

# Wei Kong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9039882/publications.pdf>

Version: 2024-02-01

77  
papers

1,310  
citations

394421

19  
h-index

414414

32  
g-index

78  
all docs

78  
docs citations

78  
times ranked

877  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Resolving the interlayer distance of cationic pyrene clusters embedded in superfluid helium droplets using electron diffraction. <i>Journal of Chemical Physics</i> , 2022, 156, 051101.              | 3.0  | 2         |
| 2  | Electron diffraction as a structure tool for charged and neutral nanoclusters formed in superfluid helium droplets. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 6349-6362.                 | 2.8  | 1         |
| 3  | Effects of aromatic molecules inside argon clusters on the formation of multiply charged atomic ions in moderately intense nanosecond laser fields. <i>Journal of Chemical Physics</i> , 2022, 157, . | 3.0  | 0         |
| 4  | Bimodal velocity and size distributions of pulsed superfluid helium droplet beams. <i>Journal of Chemical Physics</i> , 2021, 154, 134303.  | 3.0  | 6         |
| 5  | Volume averaging effect in nonlinear processes of focused laser fields. <i>Journal of Chemical Physics</i> , 2021, 155, 064202.   | 3.0  | 2         |
| 6  | Electron Diffraction of Ionic Argon Nanoclusters Embedded in Superfluid Helium Droplets. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 9644-9650.  | 4.6  | 3         |
| 7  | Intensity dependence of multiply charged atomic ions from argon clusters in moderate nanosecond laser fields. <i>Journal of Chemical Physics</i> , 2021, 155, 144301.                                 | 3.0  | 2         |
| 8  | Electron Diffraction of Pyrene Nanoclusters Embedded in Superfluid Helium Droplets. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 724-729.   | 4.6  | 15        |
| 9  | Production of Multiply Charged Argon Ions in Moderate Nanosecond Laser Fields: An Open Question or a Forgone Conclusion?. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 9971-9974.         | 4.6  | 2         |
| 10 | Electron diffraction of CS <sub>2</sub> nanoclusters embedded in superfluid helium droplets. <i>Journal of Chemical Physics</i> , 2020, 152, 224306.  | 3.0  | 9         |
| 11 | Coulomb Explosion in Nanosecond Laser Fields. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 1100-1105.   | 4.6  | 9         |
| 12 | Doping with multiple cations and failure of charge transfer in large ionized helium droplets. <i>Journal of Chemical Physics</i> , 2019, 151, 134307.   | 3.0  | 8         |
| 13 | Suppression of multiphoton ionization of aniline in large superfluid helium droplets. <i>Chemical Physics Letters</i> , 2019, 735, 136752.  | 2.6  | 6         |
| 14 | Self-Assembly of Iodine in Superfluid Helium Droplets: Halogen Bonds and Nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3541-3545.  | 13.8 | 17        |
| 15 | Electronic spectra and excited-state dynamics of acridine and its hydrated clusters. <i>Journal of Chemical Physics</i> , 2017, 146, 134311.  | 3.0  | 1         |
| 16 | Self-Assembly of Iodine in Superfluid Helium Droplets: Halogen Bonds and Nanocrystals. <i>Angewandte Chemie</i> , 2017, 129, 3595-3599.   | 2.0  | 2         |
| 17 | Doping of Green Fluorescent Protein into Superfluid Helium Droplets: Size and Velocity of Doped Droplets. <i>Journal of Physical Chemistry A</i> , 2017, 121, 6671-6678.                              | 2.5  | 20        |
| 18 | Serial single molecule electron diffraction imaging: diffraction background of superfluid helium droplets. , 2017, , .  |      | 0         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Electron diffraction of CBr <sub>4</sub> in superfluid helium droplets: A step towards single molecule diffraction. <i>Journal of Chemical Physics</i> , 2016, 145, 034307.   | 3.0 | 19        |
| 20 | Communication: Electron diffraction of ferrocene in superfluid helium droplets. <i>Journal of Chemical Physics</i> , 2016, 144, 221101.   | 3.0 | 17        |
| 21 | Electron impact ionization and multiphoton ionization of doped superfluid helium droplets: A comparison. <i>Journal of Chemical Physics</i> , 2016, 144, 084302.  | 3.0 | 15        |
| 22 | Effective doping of low energy ions into superfluid helium droplets. <i>Journal of Chemical Physics</i> , 2015, 143, 074201.  | 3.0 | 18        |
| 23 | Facile time-of-flight methods for characterizing pulsed superfluid helium droplet beams. <i>Review of Scientific Instruments</i> , 2015, 86, 084102.  | 1.3 | 14        |
| 24 | Effect of kinetic energy on the doping efficiency of cesium cations into superfluid helium droplets. <i>Journal of Chemical Physics</i> , 2015, 143, 044310.  | 3.0 | 18        |
| 25 | Zero Kinetic Energy Photoelectron Spectroscopy of Benzo[ <i>h</i> ]quinoline. <i>Journal of Physical Chemistry A</i> , 2015, 119, 11997-12004.  | 2.5 | 6         |
| 26 | Zero kinetic energy photoelectron spectroscopy of triphenylene. <i>Journal of Chemical Physics</i> , 2014, 140, 244308.   | 3.0 | 5         |
| 27 | Electron Diffraction of Superfluid Helium Droplets. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 1801-1805.  | 4.6 | 14        |
| 28 | Resonantly enhanced multiphoton ionization and zero kinetic energy photoelectron spectroscopy of benzo[ <i>e</i> ]pyrene. <i>Chemical Physics Letters</i> , 2013, 556, 23-28.   | 2.6 | 10        |
| 29 | Resonantly Enhanced Multiphoton Ionization and Zero Kinetic Energy Photoelectron Spectroscopy of Benzo[ <i>g,h,i</i> ]perylene. <i>Journal of Physical Chemistry A</i> , 2012, 116, 1551-1557.                          | 2.5 | 15        |
| 30 | Resonantly Enhanced Multiphoton Ionization and Zero Kinetic Energy Photoelectron Spectroscopy of Chrysene: A Comparison with Tetracene. <i>Journal of Physical Chemistry A</i> , 2012, 116, 7016-7022.                  | 2.5 | 8         |
| 31 | Zero kinetic energy photoelectron spectroscopy of jet cooled benzo[ <i>a</i> ]pyrene from resonantly enhanced multiphoton ionization. <i>Journal of Chemical Physics</i> , 2011, 135, 244306.                           | 3.0 | 16        |
| 32 | FAR-INFRARED SPECTROSCOPY OF CATIONIC POLYCYCLIC AROMATIC HYDROCARBONS: ZERO KINETIC ENERGY PHOTOELECTRON SPECTROSCOPY OF PENTACENE VAPORIZED FROM LASER DESORPTION. <i>Astrophysical Journal</i> , 2010, 715, 485-492. | 4.5 | 19        |
| 33 | Zero Kinetic Energy Photoelectron Spectroscopy of Pyrene. <i>Journal of Physical Chemistry A</i> , 2010, 114, 11117-11124.  | 2.5 | 25        |
| 34 | Linear dichroism spectroscopy of gas phase biological molecules embedded in superfluid helium droplets. <i>International Reviews in Physical Chemistry</i> , 2009, 28, 33-52.   | 2.3 | 23        |
| 35 | Polarization spectroscopy of aluminum phthalocyanine hydroxide embedded in superfluid helium droplets. <i>Chemical Physics Letters</i> , 2008, 462, 173-177.  | 2.6 | 5         |
| 36 | Decay Pathways of Pyrimidine Bases: From Gas Phase to Solution. <i>Challenges and Advances in Computational Chemistry and Physics</i> , 2008, , 301-321.  | 0.6 | 0         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Zero kinetic energy photoelectron spectroscopy of tetracene using laser desorption for vaporization. <i>Journal of Chemical Physics</i> , 2008, 128, 104301.  | 3.0 | 31        |
| 38 | Electronic polarization spectroscopy of metal phthalocyanine chloride compounds in superfluid helium droplets. <i>Journal of Chemical Physics</i> , 2007, 127, 174308.  | 3.0 | 10        |
| 39 | Conformational identification of tryptamine embedded in superfluid helium droplets using electronic polarization spectroscopy. <i>Journal of Chemical Physics</i> , 2006, 125, 024305.                              | 3.0 | 13        |
| 40 | Resonantly enhanced multiphoton ionization and zero kinetic energy photoelectron spectroscopy of 2-indanol conformers. <i>Journal of Chemical Physics</i> , 2006, 124, 204306.                                      | 3.0 | 13        |
| 41 | Cation vibrational energy levels of 1,3-benzodioxole obtained via zero kinetic energy photoelectron spectroscopy. <i>Chemical Physics Letters</i> , 2005, 402, 212-216.   | 2.6 | 4         |
| 42 | Nonlinear Optical Crystal YxLayScz(BO3)4 (x + y + z = 4).. <i>ChemInform</i> , 2005, 36, no.  | 0.0 | 0         |
| 43 | Two-color resonantly enhanced multiphoton ionization and zero-kinetic-energy photoelectron spectroscopy of jet-cooled indan. <i>Journal of Chemical Physics</i> , 2005, 122, 244302.                                | 3.0 | 11        |
| 44 | A Theoretical and Experimental Study of Water Complexes of m-Aminobenzoic Acid MABA·(H2O)n (n = 1) Tj ETQq0,0,0 rgBT /Overlock 1  | 2.5 | 14        |
| 45 | Structure of Gas Phase Radical Cation of 1,3,6,8-Tetraazatricyclo[4.4.1.13,8] Dodecane Determined from Zero Kinetic Energy Photoelectron Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2005, 109, 959-961. | 2.5 | 3         |
| 46 | Nonlinear Optical Crystal YxLayScz(BO3)4(x+y+z= 4). <i>Chemistry of Materials</i> , 2005, 17, 2687-2692.  | 6.7 | 86        |
| 47 | Theoretical and Experimental Studies of Water Complexes of p- and o-Aminobenzoic Acid. <i>Journal of Physical Chemistry A</i> , 2005, 109, 2809-2815.   | 2.5 | 28        |
| 48 | Resonantly enhanced two photon ionization and zero kinetic energy spectroscopy of jet-cooled 4-aminopyridine. <i>Journal of Chemical Physics</i> , 2004, 120, 7497-7504.  | 3.0 | 25        |
| 49 | Polarization spectroscopy of gaseous tropolone in a strong electric field. <i>Journal of Chemical Physics</i> , 2004, 121, 4577-4584.   | 3.0 | 8         |
| 50 | Zero kinetic energy photoelectron spectroscopy of p-amino benzoic acid. <i>Journal of Chemical Physics</i> , 2004, 121, 3533-3539.  | 3.0 | 23        |
| 51 | Two-color two-photon REMPI and ZEKE photoelectron spectroscopy of jet-cooled 2-chloropyrimidine. <i>Chemical Physics Letters</i> , 2004, 391, 38-43.  | 2.6 | 16        |
| 52 | Two-color two-photon REMPI and ZEKE spectroscopy of supersonically cooled o-aminobenzoic acid. <i>Chemical Physics Letters</i> , 2004, 398, 351-356.  | 2.6 | 26        |
| 53 | Photophysics of Methyl-Substituted Uracils and Thymines and Their Water Complexes in the Gas Phase. <i>Journal of Physical Chemistry A</i> , 2004, 108, 943-949.  | 2.5 | 115       |
| 54 | Two-color two-photon REMPI and ZEKE photoelectron spectroscopy of jet-cooled 2-chloropyrimidine. <i>Chemical Physics Letters</i> , 2004, 391, 38-38.  | 2.6 | 2         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | Observation of rotamers of m-aminobenzoic acid: Zero kinetic energy photoelectron and hole-burning resonantly enhanced multiphoton ionization spectroscopy. <i>Journal of Chemical Physics</i> , 2004, 121, 8321. | 3.0 | 20        |
| 56 | Decay Pathways of Thymine and Methyl-Substituted Uracil and Thymine in the Gas Phase. <i>Journal of Physical Chemistry A</i> , 2003, 107, 5145-5148.  | 2.5 | 110       |
| 57 | Symmetry properties of electronically excited states of nitroaromatic compounds. <i>Journal of Chemical Physics</i> , 2002, 117, 8670-8675.   | 3.0 | 18        |
| 58 | Zero energy kinetic electron and mass analyzed threshold ionization spectroscopy of Na <sup>+</sup> ...(NH <sub>3</sub> ) <sub>n</sub> (n=1, 2, 3). <i>Journal of Chemical Physics</i> , 2000, 113, 1415-1419.    | 3.0 | 16        |
| 59 | ELECTRONIC SPECTROSCOPY OF ORIENTED MEDIUM SIZED MOLECULES: PRINCIPLE AND APPLICATION. , 2002, , .  |     | 0         |
| 60 | STUDIES OF ELECTRONIC PROPERTIES OF MEDIUM AND LARGE MOLECULES ORIENTED IN A STRONG UNIFORM ELECTRIC FIELD. <i>International Journal of Modern Physics B</i> , 2001, 15, 3471-3502.                               | 2.0 | 25        |
| 61 | Photodissociation of t-butyl nitrite between 220 and 250 nm: internal energy distribution of NO. <i>Chemical Physics Letters</i> , 2000, 318, 565-570.  | 2.6 | 15        |
| 62 | Direction of the transition dipole moment of nitrobenzene determined from oriented molecules in a uniform electric field. <i>Journal of Chemical Physics</i> , 2000, 113, 1415-1419.                              | 3.0 | 31        |
| 63 | Orientation of Asymmetric Top Molecules in a Uniform Electric Field: $\mu$ Calculations for Species without Symmetry Axes. <i>Journal of Physical Chemistry A</i> , 2000, 104, 1055-1063.                         | 2.5 | 50        |
| 64 | Associative formation of Rydberg state clusters from collisions between a Rydberg state species and a ground state neutral atom. <i>Journal of Chemical Physics</i> , 2000, 113, 3020-3025.                       | 3.0 | 10        |
| 65 | Directions of transition dipole moments of t-butyl nitrite obtained via orientation with a strong, uniform electric field. <i>Journal of Chemical Physics</i> , 2000, 112, 10156-10161.                           | 3.0 | 22        |
| 66 | Photodissociation of o-Nitrotoluene between 220 and 250 nm in a Uniform Electric Field. <i>Journal of Physical Chemistry A</i> , 2000, 104, 10419-10425.  | 2.5 | 24        |
| 67 | Evidence of a perpendicular component in the photodissociation of BrCN at 213 nm. <i>Journal of Chemical Physics</i> , 1999, 111, 1884-1889.  | 3.0 | 14        |
| 68 | Photodissociation of ICN in a brute-force field: detection of the ( ) product. <i>Chemical Physics Letters</i> , 1999, 300, 247-252.  | 2.6 | 15        |
| 69 | Photodissociation of ICN at 266 nm and BrCN at 230 nm using brute force orientation. <i>Chemical Physics Letters</i> , 1999, 302, 151-156.  | 2.6 | 16        |
| 70 | Orientation of pyrimidine in the gas phase using a strong electric field: Spectroscopy and relaxation dynamics. <i>Journal of Chemical Physics</i> , 1999, 110, 11779-11788.                                      | 3.0 | 40        |
| 71 | Brute Force Orientation and Alignment of Pyridazine Probed by Resonantly Enhanced Multiphoton Ionization. <i>Journal of Physical Chemistry A</i> , 1998, 102, 8084-8090.  | 2.5 | 48        |
| 72 | Selective Excitation of ICN Achieved via Brute Force Orientation. <i>Journal of Physical Chemistry A</i> , 1998, 102, 7881-7884.  | 2.5 | 16        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 73 | Degenerate four wave mixing of pyridazine from a slit nozzle. Journal of Chemical Physics, 1998, 109, 4782-4790.                                     | 3.0 | 7         |
| 74 | Measurements and applications of brute force orientation and alignment. , 1998, , .  |     | 6         |
| 75 | Polarization and probe delay effect on degenerate four wave mixing of pyrazine. Journal of Chemical Physics, 1997, 107, 3774-3781.                   | 3.0 | 8         |
| 76 | Degenerate four wave mixing and laser induced fluorescence of pyrazine and pyridazine. Chemical Physics Letters, 1997, 273, 272-278.                 | 2.6 | 18        |
| 77 | Using PFI-ZEKE spectroscopy to study excited states of molecular ions: implications for state selection through pulsed field ionization. , 1995, , . |     | 0         |