

# Wei Kong

## List of Publications by Year in descending order

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77  
papers

1,310  
citations

394421

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414414

32  
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78  
docs citations

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times ranked

877  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Nonlinear Optical Crystal $\text{YxLayScz}(\text{BO}_3)_4(x+y+z=4)$ . <i>Chemistry of Materials</i> , 2005, 17, 2687-2692.	6.7	86
4	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
5	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
6	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
7	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
8	Zero kinetic energy photoelectron spectroscopy of tetracene using laser desorption for vaporization. <i>Journal of Chemical Physics</i> , 2008, 128, 104301.	3.0	31
9	Theoretical and Experimental Studies of Water Complexes of <i>p</i> - and <i>o</i> -Aminobenzoic Acid. <i>Journal of Physical Chemistry A</i> , 2005, 109, 2809-2815.	2.5	28
10	Two-color two-photon REMPI and ZEKE spectroscopy of supersonically cooled <i>o</i> -aminobenzoic acid. <i>Chemical Physics Letters</i> , 2004, 398, 351-356.	2.6	26
11	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
12	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
13	Zero Kinetic Energy Photoelectron Spectroscopy of Pyrene. <i>Journal of Physical Chemistry A</i> , 2010, 114, 11117-11124.	2.5	25
14	Photodissociation of <i>o</i> -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
15	Zero kinetic energy photoelectron spectroscopy of <i>p</i> -amino benzoic acid. <i>Journal of Chemical Physics</i> , 2004, 121, 3533-3539.	3.0	23
16	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
17	Directions of transition dipole moments of <i>t</i> -butyl nitrite obtained via orientation with a strong, uniform electric field. <i>Journal of Chemical Physics</i> , 2000, 112, 10156-10161.	3.0	22
18	Observation of rotamers of <i>m</i> -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

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19	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
20	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
21	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
22	Degenerate four wave mixing and laser induced fluorescence of pyrazine and pyridazine. <i>Chemical Physics Letters</i> , 1997, 273, 272-278.	2.6	18
23	Symmetry properties of electronically excited states of nitroaromatic compounds. <i>Journal of Chemical Physics</i> , 2002, 117, 8670-8675.	3.0	18
24	Effective doping of low energy ions into superfluid helium droplets. <i>Journal of Chemical Physics</i> , 2015, 143, 074201.	3.0	18
25	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
26	Communication: Electron diffraction of ferrocene in superfluid helium droplets. <i>Journal of Chemical Physics</i> , 2016, 144, 221101.	3.0	17
27	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
28	Selective Excitation of ICN Achieved via Brute Force Orientation. <i>Journal of Physical Chemistry A</i> , 1998, 102, 7881-7884.	2.5	16
29	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
30	Zero energy kinetic electron and mass analyzed threshold ionization spectroscopy of Na <sup>+</sup> ...(NH <sub>3</sub> ) <sub>n</sub> (n=1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30). <i>Journal of Physical Chemistry A</i> , 2017, 121, 10400-10406.	3.0	16
31	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
32	Zero kinetic energy photoelectron spectroscopy of jet cooled benzo[a]pyrene from resonantly enhanced multiphoton ionization. <i>Journal of Chemical Physics</i> , 2011, 135, 244306.	3.0	16
33	Photodissociation of ICN in a brute-force field: detection of the ( ) product. <i>Chemical Physics Letters</i> , 1999, 300, 247-252.	2.6	15
34	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
35	Resonantly Enhanced Multiphoton Ionization and Zero Kinetic Energy Photoelectron Spectroscopy of Benzo[ghi]perylene. <i>Journal of Physical Chemistry A</i> , 2012, 116, 1551-1557.	2.5	15
36	Electron Diffraction of Pyrene Nanoclusters Embedded in Superfluid Helium Droplets. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 724-729.	4.6	15

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37	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
38	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
39	A Theoretical and Experimental Study of Water Complexes of m-Aminobenzoic Acid MABA·(H <sub>2</sub> O) <sub>n</sub> (n = 1) Tj ETQq1_1_0.784314 rgBT / 00	2.5	14
40	Electron Diffraction of Superfluid Helium Droplets. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 1801-1805.	4.6	14
41	Facile time-of-flight methods for characterizing pulsed superfluid helium droplet beams. <i>Review of Scientific Instruments</i> , 2015, 86, 084102.	1.3	14
42	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
43	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
44	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
45	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
46	Electronic polarization spectroscopy of metal phthalocyanine chloride compounds in superfluid helium droplets. <i>Journal of Chemical Physics</i> , 2007, 127, 174308.	3.0	10
47	Resonantly enhanced multiphoton ionization and zero kinetic energy photoelectron spectroscopy of benzo[e]pyrene. <i>Chemical Physics Letters</i> , 2013, 556, 23-28.	2.6	10
48	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
49	Coulomb Explosion in Nanosecond Laser Fields. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 1100-1105.	4.6	9
50	Polarization and probe delay effect on degenerate four wave mixing of pyrazine. <i>Journal of Chemical Physics</i> , 1997, 107, 3774-3781.	3.0	8
51	Polarization spectroscopy of gaseous tropolone in a strong electric field. <i>Journal of Chemical Physics</i> , 2004, 121, 4577-4584.	3.0	8
52	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
53	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
54	Degenerate four wave mixing of pyridazine from a slit nozzle. <i>Journal of Chemical Physics</i> , 1998, 109, 4782-4790.	3.0	7

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55	Measurements and applications of brute force orientation and alignment. , 1998, , .		6
56	Zero Kinetic Energy Photoelectron Spectroscopy of Benzo[ <i>h</i> ]quinoline. Journal of Physical Chemistry A, 2015, 119, 11997-12004.	2.5	6
57	Suppression of multiphoton ionization of aniline in large superfluid helium droplets. Chemical Physics Letters, 2019, 735, 136752.	2.6	6
58	Bimodal velocity and size distributions of pulsed superfluid helium droplet beams. Journal of Chemical Physics, 2021, 154, 134303.	3.0	6
59	Polarization spectroscopy of aluminum phthalocyanine hydroxide embedded in superfluid helium droplets. Chemical Physics Letters, 2008, 462, 173-177.	2.6	5
60	Zero kinetic energy photoelectron spectroscopy of triphenylene. Journal of Chemical Physics, 2014, 140, 244308.	3.0	5
61	Cation vibrational energy levels of 1,3-benzodioxole obtained via zero kinetic energy photoelectron spectroscopy. Chemical Physics Letters, 2005, 402, 212-216.	2.6	4
62	Structure of Gas Phase Radical Cation of 1,3,6,8-Tetraazatricyclo[4.4.1.1 <sup>3,8</sup> ] Dodecane Determined from Zero Kinetic Energy Photoelectron Spectroscopy. Journal of Physical Chemistry A, 2005, 109, 959-961.	2.5	3
63	Electron Diffraction of Ionic Argon Nanoclusters Embedded in Superfluid Helium Droplets. Journal of Physical Chemistry Letters, 2021, 12, 9644-9650.	4.6	3
64	Two-color two-photon REMPI and ZEKE photoelectron spectroscopy of jet-cooled 2-chloropyrimidine. Chemical Physics Letters, 2004, 391, 38-38.	2.6	2
65	Self-Assembly of Iodine in Superfluid Helium Droplets: Halogen Bonds and Nanocrystals. Angewandte Chemie, 2017, 129, 3595-3599.	2.0	2
66	Production of Multiply Charged Argon Ions in Moderate Nanosecond Laser Fields: An Open Question or a Forgone Conclusion?. Journal of Physical Chemistry Letters, 2020, 11, 9971-9974.	4.6	2
67	Volume averaging effect in nonlinear processes of focused laser fields. Journal of Chemical Physics, 2021, 155, 064202.	3.0	2
68	Intensity dependence of multiply charged atomic ions from argon clusters in moderate nanosecond laser fields. Journal of Chemical Physics, 2021, 155, 144301.	3.0	2
69	Resolving the interlayer distance of cationic pyrene clusters embedded in superfluid helium droplets using electron diffraction. Journal of Chemical Physics, 2022, 156, 051101.	3.0	2
70	Electronic spectra and excited-state dynamics of acridine and its hydrated clusters. Journal of Chemical Physics, 2017, 146, 134311.	3.0	1
71	Electron diffraction as a structure tool for charged and neutral nanoclusters formed in superfluid helium droplets. Physical Chemistry Chemical Physics, 2022, 24, 6349-6362.	2.8	1
72	Using PFI-ZEKE spectroscopy to study excited states of molecular ions: implications for state selection through pulsed field ionization. , 1995, , .		0

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73	Nonlinear Optical Crystal YxLayScz(BO3)4 (x + y + z = 4).. ChemInform, 2005, 36, no.	0.0	0
74	Decay Pathways of Pyrimidine Bases: From Gas Phase to Solution. Challenges and Advances in Computational Chemistry and Physics, 2008, , 301-321.	0.6	0
75	ELECTRONIC SPECTROSCOPY OF ORIENTED MEDIUM SIZED MOLECULES: PRINCIPLE AND APPLICATION. , 2002, , .		0
76	Serial single molecule electron diffraction imaging: diffraction background of superfluid helium droplets. , 2017, , .		0
77	Effects of aromatic molecules inside argon clusters on the formation of multiply charged atomic ions in moderately intense nanosecond laser fields. Journal of Chemical Physics, 2022, 157, .	3.0	0