

# Jerzy SepioÅ,

## List of Publications by Year in descending order

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19  
papers

469  
citations

840776

11  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

419  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Imaging of Tautomerism in a Single Molecule. <i>Journal of the American Chemical Society</i> , 2005, 127, 5302-5303.  | 13.7 | 74        |
| 2  | Proton tunnelling in porphycene seeded in a supersonic jet. <i>Chemical Physics Letters</i> , 1998, 296, 549-556.   | 2.6  | 65        |
| 3  | Evidence for Two Forms, Double Hydrogen Tunneling, and Proximity of Excited States in Bridge-Substituted Porphycenes: A Supersonic Jet Studies. <i>Journal of the American Chemical Society</i> , 2006, 128, 2577-2586.   | 13.7 | 61        |
| 4  | The role of chirality in the competition between inter and intramolecular hydrogen bonds: jet-cooled van der Waals complexes of ( $\Delta\pm$ )2-naphthyl-1-ethanol with ( $\Delta\pm$ )1-amino-2-propanol and ( $\Delta\pm$ )2-amino-1-butanol. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 2867-2877. | 2.8  | 46        |
| 5  | Polarized Spectroscopy Studies of Single Molecules of Porphycenes: Tautomerism and Orientation. <i>Journal of Physical Chemistry C</i> , 2009, 113, 11514-11519.  | 3.1  | 45        |
| 6  | From ultrafast events to equilibrium "uncovering the unusual dynamics of ESIPT reaction: the case of dually fluorescent diethyl-2,5-(dibenzoxazolyl)-hydroquinone. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 2542.   | 2.8  | 44        |
| 7  | Vibrational study of the S <sub>0</sub> and S <sub>1</sub> states of 2-naphthyl-1-ethanol/(water) <sub>2</sub> and 2-naphthyl-1-ethanol/(methanol) <sub>2</sub> complexes by IR/UV double resonance spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 4658-4664.                                | 2.8  | 28        |
| 8  | Spectroscopic Study of Jet-Cooled Deuterated Porphycenes: Unusual Isotopic Effects on Proton Tunneling. <i>Journal of Physical Chemistry B</i> , 2015, 119, 2193-2203.  | 2.6  | 28        |
| 9  | Vibrations of porphycene in the S and S <sub>1</sub> electronic states: Single vibronic level dispersed fluorescence study in a supersonic jet. <i>Journal of Chemical Physics</i> , 2013, 138, 174201.   | 3.0  | 25        |
| 10 | Spectroscopic and microscopic investigations of tautomerization in porphycenes: condensed phases, supersonic jets, and single molecule studies. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 4921-4937.   | 2.8  | 24        |
| 11 | Excited-state intramolecular proton transfer reaction modulated by low-frequency vibrations: An effect of an electron-donating substituent on the dually fluorescent bis-benzoxazole. <i>Journal of Chemical Physics</i> , 2011, 135, 034307.   | 3.0  | 12        |
| 12 | Unusual effects in single molecule tautomerization: hemiporphycene. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 26591-26596.   | 2.8  | 5         |
| 13 | Excited State Intramolecular Proton Transfer of 2,5-bis(5-ethyl-2-benzoxazolyl)-hydroquinone and its OH/OD-isotopomers studied in supersonic jets. <i>Chemical Physics Letters</i> , 2015, 641, 153-157.  | 2.6  | 3         |
| 14 | Supersonic jet spectroscopy of parent hemiporphycene: Structural assignment and vibrational analysis for S <sub>0</sub> and S <sub>1</sub> electronic states. <i>Journal of Chemical Physics</i> , 2018, 149, 134307.   | 3.0  | 3         |
| 15 | Supersonic Jet Spectroscopy and Density Functional Theory Study of Isomeric Diazines: 1,4- and 1,8-Diazatriphenylene. Why Do They Differ So Deeply?. <i>Journal of Physical Chemistry A</i> , 2016, 120, 7817-7827.   | 2.5  | 2         |
| 16 | Searching for a near-infrared fluorescence band supporting a hypothetical double proton transfer in ESIPT reaction of 2,5-bis(2-benzoxazolyl) hydroquinone (BBHQ), as requested by theoreticians. <i>Journal of Molecular Structure</i> , 2021, 1233, 130069.   | 3.6  | 2         |
| 17 | Partial deuterium substitution as a tool for identification of the most stable conformer of a polyatomic molecule. A case of the 2,5-bis(2-benzoxazolyl)-1,4-dimethoxybenzene in supersonic jet. <i>Chemical Physics Letters</i> , 2012, 554, 43-46.  | 2.6  | 1         |
| 18 | 2,5-bis(2-benzoxazolyl)hydroquinone (BBHQ), a dually fluorescent ESIPT system revisited: XRD analysis and supersonic jet studies of deuterated species. <i>Journal of Molecular Structure</i> , 2018, 1171, 843-849.  | 3.6  | 1         |

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|----|---|-----|-----------|
| 19 | Orientation of Single Dibenzanthrene Molecules in Solid Xenon. Acta Physica Polonica A, 2007, 112, S-121-S-126. | 0.5 | 0         |