Jerzy SepioÅ,

List of Publications by Year
in descending order

19	469	840776 11	839539 18
papers	citations	h-index	g-index

19	19	19	419
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Searching for a near-infrared fluorescence band supporting a hypothetical double proton transfer in ESIPT reaction of 2,5-bis(2â€²-benzoxazolyl) hydroquinone (BBHQ), as requested by theoreticians. Journal of Molecular Structure, 2021, 1233, 130069.	3.6	2
2	Unusual effects in single molecule tautomerization: hemiporphycene. Physical Chemistry Chemical Physics, 2018, 20, 26591-26596.	2.8	5
3	Supersonic jet spectroscopy of parent hemiporphycene: Structural assignment and vibrational analysis for S0 and S1 electronic states. Journal of Chemical Physics, 2018, 149, 134307.	3.0	3
4	2,5-bis(2â€²-benzoxazolyl)hydroquinone (BBHQ), a dually fluorescent ESIPT system revisited: XRD analysis and supersonic jet studies of deuterated species. Journal of Molecular Structure, 2018, 1171, 843-849.	3.6	1
5	Spectroscopic and microscopic investigations of tautomerization in porphycenes: condensed phases, supersonic jets, and single molecule studies. Physical Chemistry Chemical Physics, 2017, 19, 4921-4937.	2.8	24
6	Supersonic Jet Spectroscopy and Density Functional Theory Study of Isomeric Diazines: 1,4- and 1,8-Diazatriphenylene. Why Do They Differ So Deeply?. Journal of Physical Chemistry A, 2016, 120, 7817-7827.	2.5	2
7	Excited State Intramolecular Proton Transfer of 2,5-bis(5-ethyl-2-benzoxazolyl)-hydroquinone and its OH/OD-isotopomers studied in supersonic jets. Chemical Physics Letters, 2015, 641, 153-157.	2.6	3
8	Spectroscopic Study of Jet-Cooled Deuterated Porphycenes: Unusual Isotopic Effects on Proton Tunneling. Journal of Physical Chemistry B, 2015, 119, 2193-2203.	2.6	28
9	From ultrafast events to equilibrium â€“ uncovering the unusual dynamics of ESIPT reaction: the case of dually fluorescent diethyl-2,5-(dibenzoxazolyl)-hydroquinone. Physical Chemistry Chemical Physics, 2014, 16, 2542.	2.8	44
10	Vibrations of porphycene in the S and S1 electronic states: Single vibronic level dispersed fluorescence study in a supersonic jet. Journal of Chemical Physics, 2013, 138, 174201.	3.0	25
11	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. Chemical Physics Letters, 2012, 554, 43-46.	2.6	1
12	Excited-state intramolecular proton transfer reaction modulated by low-frequency vibrations: An effect of an electron-donating substituent on the dually fluorescent bis-benzoxazole. Journal of Chemical Physics, 2011, 135, 034307.	3.0	12
13	Polarized Spectroscopy Studies of Single Molecules of Porphycenes: Tautomerism and Orientation. Journal of Physical Chemistry C, 2009, 113, 11514-11519.	3.1	45
14	Orientation of Single Dibenzanthanthrene Molecules in Solid Xenon. Acta Physica Polonica A, 2007, 112, S-121-S-126.	0.5	0
15	Evidence for Two Forms, Double Hydrogen Tunneling, and Proximity of Excited States in Bridge-Substituted Porphycenes:Â Supersonic Jet Studies. Journal of the American Chemical Society, 2006, 128, 2577-2586.	13.7	61
16	Imaging of Tautomerism in a Single Molecule. Journal of the American Chemical Society, 2005, 127, 5302-5303.	13.7	74
17	The role of chirality in the competition between inter and intramolecular hydrogen bonds: jet-cooled van der Waals complexes of (Â±)2-naphthyl-1-ethanol with (Â±)1-amino-2-propanol and (Â±)2-amino-1-butanol. Physical Chemistry Chemical Physics, 2004, 6, 2867-2877.	2.8	46
18	Vibrational study of the S0and S1states of 2-naphthyl-1-ethanol/(water)2and 2-naphthyl-1-ethanol/(methanol)2complexes by IR/UV double resonance spectroscopy. Physical Chemistry Chemical Physics, 2004, 6, 4658-4664.	2.8	28

#	Article	IF	Citations
19	Proton tunnelling in porphycene seeded in a supersonic jet. Chemical Physics Letters, 1998, 296, 549-556.	2.6	65