

King-Chuen Lin

List of Publications by Year in Descending Order

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

256
papers

3,968
citations

32
h-index

45
g-index

268
ext. papers

4,682
ext. citations

4.2
avg, IF

6.02
L-index

#	Paper	IF	Citations
256	Recent Developments in Carbon-Based Nanocomposites for Fuel Cell Applications: A Review.. <i>Molecules</i> , 2022 , 27,	4.8	7
255	Graphitic carbon nitride for supercapacitor 2022 , 301-340		
254	Graphitic carbon nitride for photodegradation of dye <i>Molecules</i> 2022 , 97-140		
253	Development of Palladium on Bismuth Sulfide Nanorods as a Bifunctional Nanomaterial for Efficient Electrochemical Detection and Photoreduction of Hg(II) Ions.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	6
252	Study of cholesterol phase effect on the dynamics of DOPC and DPPC small vesicle membranes using single-molecule fluorescence correlation spectroscopy. <i>Journal of Molecular Liquids</i> , 2022 , 353, 118806	6	
251	Architecting 3D prism shaped carbon dots/germanium/germanium oxide nanohybrid for photocatalytic degradation of pendimethalin and dinotefuran pesticides. <i>Materials Today Chemistry</i> , 2022 , 24, 100913	6.2	0
250	Electrochemical sensor-based barium zirconate on sulphur-doped graphitic carbon nitride for the simultaneous determination of nitrofurantoin (antibacterial agent) and nilutamide (anticancer drug). <i>Journal of Electroanalytical Chemistry</i> , 2021 , 901, 115782	4.1	4
249	2D Fluorescence Correlation to Visualize Influence of Size Curvature and Phase Structure of Silica Nanoparticle-Supported Small Unilamellar Vesicle Membrane. <i>Journal of Molecular Liquids</i> , 2021 , 344, 117949	6	1
248	Beyond the rule of transition state: Identification of roaming routes in some cases of carbonyl compounds. <i>Journal of the Chinese Chemical Society</i> , 2021 , 68, 1358-1378	1.5	0
247	Zinc and Sulfur Codoped Iron Oxide Nanocubes Anchored on Carbon Nanotubes for the Detection of Antitubercular Drug Isoniazid. <i>ACS Applied Nano Materials</i> , 2021 , 4, 4562-4575	5.6	8
246	Palladium and silver nanoparticles embedded on zinc oxide nanostars for photocatalytic degradation of pesticides and herbicides. <i>Chemical Engineering Journal</i> , 2021 , 410, 128434	14.7	19
245	Effect of ammonia and water molecule on OH + CHOH reaction under tropospheric condition. <i>Scientific Reports</i> , 2021 , 11, 12185	4.9	2
244	Evanescent wave cavity ring-down spectroscopy based interfacial sensing of prostate-specific antigen. <i>Sensors and Actuators B: Chemical</i> , 2021 , 330, 129284	8.5	4
243	Halogen-related photodissociation in atmosphere: characterisation of atomic halogen, molecular halogen, and hydrogen halide. <i>International Reviews in Physical Chemistry</i> , 2021 , 40, 1-50	7	1
242	Efficient and green synthesis of silver nanocomposite using guar gum for voltammetric determination of diphenylamine. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 1289-1302 ²¹		3
241	Temperature effect on water dynamics in tetramer phosphofructokinase matrix and the super-arrhenius respiration rate. <i>Scientific Reports</i> , 2021 , 11, 383	4.9	1
240	Photodissociation of CHBrCHBrC(O)Cl at 248 nm: probing Br as the primary fragment using cavity ring-down spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 22492-22500	3.6	

239	Metal oxide-carbon nanocomposite-modified electrochemical sensors for toxic chemicals 2021 , 173-212		1
238	MnCo ₂ O ₄ Microflowers Anchored on P-Doped g-C ₃ N ₄ Nanosheets as an Electrocatalyst for Voltammetric Determination of the Antibiotic Drug Sulfadiazine. <i>ACS Applied Electronic Materials</i> , 2021 , 3, 3915-3926	4	9
237	Kinetic insights into ethynyl radical with isobutane and neopentane. <i>Theoretical Chemistry Accounts</i> , 2021 , 140, 1	1.9	0
236	Polyol-assisted synthesis of spinel-type magnesium cobalt oxide nanochains for voltammetric determination of the antipsychotic drug thioridazine. <i>Journal of Electroanalytical Chemistry</i> , 2021 , 898, 115600	4.1	2
235	Probing BrCl from photodissociation of CHBrCl and CHBrCl at 248 nm using cavity ring-down spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 6098-6106	3.6	1
234	Internet of Things-Enabled Aggregation-Induced Emission Probe for Cu Ions: Comprehensive Investigations and Three-Dimensional Printed Portable Device Design. <i>ACS Omega</i> , 2020 , 5, 32761-32768	3.9	5
233	UV Photodissociation of Halothane in a Focused Molecular Beam: Space-Speed Slice Imaging of Competitive Bond Breaking into Spin-Orbit-Selected Chlorine and Bromine Atoms. <i>Journal of Physical Chemistry A</i> , 2020 , 124, 5288-5296	2.8	4
232	Roaming Dynamics and Conformational Memory in Photolysis of Formic Acid at 193 nm Using Time-resolved Fourier-transform Infrared Emission Spectroscopy. <i>Scientific Reports</i> , 2020 , 10, 4769	4.9	9
231	Research Progress on Porous Carbon Supported Metal/Metal Oxide Nanomaterials for Supercapacitor Electrode Applications. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 6347-6374	3.9	63
230	Photochemically Synthesized Ruthenium Nanoparticle-Decorated Carbon-Dot Nanochains: An Efficient Catalyst for Synergistic Redox Reactions. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 13759-13769	3.5	49
229	Carbon Dot Nanoparticles Exert Inhibitory Effects on Human Platelets and Reduce Mortality in Mice with Acute Pulmonary Thromboembolism. <i>Nanomaterials</i> , 2020 , 10,	5.4	5
228	Computational and Experimental Analysis of Carbon Functional Nanomaterials 2020 , 269-311		
227	Fabrication of Platinum/Ruthenium Nanoparticle-Decorated Porous Carbons: Voltammetric Sensing of Furazolidone. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 3591-3605	8.3	35
226	An overview of palladium supported on carbon-based materials: Synthesis, characterization, and its catalytic activity for reduction of hexavalent chromium. <i>Chemosphere</i> , 2020 , 253, 126750	8.4	20
225	Ultrafine gold nanoparticle embedded poly(diallyldimethylammonium chloride)/graphene oxide hydrogels for voltammetric determination of an antimicrobial drug (metronidazole). <i>Journal of Materials Chemistry C</i> , 2020 , 8, 7575-7590	7.1	20
224	Non-invasive and Time-dependent Blood-sugar Monitoring via Breath-derived CO Correlation Using Gas Chromatograph with a Milli-whistle Gas Analyzer. <i>Analytical Sciences</i> , 2020 , 36, 739-743	1.7	2
223	Sr-Doped NiO ₃ nanorods synthesized by a simple sonochemical method as excellent materials for voltammetric determination of quercetin. <i>New Journal of Chemistry</i> , 2020 , 44, 2821-2832	3.6	18
222	Recent Advances in Functionalized Carbon Dots toward the Design of Efficient Materials for Sensing and Catalysis Applications. <i>Small</i> , 2020 , 16, e1905767	11	110

221	Ultrafine Bi-Sn nanoparticles decorated on carbon aerogels for electrochemical simultaneous determination of dopamine (neurotransmitter) and clozapine (antipsychotic drug). <i>Nanoscale</i> , 2020 , 12, 22217-22233	7.7	9
220	-Derived Carbon Dots as Nanocarriers to Deliver Methotrexate for Effective Therapy of Cancer Cells.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 8786-8794	4.1	3
219	Highly Selective Voltammetric Sensor for L-Tryptophan Using Composite-Modified Electrode Composed of CuSn(OH) ₆ Microsphere Decorated on Reduced Graphene Oxide. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 25821-25834	3.8	8
218	Gold Nanoparticle Embedded on a Reduced Graphene Oxide/polypyrrole Nanocomposite: Voltammetric Sensing of Furazolidone and Flutamide. <i>Langmuir</i> , 2020 , 36, 13949-13962	4	22
217	Paper flower-derived porous carbons with high-capacitance by chemical and physical activation for sustainable applications. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 2995-3007	5.9	19
216	Pyrene-Based Chemosensor for Picric Acid-Fundamentals to Smartphone Device Design. <i>Analytical Chemistry</i> , 2019 , 91, 13244-13250	7.8	25
215	Vectorial imaging of the photodissociation of 2-bromobutane oriented via hexapolar state selection. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 14164-14172	3.6	5
214	Binder-Free Modification of a Glassy Carbon Electrode by Using Porous Carbon for Voltammetric Determination of Nitro Isomers. <i>ACS Omega</i> , 2019 , 4, 8907-8918	3.9	12
213	Catalytic Activity of Bimetallic (Ruthenium/Palladium) Nano-alloy Decorated Porous Carbons Toward Reduction of Toxic Compounds. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 2662-2675	4.5	19
212	Stereodynamic Imaging of Bromine Atomic Photofragments Eliminated from 1-Bromo-2-methylbutane Oriented via Hexapole State Selector. <i>Journal of Physical Chemistry A</i> , 2019 , 123, 6635-6644	2.8	2
211	Pyrene-based prospective biomaterial: In vitro bioimaging, protein binding studies and detection of bilirubin and Fe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 221, 117150-117154	4.4	15
210	Multifunctional Nanohybrid of Palladium Nanoparticles Encapsulated by Carbon-Dots for Exploiting Synergetic Applications. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1900361	4.6	5
209	Voltammetric determination of vitamin B by using a highly porous carbon electrode modified with palladium-copper nanoparticles. <i>Mikrochimica Acta</i> , 2019 , 186, 299	5.8	20
208	Functionalized Mesoporous Carbon Nanostructures for Efficient Removal of Eriochrome Black-T from Aqueous Solution. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 1305-1321	2.8	19
207	Photodissociation of CHBr using cavity ring-down spectroscopy: in search of a BrI elimination channel. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 13943-13949	3.6	3
206	Application of Nanocomposites for Photocatalytic Removal of Dye Contaminants 2019 , 131-161		2
205	Three-dimensional zinc oxide nanostars anchored on graphene oxide for voltammetric determination of methyl parathion. <i>Mikrochimica Acta</i> , 2019 , 187, 17	5.8	27
204	Fluorescence turn-on chemosensors based on surface-functionalized MoS ₂ quantum dots. <i>Sensors and Actuators B: Chemical</i> , 2019 , 281, 659-669	8.5	19

203	Catalytic effect of a single water molecule on the OH + CHNH reaction. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 4297-4307	3.6	26
202	Activated porous carbon supported rhenium composites as electrode materials for electrocatalytic and supercapacitor applications. <i>Electrochimica Acta</i> , 2018 , 271, 433-447	6.7	25
201	Voltammetric determination of catechol and hydroquinone using nitrogen-doped multiwalled carbon nanotubes modified with nickel nanoparticles. <i>Mikrochimica Acta</i> , 2018 , 185, 395	5.8	27
200	Roaming signature in photodissociation of carbonyl compounds. <i>International Reviews in Physical Chemistry</i> , 2018 , 37, 217-258	7	10
199	Multisensing Capability of MoSe2 Quantum Dots by Tuning Surface Functional Groups. <i>ACS Applied Nano Materials</i> , 2018 , 1, 3453-3463	5.6	17
198	Aptamer-based fluorogenic sensing of interferon-gamma probed with ReS2 and TiS2 nanosheets. <i>Sensors and Actuators B: Chemical</i> , 2018 , 258, 929-936	8.5	16
197	Low-cost palladium decorated on m-aminophenol-formaldehyde-derived porous carbon spheres for the enhanced catalytic reduction of organic dyes. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 354-363	6.8	24
196	Highly sensitive fluorogenic sensing of L-Cysteine in live cells using gelatin-stabilized gold nanoparticles decorated graphene nanosheets. <i>Sensors and Actuators B: Chemical</i> , 2018 , 259, 339-346	8.5	40
195	A Metal-Free Carbon-Based Catalyst: An Overview and Directions for Future Research. <i>Journal of Carbon Research</i> , 2018 , 4, 54	3.3	16
194	Cavity Ring-Down Absorption Spectroscopy: Optical Characterization of ICl Product in Photodissociation of CHCl at 248 nm. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 8344-8353	2.8	2
193	Simple Preparation of Porous Carbon-Supported Ruthenium: Propitious Catalytic Activity in the Reduction of Ferrocyanate(III) and a Cationic Dye. <i>ACS Omega</i> , 2018 , 3, 12609-12621	3.9	19
192	Ultrathin Sulfur-Doped Graphitic Carbon Nitride Nanosheets As Metal-Free Catalyst for Electrochemical Sensing and Catalytic Removal of 4-Nitrophenol. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 16021-16031	8.3	74
191	Metal Nanoparticles Anchored on Rhenium Disulfide Nanosheets as Catalysts for the Reduction of Aromatic Nitro Compounds. <i>ChemNanoMat</i> , 2018 , 4, 1262-1269	3.5	4
190	Ultrathin 2D graphitic carbon nitride nanosheets decorated with silver nanoparticles for electrochemical sensing of quercetin. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 826, 207-216	4.1	28
189	Roaming and chaotic behaviors in collisional and photo-initiated molecular-beam reactions: a role of classical vs. quantum nonadiabatic dynamics. <i>Rendiconti Lincei</i> , 2018 , 29, 219-232	1.7	5
188	Silver Nanoparticles Modified Graphitic Carbon Nitride Nanosheets as a Significant Bifunctional Material for Practical Applications. <i>ChemistrySelect</i> , 2017 , 2, 1398-1408	1.8	10
187	AIE Nanodots Obtained from a Pyrene Schiff Base and Their Applications. <i>ChemistrySelect</i> , 2017 , 2, 1353-1359	1.8	10
186	3D Probed Lipid Dynamics in Small Unilamellar Vesicles. <i>Small</i> , 2017 , 13, 1603408	11	8

185	Stereodirectional images of molecules oriented by a variable-voltage hexapolar field: Fragmentation channels of 2-bromobutane electronically excited at two photolysis wavelengths. <i>Journal of Chemical Physics</i> , 2017 , 147, 013917	3.9	13
184	Biomass Derived Sheet-like Carbon/Palladium Nanocomposite: An Excellent Opportunity for Reduction of Toxic Hexavalent Chromium. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 5302-5312	8.3	62
183	Graphene Oxide Nanosheets as An Efficient and Reusable Sorbents for Eosin Yellow Dye Removal from Aqueous Solutions. <i>ChemistrySelect</i> , 2017 , 2, 3598-3607	1.8	14
182	Two-color resonant two-photon ionization and mass-analyzed threshold ionization spectroscopy of 4-chlorostyrene. <i>Chemical Physics Letters</i> , 2017 , 682, 34-37	2.5	6
181	Cl Elimination in 248 nm Photolysis of (COCl) Probed with Cavity Ring-Down Absorption Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 2888-2895	2.8	5
180	Angular distribution of bromine atomic photofragment in oriented 2-bromobutane via hexapole state selector 2017 ,		1
179	Computational Studies of Versatile Heterogeneous Palladium-Catalyzed Suzuki, Heck, and Sonogashira Coupling Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 8475-8490	8.3	38
178	Well-dispersed rhenium nanoparticles on three-dimensional carbon nanostructures: Efficient catalysts for the reduction of aromatic nitro compounds. <i>Journal of Colloid and Interface Science</i> , 2017 , 506, 271-282	9.3	36
177	Ultra-sensitive DNA sensing of a prostate-specific antigen based on 2D nanosheets in live cells. <i>Nanoscale</i> , 2017 , 9, 12087-12095	7.7	26
176	Light-Controlled Photochemical Synthesis of Gelatin-Capped Gold Nanoparticles for Spectral Activity and Electro-oxidation of Quercetin. <i>ChemElectroChem</i> , 2017 , 4, 2842-2851	4.3	7
175	Role of cooperative network interaction in transition region of roaming reactions: Non-equilibrium steady state vs. thermal equilibrium reaction scheme 2017 ,		1
174	Photodissociation of CHCHO at 248 nm: identification of the channels of roaming, triple fragmentation and the transition state. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 18628-18634	3.6	19
173	Coordinate Analysis for Interpreting the Decoherence in the Coherent NO with Ar Collision: A Physico-mathematical Picture Using the Stereographic Projection and the Cusp Catastrophe. <i>Journal of the Chinese Chemical Society</i> , 2017 , 64, 25-35	1.5	2
172	Silicon Quantum Dot-Based Fluorescence Turn-On Metal Ion Sensors in Live Cells. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 23953-62	9.5	39
171	Rovibrationally Excited Molecules on the Verge of a Triple Breakdown: Molecular and Roaming Mechanisms in the Photodecomposition of Methyl Formate. <i>Journal of Physical Chemistry A</i> , 2016 , 120, 5155-62	2.8	20
170	Regulation of nonadiabatic processes in the photolysis of some carbonyl compounds. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 6980-95	3.6	11
169	Unravelling the Multiple Emissive States in Citric-Acid-Derived Carbon Dots. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 1252-1261	3.8	187
168	Stereodirectional photodynamics: Experimental and theoretical perspectives 2016 ,		6

167	Rotational state-selection and alignment of chiral molecules by electrostatic hexapoles 2016 ,		5
166	Hexapole-Oriented Asymmetric-Top Molecules and Their Stereodirectional Photodissociation Dynamics. <i>Journal of Physical Chemistry A</i> , 2016 , 120, 5389-98	2.8	20
165	Biomass-Derived Activated Carbon Supported Fe ₃ O ₄ Nanoparticles as Recyclable Catalysts for Reduction of Nitroarenes. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 6772-6782	8.3	91
164	Characterization of molecular channel in photodissociation of SOCl ₂ at 248 nm: Cl ₂ probing by cavity ring-down absorption spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 7838-47	3.6	8
163	Roaming as the dominant mechanism for molecular products in the photodissociation of large aliphatic aldehydes. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 23112-20	3.6	27
162	Insight into photofragment vector correlation by a multi-center impulsive model. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 19592-601	3.6	6
161	Dynamical, spectroscopic and computational imaging of bond breaking in photodissociation: roaming and role of conical intersections. <i>Faraday Discussions</i> , 2015 , 177, 77-98	3.6	33
160	Highly stable ruthenium nanoparticles on 3D mesoporous carbon: an excellent opportunity for reduction reactions. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 23448-23457	13	34
159	Metal ion induced fluorescence resonance energy transfer between crown ether functionalized quantum dots and rhodamine B: selectivity of K ⁺ ion. <i>RSC Advances</i> , 2015 , 5, 4926-4933	3.7	8
158	Stereodynamics: From elementary processes to macroscopic chemical reactions 2015 ,		4
157	Photodissociation of methyl formate: Conical intersections, roaming and triple fragmentation 2015 ,		1
156	Communication: photodissociation of CH ₃ CHO at 308 nm: observation of H-roaming, CH ₃ -roaming, and transition state pathways together along the ground state surface. <i>Journal of Chemical Physics</i> , 2015 , 142, 041101	3.9	25
155	Dynamics of chemical bond: general discussion. <i>Faraday Discussions</i> , 2015 , 177, 121-54	3.6	8
154	Chemically induced fluorescence switching of carbon-dots and its multiple logic gate implementation. <i>Scientific Reports</i> , 2015 , 5, 10012	4.9	78
153	Insight into the photodissociation dynamical feature of conventional transition state and roaming pathways by an impulsive model. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 29-38	2.8	19
152	Roads leading to roam. Role of triple fragmentation and of conical intersections in photochemical reactions: experiments and theory on methyl formate. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 2854-65	3.6	41
151	Directions of chemical change: experimental characterization of the stereodynamics of photodissociation and reactive processes. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 9776-90	3.6	32
150	Molecular halogen elimination from halogen-containing compounds in the atmosphere. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 7184-98	3.6	11

149	Photodissociation of Propionaldehyde at 248 nm: Roaming Pathway as an Increasingly Important Role in Large Aliphatic Aldehydes. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 190-5	6.4	32
148	Photodissociation of CH ₃ CHO at 248 nm by time-resolved Fourier-transform infrared emission spectroscopy: verification of roaming and triple fragmentation. <i>Journal of Chemical Physics</i> , 2014 , 140, 064313	3.9	21
147	Laser-induced Breakdown Spectroscopy of Liquid Droplets Based on Plasma-induced Current Correlation. <i>Journal of the Chinese Chemical Society</i> , 2014 , 61, 175-186	1.5	5
146	DNA interaction probed by evanescent wave cavity ring-down absorption spectroscopy via functionalized gold nanoparticles. <i>Analytica Chimica Acta</i> , 2014 , 820, 1-8	6.6	3
145	Effective Four-Center Model for the Photodissociation Dynamics of Methyl Formate. <i>Lecture Notes in Computer Science</i> , 2014 , 452-467	0.9	5
144	Aligned molecules: chirality discrimination in photodissociation and in molecular dynamics. <i>Rendiconti Lincei</i> , 2013 , 24, 299-308	1.7	33
143	Interfacial Electron Transfer from CdSe/ZnS Quantum Dots to TiO ₂ Nanoparticles: Linker Dependence at Single Molecule Level. <i>Electroanalysis</i> , 2013 , 25, 1064-1073	3	5
142	Decoherence cross-section in NO + Ar collisions: experimental results and a simple model. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 8119-25	2.8	2
141	Photodissociation of gaseous CH ₃ COSH at 248 nm by time-resolved Fourier-transform infrared emission spectroscopy: observation of three dissociation channels. <i>Journal of Chemical Physics</i> , 2013 , 138, 014302	3.9	13
140	Alignment selection of the metastable CO(α 3 Π) molecule and the steric effect in the aligned CO(α 3 Π) + NO collision. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 8157-62	2.8	6
139	Note: Photodissociation of CH ₃ COCN at 308 nm by time-resolved Fourier-transform infrared emission spectroscopy: is CO a primary or secondary product?. <i>Journal of Chemical Physics</i> , 2013 , 138, 246102	3.9	3
138	Competitive bond rupture in the photodissociation of bromoacetyl chloride and 2- and 3-bromopropionyl chloride: adiabatic versus diabatic dissociation. <i>ChemPhysChem</i> , 2013 , 14, 936-45	3.2	4
137	Interaction between crystal violet and anionic surfactants at silica/water interface using evanescent wave-cavity ring-down absorption spectroscopy. <i>Journal of Colloid and Interface Science</i> , 2012 , 379, 41-7	9.3	6
136	Rotational energy transfer of SH($X^2\Sigma^+ v''=0, J''=0.5-10.5$) by collision with Ar: Edoublet resolved transition propensity. <i>ChemPhysChem</i> , 2012 , 13, 274-80	3.2	
135	Reaction Dynamics with Molecular Beams and Oriented Molecular Beams: A Tool for Looking Closer to Chemical Reactions and Photodissociations. <i>Journal of the Chinese Chemical Society</i> , 2012 , 59, 567-582	1.5	4
134	Interfacial electron transfer from CdSe/ZnS quantum dots to TiO ₂ nanoparticles: size dependence at the single-molecule level. <i>ChemPhysChem</i> , 2012 , 13, 2711-20	3.2	4
133	Gas-phase photodissociation of CH ₃ COCN at 308 nm by time-resolved Fourier-transform infrared emission spectroscopy. <i>Journal of Chemical Physics</i> , 2012 , 136, 044302	3.9	16
132	Molecular elimination of Br ₂ in photodissociation of CH ₂ BrC(O)Br at 248 nm using cavity ring-down absorption spectroscopy. <i>Journal of Chemical Physics</i> , 2012 , 137, 214304	3.9	5

131	Gas-phase photodissociation of CH ₃ CHBrCOCl at 248 nm: detection of molecular fragments by time-resolved FT-IR spectroscopy. <i>ChemPhysChem</i> , 2011 , 12, 206-16	3.2	10
130	Hydrogen-Bonding-Induced One-Handed Helical Polynorbornenes Appended With Chiral Alanineglad. <i>Macromolecular Chemistry and Physics</i> , 2011 , 212, 2328-2338	2.6	2
129	Orientation dependence for Br formation in the reaction of oriented OH radical with HBr molecule. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 1419-23	3.6	30
128	Doublet rotational energy transfer of the SH ($X \ \Pi \ v''=0$) state by collisions with Ar. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 8857-68	3.6	1
127	Molecular elimination of methyl formate in photolysis at 234 nm: roaming vs. transition state-type mechanism. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 7154-61	3.6	29
126	Vibrationally selective radiative and non-radiative transitions in gaseous hydrogen molecules. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011 , 79, 396-9	4.4	
125	Br ₂ molecular elimination in photolysis of (COBr) ₂ at 248 nm by using cavity ring-down absorption spectroscopy: a photodissociation channel being ignored. <i>Journal of Chemical Physics</i> , 2011 , 135, 234308 ^{3,9}		11
124	Quasiclassical trajectory calculations for Li(2(2)P(J)) + H ₂ → LiH(X(1)Σ) + H: influence by vibrational excitation and translational energy. <i>Journal of Chemical Physics</i> , 2011 , 134, 034119	3.9	14
123	I ₂ molecular elimination in single-photon dissociation of CH ₂ I ₂ at 248 nm by using cavity ring-down absorption spectroscopy. <i>Journal of Chemical Physics</i> , 2011 , 134, 034315	3.9	17
122	Elimination mechanisms of Br(2)+ and Br+ in photodissociation of 1,1- and 1,2-dibromoethylenes using velocity imaging technique. <i>Journal of Chemical Physics</i> , 2011 , 134, 194312	3.9	11
121	Photoinduced electron transfer of oxazine 1/TiO ₂ nanoparticles at single molecule level by using confocal fluorescence microscopy. <i>Langmuir</i> , 2010 , 26, 9050-60	4	7
120	Photodissociation of cis-, trans-, and 1,1-dichloroethylene in the ultraviolet range: characterization of Cl(2)P(J) elimination. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 37-44	2.8	6
119	Photodissociation of gaseous acetyl chloride at 248 nm by time-resolved Fourier-transform infrared spectroscopy: the HCl, CO, and CH ₂ product channels. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 7275-83 ^{2,8}		21
118	Fine structure-resolved rotational energy transfer of SH (A(2)Sigma(+), v' = 0) state by collisions with Ar. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 1162-71	3.6	3
117	Kinetic and thermodynamic investigation of rhodamine B adsorption at solid/solvent interfaces by use of evanescent-wave cavity ring-down spectroscopy. <i>Analytical Chemistry</i> , 2010 , 82, 868-77	7.8	27
116	Orientation dependence in the four-atom reaction of OH + HBr using the single-state oriented OH radical beam. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 2532-4	3.6	30
115	Photodissociation of gaseous propionyl chloride at 248 nm by time-resolved Fourier-transform infrared spectroscopy. <i>Chemical Physics</i> , 2010 , 376, 1-9	2.3	11
114	Photodissociation of (ICN) ₂ van der Waals dimer using velocity imaging technique. <i>Journal of Chemical Physics</i> , 2009 , 130, 214305	3.9	8

113	Photodissociation dynamics of propionyl chloride in the ultraviolet region. <i>Journal of Chemical Physics</i> , 2009 , 130, 014307	3.9	16
112	Photodissociation of dibromoethanes at 248 nm: an ignored channel of Br ₂ elimination. <i>Journal of Chemical Physics</i> , 2009 , 130, 184308	3.9	22
111	Probing the ignored elimination channel of Br ₂ in the 248 nm photodissociation of 1,1-dibromoethylene by cavity ring-down absorption spectroscopy. <i>ChemPhysChem</i> , 2009 , 10, 672-9	3.2	8
110	Nonadiabatic transition in the A-band photodissociation of ethyl iodide from 294 to 308 nm by using velocity imaging detection. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 35-9	2.8	15
109	Polymeric ladderphanes. <i>Journal of the American Chemical Society</i> , 2009 , 131, 12579-85	16.4	65
108	Photodissociation dynamics of bromofluorobenzenes using velocity imaging technique. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 1421-9	2.8	20
107	Rotational and vibrational state distributions of NaH in the reactions of Na(4 (2)S,3 (2)D, and 6 (2)S) with H ₂ : Insertion versus harpoon-type mechanisms. <i>Journal of Chemical Physics</i> , 2008 , 128, 234309	3.9	15
106	(1+1) Resonance-enhanced multiphoton ionization and photodissociation study of CS ₂ via the 1B ₂ state. <i>ChemPhysChem</i> , 2008 , 9, 422-30	3.2	6
105	Spin-resolved rotational energy transfer for the CH B 2Sigma-(v=0, N, F) state by collisions with Ar. <i>ChemPhysChem</i> , 2008 , 9, 572-8	3.2	6
104	Halogen effect on the photodissociation mechanism for gas-phase bromobenzene and iodobenzene. <i>ChemPhysChem</i> , 2008 , 9, 1130-6	3.2	34
103	Photodissociation of 1,2-dibromoethylene at 248 nm: Br ₂ molecular elimination probed by cavity ring-down absorption spectroscopy. <i>ChemPhysChem</i> , 2008 , 9, 1137-45	3.2	11
102	Photodissociation of dibromobenzenes at 266 nm by the velocity imaging technique. <i>ChemPhysChem</i> , 2008 , 9, 1721-8	3.2	7
101	Laser-induced breakdown spectroscopy in analysis of Al ³⁺ liquid droplets: on-line preconcentration by use of flow-injection manifold. <i>Analytica Chimica Acta</i> , 2007 , 581, 303-8	6.6	26
100	Productions of I, I*, and C ₂ H ₅ in the A-band photodissociation of ethyl iodide in the wavelength range from 245 to 283 nm by using ion-imaging detection. <i>Journal of Chemical Physics</i> , 2007 , 126, 064302-9	3.9	44
99	Dynamical and stereodynamical studies of alkaline-earth atom-molecule reactions. <i>International Reviews in Physical Chemistry</i> , 2007 , 26, 289-352	7	9
98	Br ₂ molecular elimination in 248 nm photolysis of CHBr ₂ Cl by using cavity ring-down absorption spectroscopy. <i>Journal of Chemical Physics</i> , 2007 , 126, 034311	3.9	20
97	Characterization of two types of silanol groups on fused-silica surfaces using evanescent-wave cavity ring-down spectroscopy. <i>Analytical Chemistry</i> , 2007 , 79, 3654-61	7.8	41
96	Photoinduced Electron Transfer in Silylene-Spaced Copolymers Having Alternating Donor/Acceptor Chromophores. <i>Macromolecules</i> , 2007 , 40, 2666-2671	5.5	39

95	Vibrational and rotational energy transfers involving the CH B 2Sigma(-) v=1 vibrational level in collisions with Ar, CO, and N2O. <i>Journal of Chemical Physics</i> , 2006 , 124, 144302	3.9	9
94	Molecular adsorption at silica/CH3CN interface probed by using evanescent wave cavity ring-down absorption spectroscopy: determination of thermodynamic properties. <i>Analytical Chemistry</i> , 2006 , 78, 3583-90	7.8	18
93	Reaction dynamics of Ca(4s3d 1D2)+CH4-->CaH(X 2Sigma+)+CH3: reaction pathway and energy disposal for the CaH product. <i>Journal of Chemical Physics</i> , 2006 , 124, 024304	3.9	3
92	248 nm photolysis of CH2Br2 by using cavity ring-down absorption spectroscopy: Br2 molecular elimination at room temperature. <i>Journal of Chemical Physics</i> , 2006 , 125, 133319	3.9	27
91	Catalytic isomerization of quadricyclane using fourier transform near-infrared absorption spectroscopy: diffusion, conversion, and temperature effect. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 5563-9	3.4	3
90	Multiple-element detection in aqueous solution and seawater by using an on-line preconcentration method for inductively coupled plasma mass spectrometry. <i>Analytical Sciences</i> , 2006 , 22, 1375-8	1.7	5
89	Laser-induced breakdown spectroscopy of liquid droplets: correlation analysis with plasma-induced current versus continuum background. <i>Journal of Analytical Atomic Spectrometry</i> , 2005 , 20, 53	3.7	22
88	Continuum and discrete pulsed cavity ring down laser absorption spectra of Br2 vapor. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005 , 61, 2115-20	4.4	2
87	Uncertainty propagation through correction methodology for the determination of rare earth elements by quadrupole based inductively coupled plasma mass spectrometry. <i>Analytica Chimica Acta</i> , 2005 , 530, 91-103	6.6	27
86	Mathematical Correction for Polyatomic Isobaric Spectral Interferences in Determination of Lanthanides by Inductively Coupled Plasma Mass Spectrometry. <i>Journal of the Chinese Chemical Society</i> , 2005 , 52, 589-597	1.5	11
85	Br2 elimination in 248-nm photolysis of CF2Br2 probed by using cavity ring-down absorption spectroscopy. <i>Journal of Chemical Physics</i> , 2005 , 123, 134312	3.9	24
84	Influence of vibrational excitation on the nonadiabatic reactions of metal atoms with H2. <i>Journal of Chemical Physics</i> , 2005 , 123, 121101	3.9	1
83	Reaction pathway for the nonadiabatic reaction of Ca(4s3d 1D)+H2-->CaH(X 2Sigma+)+H. <i>Journal of Chemical Physics</i> , 2005 , 122, 84315	3.9	3
82	Reaction pathway and potential barrier for the CaH product in the reaction of Ca(4s4p1P1) + H2 --> CaH(X2Sigma+) + H. <i>Journal of Chemical Physics</i> , 2004 , 120, 2774-9	3.9	5
81	Molecular elimination of Br2 in 248 nm photolysis of bromoform probed by using cavity ring-down absorption spectroscopy. <i>Journal of Chemical Physics</i> , 2004 , 121, 5253-60	3.9	42
80	A3Pi1u. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004 , 60, 1889-93	4.4	5
79	Matrix effect on emission/current correlated analysis in laser-induced breakdown spectroscopy of liquid droplets. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2004 , 59, 321-326	3.1	33
78	Kinetics of Catalytic Isomerization of Quadricyclane to Norbornadiene Using Near Infrared Absorption Spectroscopy: Conversion Rate and Diffusion Motion in Heterogeneous Reaction. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 9364-9370	3.4	8

77	Determination of lanthanides in rock samples by inductively coupled plasma mass spectrometry using thorium as oxide and hydroxide correction standard. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2003 , 58, 809-822	3.1	38
76	Two-dimensional correlation analysis in application to a kinetic model of parallel reactions. <i>Applied Spectroscopy</i> , 2003 , 57, 168-75	3.1	4
75	Two-dimensional correlation analysis for a kinetic model of consecutive reactions. <i>Applied Spectroscopy</i> , 2003 , 57, 1070-7	3.1	3
74	Reaction pathway and energy disposal of the CaH product in the reaction of $\text{Ca}(4s4p\ 1P1)+\text{CH}_4\rightarrow\text{CaH}(X\ 2\text{H})+\text{CH}_3$. <i>Journal of Chemical Physics</i> , 2003 , 118, 4938-4944	3.9	4
73	Influence of vibrational excitation on the reaction $\text{Li}(2\ 2P_J)+\text{H}_2(v=1)\rightarrow\text{LiH}(X\ 1\text{H})+\text{H}$. <i>Journal of Chemical Physics</i> , 2003 , 119, 8785-8789	3.9	25
72	The correlation between ion production and emission intensity in the laser-induced breakdown spectroscopy of liquid droplets. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2002 , 57, 35-48	3.1	43
71	Alkali-hydrogen reactions. <i>International Reviews in Physical Chemistry</i> , 2002 , 21, 357-383	7	38
70	Matrix Effect of Alkali and Alkaline Earth Metal Halides on Fluorescence Quantum Yield of Indium in Laser-Induced Fluorescence Flame Spectrometry. <i>Journal of the Chinese Chemical Society</i> , 2002 , 49, 483-488	1.5	1
69	Mass-Analyzed Threshold Ionization Spectroscopy of o-, m-, and p-Methylaniline Cations: Vicinal Substitution Effects on Electronic Transition, Ionization, and Molecular Vibration. <i>Journal of Physical Chemistry A</i> , 2002 , 106, 6462-6468	2.8	37
68	Fourier Transform Near-Infrared Absorption Spectroscopic Study of Catalytic Isomerization of Quadricyclane to Norbornadiene by Copper(II) and Tin(II) Salts. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 132-136	3.4	13
67	Detection of iron species using inductively coupled plasma mass spectrometry under cold plasma temperature conditions. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2001 , 56, 123-128	3.1	54
66	Laser-enhanced ionization and laser-induced atomic fluorescence as element-specific detection methods for gas chromatography. Application to organotin analysis. <i>Journal of Chromatography A</i> , 2001 , 921, 247-53	4.5	5
65	The hetero Diels-Alder reactions of masked o-benzoquinones with nitroso compounds. <i>Chemical Communications</i> , 2001 , 1624-5	5.8	6
64	Application of Laser-Enhanced Ionization Spectroscopy: Effect of Dissociation Constant on the Atomization Efficiency Determination in an Acetylene-Air Flame. <i>Journal of the Chinese Chemical Society</i> , 2001 , 48, 977-981	1.5	
63	Ionization and dissociation mechanisms of ketene using resonance-enhanced multiphoton ionization mass spectrometer: (2+2) versus (2+1) schemes. <i>Journal of Chemical Physics</i> , 2001 , 115, 7429-7435	3.9	3
62	Reaction pathway, energy barrier, and rotational state distribution for $\text{Li}(2\ 2P_J)+\text{H}_2\rightarrow\text{LiH}(X\ 1\text{H})+\text{H}$. <i>Journal of Chemical Physics</i> , 2001 , 114, 9395-9401	3.9	37
61	Species-Selected Mass-Analyzed Threshold Ionization Spectra of m-Fluoroaniline Cation. <i>Applied Spectroscopy</i> , 2001 , 55, 120-124	3.1	31
60	Flow-Injection Inductively Coupled Plasma Mass Spectrometer Incorporated with an Ultrasonic Nebulizer-Membrane Dryer: Application to Trace Lead Detection in Aqueous Solution and Seawater. <i>Applied Spectroscopy</i> , 2001 , 55, 604-610	3.1	8

59	Quasiclassical Trajectory Calculations of $\text{Mg}(3s3p1P1) + \text{H}_2$ ($\Sigma=0, N=1$) \rightarrow $\text{MgH}(\Sigma N) + \text{H}$: Trajectory and Angular Momentum Analysis on Improved ab Initio Potential Energy Surfaces. <i>Journal of Physical Chemistry A</i> , 2001 , 105, 41-47	2.8	16
58	Temperature effect on the deactivation of electronically excited potassium by hydrogen molecule. <i>Journal of Chemical Physics</i> , 2000 , 113, 4613-4619	3.9	10
57	Reaction dynamics of $\text{Mg}(4\ 1S0, 3\ 1D2)$ with H_2 : Harpoon-type mechanism for highly excited states. <i>Journal of Chemical Physics</i> , 2000 , 113, 5302	3.9	6
56	Rotational energy transfer within CH A $2(\nu=0)$ and B $2(\nu=0)$ states by collisions with He, Ar, N_2 , CO, N_2O , and CHBr_3 using a time-resolved Fourier transform spectrometer. <i>Journal of Chemical Physics</i> , 2000 , 112, 10204-10211	3.9	26
55	Nascent rotational distribution and energy disposal of the CaH product in the reaction of $\text{Ca}(4s4p\ 1P1) + \text{H}_2 \rightarrow \text{CaH}(X\ 2\Sigma) + \text{H}$. <i>Journal of Chemical Physics</i> , 1999 , 111, 5277-5278	3.9	7
54	Reaction dynamics of $\text{Mg}(3s4s\ 1S0)$ with H_2 : interference of the MgH product contribution from the lower $\text{Mg}(3s3p\ 1P1)$ state. <i>Chemical Physics Letters</i> , 1999 , 304, 336-342	2.5	3
53	Quasiclassical Trajectory Study of $\text{Mg}(3s3pP1) + \text{H}_2$ Reaction on Fitted ab Initio Surfaces. <i>Journal of Physical Chemistry A</i> , 1999 , 103, 7938-7948	2.8	13
52	Laser-enhanced ionization detection of Pb in seawater by flow injection analysis with on-line preconcentration and separation. <i>Analytical Chemistry</i> , 1999 , 71, 1561-7	7.8	21
51	Improvement in Data Acquisition for a Step-Scan Fourier Transform Spectrometer. <i>Applied Spectroscopy</i> , 1999 , 53, 22-28	3.1	7
50	Spatially Resolved Temperature Determination of an Air/Acetylene Flame Using the Two-Step Laser-Enhanced Ionization Technique. <i>Applied Spectroscopy</i> , 1998 , 52, 187-194	3.1	6
49	Ab initio calculation for potential energy surfaces relevant to the microscopic reaction pathways for $\text{Mg}(3s3p1P1) + \text{H}_2 \rightarrow \text{MgH}(2\Sigma) + \text{H}$. <i>Journal of Chemical Physics</i> , 1998 , 108, 1475-1484	3.9	19
48	Kinetic investigation of the quenching of $\text{Mg}(3s3p\ 1P1)$ atoms in collisions with CH_4 over the temperature range from 660 to 850 K. <i>Journal of Chemical Physics</i> , 1998 , 109, 7821-7826	3.9	7
47	Rotational energy transfer of CH in the B ($\nu=0$) state by collisions with Ar and N_2O using a time-resolved Fourier Transform spectrometer. <i>Journal of Chemical Physics</i> , 1997 , 107, 10348-10349	3.9	12
46	State-specific reaction and product energy disposal of electronically excited potassium with hydrogen molecule. <i>Journal of Chemical Physics</i> , 1997 , 107, 4244-4252	3.9	25
45	Ionization and dissociation mechanism of superexcited ketene using time-of-flight mass spectrometer. <i>Journal of Chemical Physics</i> , 1997 , 107, 3797-3804	3.9	6
44	Nascent Rotational Distributions of MgH in Reaction of $\text{Mg}(4s\ 1S0)$ with H_2 and HD. <i>Journal of the Chinese Chemical Society</i> , 1997 , 44, 463-468	1.5	
43	Reaction dynamics of $\text{Mg}(3\ 1P1, 4\ 1S0)$ with H_2 : insertion versus harpoon mechanism. <i>Chemical Physics Letters</i> , 1997 , 274, 37-40	2.5	9
42	Collisional deactivation of K in the high-lying 2S and 2D states by He, Ne, and Ar. <i>Journal of Chemical Physics</i> , 1996 , 105, 2719-2725	3.9	5

41	Reaction dynamics of Mg(3s3p 1P1) with CH4: Elucidation of reaction pathways for the MgH product by the measurement of temperature dependence and the calculation of ab initio potential energy surfaces. <i>Journal of Chemical Physics</i> , 1996 , 104, 1370-1379	3.9	17
40	Rotational population distribution of KH ($v=0, 1, 2$, and 3) in the reaction of K(5 2PJ, 6 2PJ, and 7 2PJ) with H2: Reaction mechanism and product energy disposal. <i>Journal of Chemical Physics</i> , 1996 , 105, 9121-9129	3.9	34
39	Reaction Dynamics of Mg(3s3p1P1) with H2. <i>Journal of the Chinese Chemical Society</i> , 1995 , 42, 293-302	1.5	4
38	Automatic determination of optimum dilution levels for laser-enhanced ionization detection of matrix-interfered sample by flow injection. <i>Analyst, The</i> , 1995 , 120, 2593	5	5
37	New observations on the B state of the CH radical from UV multiphoton dissociation of ketene. <i>Chemical Physics Letters</i> , 1995 , 245, 585-590	2.5	5
36	Vibrational and rotational population distributions of MgH($v''=0$ and 1) produced in the reaction of Mg(3s3p 1P1) with H2. <i>Physical Review A</i> , 1994 , 50, 4891-4898	2.6	23
35	Ion Enhancement Effect of Laser-Enhanced Ionization Induced by One-Step Excitation and Two-Step Excitation. <i>Applied Spectroscopy</i> , 1994 , 48, 241-247	3.1	6
34	Novel Technique To Reduce Electrical Interference Inherent in Laser-Enhanced Ionization Detection by Using Flow Injection Analysis. <i>Analytical Chemistry</i> , 1994 , 66, 2180-2186	7.8	7
33	Applications of Laser-Enhanced Ionization In Analytical Chemistry. <i>Journal of the Chinese Chemical Society</i> , 1994 , 41, 293-308	1.5	2
32	Determination of branching ratio and collisional mixing rate of potassium (52PJ) doublets following 193-nm photodissociation of potassium iodide in the presence of argon, helium, methane, and carbon dioxide. <i>The Journal of Physical Chemistry</i> , 1993 , 97, 604-609		9
31	The 248 nm photodissociation of KI: Determination of the branching ratio of K(4 2PJ) doublets in the presence of Ar, H2, and N2. <i>Journal of Chemical Physics</i> , 1993 , 99, 9603-9607	3.9	3
30	UV laser photolysis of KI: determination of quantum yield fine-structure branching ratio and collisional mixing rates of photofragments 1993 , 1858, 406		
29	193 nm photodissociation of KI: Branching ratio and collisional mixing rate of K(5 2PJ) doublets. <i>Journal of Chemical Physics</i> , 1992 , 96, 349-355	3.9	11
28	Collisional deactivation for K in high-lying 2S and 2D states by H2. <i>Physical Review A</i> , 1992 , 46, 3834-3839	2.6	20
27	Rydberg states and spin-orbit coupling of the thallium atom. <i>Physical Review A</i> , 1992 , 46, 7150-7154	2.6	7
26	Dynamics and Kinetics of Metal Atoms in the Gas Phase. <i>Journal of the Chinese Chemical Society</i> , 1992 , 39, 511-527	1.5	0
25	Application of Laser-Enhanced Ionization: Atomization Efficiency Determination. <i>Applied Spectroscopy</i> , 1992 , 46, 1370-1375	3.1	8
24	Quantum yields of fragments in 193 nm photodissociation of KI. <i>Chemical Physics Letters</i> , 1992 , 188, 37-41		5

23	Orbital alignment effect in a supersonic jet: spin-changing collisions in the Ca(4s5p 1P ₁)+Ar system. <i>Chemical Physics Letters</i> , 1992 , 195, 579-585	2.5	4
22	Collisional deactivation of K(7s 2S) and K(5d 2D) by H ₂ . <i>Journal of Chemical Physics</i> , 1991 , 94, 3529-3536	3.9	30
21	Application of Laser-Enhanced Ionization to Flame Temperature Determination. <i>Applied Spectroscopy</i> , 1991 , 45, 1340-1343	3.1	7
20	Collisional Deactivation of K(7s2S) and K(5d2D) by No. <i>Journal of the Chinese Chemical Society</i> , 1990 , 37, 173-182	1.5	
19	Laser Spectroscopy on the MgH A ² Π-X ² Π Band System. <i>Journal of the Chinese Chemical Society</i> , 1990 , 37, 473-478	1.5	2
18	Temperature effect on nascent rotational state distribution of product MgH in reaction of Mg(3s3p1P ₁)+H ₂ ->MgH+H. <i>Journal of Chemical Physics</i> , 1989 , 91, 5387-5391	3.9	39
17	State-selective reaction of excited potassium atom with hydrogen molecule. K*+H ₂ ->KH+H. <i>Journal of Chemical Physics</i> , 1989 , 90, 6151-6156	3.9	40
16	Alignment effects in CaHe (5 1P ₁ Π 3P _J) energy transfer half-collisions. <i>Journal of Chemical Physics</i> , 1989 , 90, 7605-7606	3.9	8
15	Ion Enhancement by Dual-Laser Ionization in an Acetylene/Air Flame. <i>Applied Spectroscopy</i> , 1989 , 43, 20-24	3.1	6
14	Experimental and Theoretical Study of Laser-Enhanced Ionization and Dual-Laser Ionization of Sodium Vapor. <i>Applied Spectroscopy</i> , 1989 , 43, 66-74	3.1	7
13	Laser-induced fluorescence of the B ¹ Σ ⁺ -X ¹ Σ ⁺ band system of the isotopic lithium hydrides. <i>Journal of Molecular Spectroscopy</i> , 1988 , 129, 388-394	1.3	10
12	Understanding product optimization: Kinetic versus thermodynamic control. <i>Journal of Chemical Education</i> , 1988 , 65, 857	2.4	11
11	Alignment effects in CaHe(5 1P ₁ Π 3P _J) energy transfer collisions by far wing laser scattering. <i>Journal of Chemical Physics</i> , 1988 , 89, 4771-4776	3.9	21
10	Application of Dual Laser Ionization to Trace Analysis of Sodium in A Flame. <i>Journal of the Chinese Chemical Society</i> , 1988 , 35, 179-185	1.5	2
9	Collisional deactivation of potassium (5 ² P _J) by molecular hydrogen. Identification of the primary quenching channel. <i>The Journal of Physical Chemistry</i> , 1984 , 88, 6670-6675		15
8	Energy considerations in dual laser ionization processes in flames. <i>Analytical Chemistry</i> , 1983 , 55, 2382-2387	2.8	28
7	Flame temperature determination by dual laser ionization. <i>Chemical Physics Letters</i> , 1982 , 90, 111-116	2.5	13
6	Two-step laser-assisted ionization of sodium in a hydrogen-oxygen-argon flame. <i>Analytical Chemistry</i> , 1981 , 53, 1275-1279	7.8	30

5	A Comparative Study of Chemical-Initiated and Radiation-Induced Graft Copolymerization of Methyl Methacrylate onto Bamboo by Infrared Spectroscopic Technique. <i>Journal of the Chinese Chemical Society</i> , 1980 , 27, 83-86	1.5	4
4	Effect of High Order Coulombic Interaction on Radiationless Resonance Transfer of Electronic Excitation. <i>Journal of the Chinese Chemical Society</i> , 1976 , 23, 127-137	1.5	
3	Comment on Maximum Interaction Model of Force Constant Calculation of the $ML_x(CO)_6-x$ Type Molecule. <i>Journal of the Chinese Chemical Society</i> , 1976 , 23, 75-80	1.5	1
2	NMR Study of Some Sesquiterpene Alcohols and Their Oxidation Products. <i>Journal of the Chinese Chemical Society</i> , 1974 , 21, 31-35	1.5	12
1	Ultrafine rhenium-uthenium nanoparticles decorated on functionalized carbon nanotubes for the simultaneous determination of antibiotic (nitrofurantoin) and anti-testosterone (flutamide) drugs. <i>Journal of Materials Chemistry C</i> ,	7.1	2