journal of Physical Chemistry A</i> , 2012, 116, 810-819.	1.1	3

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73	The PaternÅ“BÅ¼chi reaction: importance of triplet states in the excited-state reaction pathway. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 8572.	1.3	14
74	Coherent Motion Reveals NonÅ“Ergodic Nature of Internal Conversion between Excited States. <i>ChemPhysChem</i> , 2012, 13, 820-827.	1.0	28
75	Initial Dynamics of The Norrish Type I Reaction in Acetone: Probing Wave Packet Motion. <i>Journal of Physical Chemistry A</i> , 2011, 115, 556-561.	1.1	18
76	Real-Time Probing of Structural Dynamics by Interaction between Chromophores. <i>Journal of Physical Chemistry A</i> , 2011, 115, 12120-12125.	1.1	16
77	Electrophilic organic selenium reagentsÅ“protonated seleninic acids as precursors for unsymmetrical aromatic selenides. <i>Tetrahedron</i> , 2011, 67, 2633-2643.	1.0	26
78	The influence of fragment size and intermediate barriers on competing near-identical simple cleavage reactions: A variational RRKM study. <i>International Journal of Mass Spectrometry</i> , 2011, 306, 175-181.	0.7	6
79	PseudoÅ“Bimolecular [2+2] Cycloaddition Studied by TimeÅ“Resolved Photoelectron Spectroscopy. <i>Chemistry - A European Journal</i> , 2011, 17, 3922-3931.	1.7	18
80	Computational investigation of photo induced processes in alkyl nitrites and the product alkoxy radicals. <i>Chemical Physics Letters</i> , 2010, 484, 113-118.	1.2	24
81	On the absorption of the phenolatechromophore in the green fluorescent proteinÅ“role of individual interactions. <i>Chemical Communications</i> , 2010, 46, 734-736.	2.2	17
82	Probing the Lifetimes of Internally Excited Amyl Nitrite Cations. <i>Journal of Physical Chemistry A</i> , 2010, 114, 7021-7025.	1.1	20
83	Interpretation of the Ultrafast Photoinduced Processes in Pentacene Thin Films. <i>Journal of the American Chemical Society</i> , 2010, 132, 3431-3439.	6.6	59
84	Sparing the orthoÅ“position in nucleophilic aromatic substitutionÅ“specific displacement of the 4Å“SePh group in 2,4Å“bis(phenylseleno)nitrobenzene. <i>Heteroatom Chemistry</i> , 2009, 20, 101-108.	0.4	9
85	Charge-resonance excitations in symmetric molecules Å“ Comparison of linear response DFT with CC3 for the excited states of a model dimer. <i>Chemical Physics Letters</i> , 2009, 478, 127-131.	1.2	11
86	Excited-State Ions in Femtosecond Time-Resolved Mass Spectrometry: An Investigation of Highly Excited Chloroamines. <i>Journal of Physical Chemistry A</i> , 2009, 113, 40-43.	1.1	10
87	Comment on Å“Theoretical Investigation of Perylene Dimers and Excimers and Their Signatures in X-Ray DiffractionÅ“. <i>Journal of Physical Chemistry A</i> , 2009, 113, 6849-6850.	1.1	10
88	New insights on the photodynamics of acetone excited with 253Å“288nm femtosecond pulses. <i>Chemical Physics Letters</i> , 2008, 461, 193-197.	1.2	34
89	Atmospheric photochemical loss of H and H2 from formaldehyde: the relevance of ultrafast processes. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 674-680.	1.3	21
90	Wave Packet Simulation of Nonadiabatic Dynamics in Highly Excited 1,3-Dibromopropane. <i>Journal of Physical Chemistry A</i> , 2008, 112, 10481-10486.	1.1	9

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91	Computational predictions regarding ultrafast bond breakage and conformational changes in aliphatic chloro-amines. <i>Computational and Theoretical Chemistry</i> , 2007, 811, 117-124.	1.5	6
92	Energy Flow and Fragmentation Dynamics of N,N-Dimethylisopropylamine. <i>Journal of Physical Chemistry A</i> , 2006, 110, 4251-4255.	1.1	51
93	Synthesis, Structure, and Properties of 4,7-Dimethoxybenzo[c]tellurophene: A Molecular Pyroelectric Material. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5666-5670.	7.2	10
94	Are Conical Intersections Responsible for the Ultrafast Processes of Adenine, Protonated Adenine, and the Corresponding Nucleosides?. <i>ChemPhysChem</i> , 2005, 6, 1276-1281.	1.0	80
95	Isomerization of the protonated acetone dimer in the gas phase. <i>Journal of Mass Spectrometry</i> , 2005, 40, 1076-1087.	0.7	8
96	Structure of Zone-Cast HBC $\alpha$ -C <sub>12</sub> H <sub>25</sub> Films. <i>Journal of the American Chemical Society</i> , 2005, 127, 11288-11293.	6.6	63
97	Competing Simple Cleavage Reactions: The Elimination of Alkyl Radicals from Amine Radical Cations. <i>Journal of the American Chemical Society</i> , 2005, 127, 6466-6475.	6.6	17
98	Structural Surprises in Friction-Deposited Films of Poly(tetrafluoroethylene). <i>Macromolecules</i> , 2005, 38, 2383-2390.	2.2	33
99	Control of Local Ionization and Charge Transfer in the Bifunctional Molecule 2-Phenylethyl-N,N-dimethylamine Using Rydberg Fingerprint Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2005, 109, 1920-1925.	1.1	46
100	Substituent effects on the stability of extended benzylic carbocations: a computational study of conjugation. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 2441.	1.5	16
101	Enhanced Mobility of Poly(3-hexylthiophene) Transistors by Spin-Coating from High-Boiling-Point Solvents. <i>Chemistry of Materials</i> , 2004, 16, 4772-4776.	3.2	878
102	Optoelectronic Properties of Quasi-Linear, Self-Assembled Platinum Complexes: Pt-Pt Distance Dependence. <i>Advanced Functional Materials</i> , 2004, 14, 323-328.	7.8	29
103	Macroscopic Alignment of Graphene Stacks by Langmuir-Blodgett Deposition of Amphiphilic Hexabenzocoronenes. <i>Langmuir</i> , 2004, 20, 4139-4146.	1.6	46
104	Induced Alignment of a Solution-Cast Discotic Hexabenzocoronene Derivative for Electronic Devices Investigated by Surface X-ray Diffraction. <i>Journal of the American Chemical Society</i> , 2003, 125, 2252-2258.	6.6	109
105	Dynamics of Molecules near Ionization. <i>Journal of Physical Chemistry A</i> , 2003, 107, 10872-10887.	1.1	24
106	Coherent Dynamics in Complex Elimination Reactions: Experimental and Theoretical Femtochemistry of 1,3-Dibromopropane and Related Systems. <i>Journal of Physical Chemistry A</i> , 2002, 106, 7530-7546.	1.1	20
107	Femtochemistry of Norrish Type-I Reactions: III. Highly Excited Ketones Theoretical. <i>ChemPhysChem</i> , 2002, 3, 57-78.	1.0	80
108	Femtochemistry of Norrish Type-I Reactions: IV. Highly Excited Ketones Experimental. <i>ChemPhysChem</i> , 2002, 3, 79-97.	1.0	72



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109	Femtochemistry of Norrish Type-I Reactions: III. Highly Excited Ketones—Theoretical. , 2002, 3, 57.		1
110	The retro-ene reaction of gaseous immonium ions revisitedElectronic supplementary information (ESI) available: Table s1 [G2(MP2) total energies of the involved species] and Table s2 [archive entries for MP2(full)/6-31G(d) optimised geometries]. See <a href="http://www.rsc.org/suppdata/p2/b1/b105386h">http://www.rsc.org/suppdata/p2/b1/b105386h</a> . Perkin Transactions II RSC, 2001, , 2324-2328.	1.1	7
111	A high-level ab initio investigation of identity and nonidentity gas-phase SN2 reactions of halide ions with halophosphines. International Journal of Mass Spectrometry, 2001, 210-211, 1-11.	0.7	26
112	A G2 Study of SH+ Exchange Reactions Involving Lone-Pair Donors and Unsaturated Hydrocarbons. Chemistry - A European Journal, 2001, 7, 1516-1524.	1.7	15
113	Exchange of Cl+ between Lone-Pair Donors and ĩ€-Donors: A Computational Study. European Journal of Mass Spectrometry, 2000, 6, 153-160.	0.5	8
114	Are the Approach Directions of ĩƒ and ĩ€ Nucleophiles to the Sulfur Atom of Thiiranium and Thiirenium Ions Different?. Chemistry - A European Journal, 2000, 6, 590-591.	1.7	9
115	Formation of three-membered phosphorus heterocycles via ligand-exchange reactions in mono-adducts of the phosphonium ion: an ab initio investigation. International Journal of Mass Spectrometry, 2000, 201, 205-213.	0.7	4
116	Methyl loss from conventional and distonic isomers of C3H7NĀ+. International Journal of Mass Spectrometry, 2000, 195-196, 459-466.	0.7	1
117	Exchange and insertion reactions involving borane adducts of phosphirane and phosphirene: a G2(MP2) ab initio investigation. Journal of Organometallic Chemistry, 1999, 580, 320-327.	0.8	12
118	Exchange reactions of chloriranium and chlorirenium ions: a G2 investigation. International Journal of Mass Spectrometry, 1999, 185-187, 263-270.	0.7	10
119	Are Pi-Ligand Exchange Reactions of Thiirenium and Thiiranium Ions Feasible? An Ab Initio Investigation. Chemistry - A European Journal, 1999, 5, 509-514.	1.7	27
120	A G2 Ab Initio Investigation of Ligand-Exchange Reactions Involving Mono- and Bis-Adducts of the Phosphonium Ion. Inorganic Chemistry, 1999, 38, 6049-6054.	1.9	23
121	The Proton Affinities of Imines and the Heats of Formation of Immonium Ions Investigated with Composite ab Initio Methods. Journal of the American Chemical Society, 1999, 121, 6002-6009.	6.6	39
122	Novel PiĀLigand Exchange and Insertion Reactions Involving Three-Membered Phosphorus Heterocycles:Ā An ab Initio Investigation. Journal of the American Chemical Society, 1998, 120, 7063-7068.	6.6	30
123	Quantification of Extracellular Dopamine Release in Schizophrenia and Cocaine Use by Means of TREMBLE 1 1Transcripts of the BRAINPET97 discussion of this chapter can be found in Section VIII.. , 1998, , 463-468.		7
124	Metaquat, a Paraquat Isomer Isolated from an Arrow Poison.. Acta Chemica Scandinavica, 1998, 52, 372-373.	0.7	3
125	The expulsion of alkyl radicals from the methyliumylaminomethyl radical cation, Ē™CH2NH2CH3+, and related distonic ions. Journal of the Chemical Society Perkin Transactions II, 1997, , 391-396.	0.9	5
126	Using Manganese Tetroxide for Hematite Settling Prevention in Water-Based Mud. Arabian Journal for Science and Engineering, 0, , 1.	1.7	2