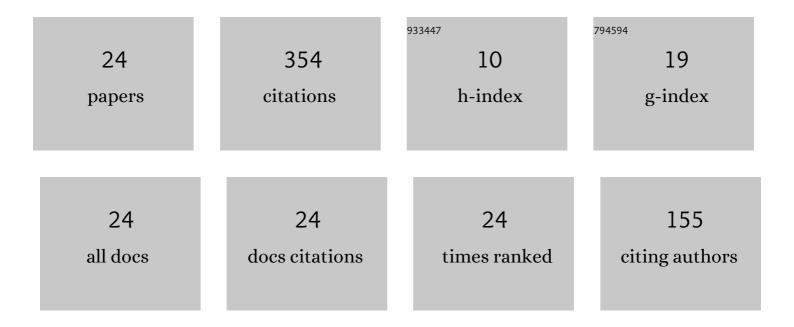
Dock-Chil Che

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Conformer Selection by Electrostatic Hexapoles: A Theoretical Study on 1-Chloroethanol and 2-Chloroethanol. Symmetry, 2022, 14, 317. | 2.2 | 2 |
| 2 | A vector correlation study using a hexapole-oriented molecular beam: photodissociation dynamics of oriented isohaloethane. Physical Chemistry Chemical Physics, 2022, 24, 5914-5920. | 2.8 | 2 |
| 3 | 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. Journal of Physical Chemistry A, 2020, 124, 5288-5296. | 2.5 | 9 |
| 4 | Vectorial imaging of the photodissociation of 2-bromobutane oriented <i>via</i> hexapolar state selection. Physical Chemistry Chemical Physics, 2019, 21, 14164-14172. | 2.8 | 11 |
| 5 | Stereodynamic Imaging of Bromine Atomic Photofragments Eliminated from 1-Bromo-2-methylbutane Oriented via Hexapole State Selector. Journal of Physical Chemistry A, 2019, 123, 6635-6644. | 2.5 | 8 |
| 6 | Atomic force microscopy analysis of SasAâ€KaiC complex formation involved in information transfer from the Kai <scp>ABC</scp> clock machinery to the output pathway in cyanobacteria. Genes To Cells, 2018, 23, 294-306. | 1.2 | 2 |
| 7 | Roaming and chaotic behaviors in collisional and photo-initiated molecular-beam reactions: a role of classical vs. quantum nonadiabatic dynamics. Rendiconti Lincei, 2018, 29, 219-232. | 2.2 | 7 |
| 8 | Nonlinear electric transport in macromolecular system for stochastic computing. International Journal of Parallel, Emergent and Distributed Systems, 2017, 32, 252-258. | 1.0 | 0 |
| 9 | Stereodirectional images of molecules oriented by a variable-voltage hexapolar field: Fragmentation channels of 2-bromobutane electronically excited at two photolysis wavelengths. Journal of Chemical Physics, 2017, 147, 013917. | 3.0 | 20 |
| 10 | Adsorption characteristics of Cytochrome c/DNA complex Langmuir molecular assemblies at the air–water interface: a surface area-normalized isotherm study. RSC Advances, 2017, 7, 37755-37764. | 3.6 | 3 |
| 11 | Angular distribution of bromine atomic photofragment in oriented 2-bromobutane via hexapole state selector. AIP Conference Proceedings, 2017, , . | 0.4 | 1 |
| 12 | Stereodirectional photodynamics: Experimental and theoretical perspectives. AIP Conference Proceedings, 2016, , . | 0.4 | 6 |
| 13 | Rotational state-selection and alignment of chiral molecules by electrostatic hexapoles. AIP Conference Proceedings, 2016, , . | 0.4 | 5 |
| 14 | Hexapole-Oriented Asymmetric-Top Molecules and Their Stereodirectional Photodissociation Dynamics. Journal of Physical Chemistry A, 2016, 120, 5389-5398. | 2.5 | 27 |
| 15 | Stereodynamics: From elementary processes to macroscopic chemical reactions. AIP Conference Proceedings, 2015, , . | 0.4 | 4 |
| 16 | Directions of chemical change: experimental characterization of the stereodynamics of photodissociation and reactive processes. Physical Chemistry Chemical Physics, 2014, 16, 9776. | 2.8 | 36 |
| 17 | Control of conformers combining cooling by supersonic expansion of seeded molecular beams with hexapole selection and alignment: experiment and theory on 2-butanol. Physical Chemistry Chemical Physics, 2014, 16, 9866. | 2.8 | 27 |
| 18 | Aligned molecules: chirality discrimination in photodissociation and in molecular dynamics. Rendiconti Lincei, 2013, 24, 299-308. | 2.2 | 43 |

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Emanation of Hydroxyl Radicals From Human Skin. IEEE Sensors Journal, 2013, 13, 1223-1227. | 4.7 | 2 |
| 20 | Molecular Hydrogen Consumption in the Human Body During the Inhalation of Hydrogen Gas. Advances in Experimental Medicine and Biology, 2013, 789, 315-321. | 1.6 | 11 |
| 21 | Reaction Dynamics with Molecular Beams and Oriented Molecular Beams: A Tool for Looking Closer to Chemical Reactions and Photodissociations. Journal of the Chinese Chemical Society, 2012, 59, 567-582. | 1.4 | 8 |
| 22 | Electrostatic hexapole state-selection of the asymmetric-top molecule propylene oxide: Rotational and orientational distributions. Chemical Physics, 2012, 399, 180-192. | 1.9 | 41 |
| 23 | Electrostatic Hexapole State-Selection of the Asymmetric-Top Molecule Propylene Oxide. Journal of Physical Chemistry A, 2010, 114, 3280-3286. | 2.5 | 48 |
| 24 | Negative collision energy dependence of Br formation in the OH + HBr reaction. Physical Chemistry Chemical Physics, 2008, 10, 1419-1423. | 2.8 | 31 |