Kamil Polok

List of Publications by Year
in descending order

19	198	1162367 8	1058022 14
papers	citations	h-index	g-index

22	22	22	232
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Search for the origin of synergistic solvation in methanol/chloroform mixture using optical Kerr effect spectroscopy. Journal of Molecular Liquids, 2022, 345, 117013.	2.3	8
2	Time resolved transient transmission spectroscopy of TiCl4 and SnCl4. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 280, 121507.	2.0	0
3	Effect of the Mixture Composition of BmimBF₄â€“Acetonitrile on the Excited-State Relaxation Dynamics of a Solar-Cell Dye D149: An Ultrafast Transient Absorption Study. Journal of Physical Chemistry C, 2021, 125, 17841-17852.	1.5	0
4	Dynamics in the BMIM PF₆/acetonitrile mixtures observed by femtosecond optical Kerr effect and molecular dynamics simulations. Physical Chemistry Chemical Physics, 2020, 22, 24544-24554.	1.3	3
5	Voronoi Polyhedra as a Tool for the Characterization of Inhomogeneous Distribution in 1-Butyl-3-methylimidazolium Cation-Based Ionic Liquids. Journal of Physical Chemistry B, 2020, 124, 10419-10434.	1.2	6
6	Fine structures in Raman spectra of tetrahedral tetrachloride molecules in femtosecond coherent spectroscopy. Journal of Chemical Physics, 2019, 150, 244505.	1.2	3
7	Temperature-Dependent Ultrafast Solvation Response and Solute Diffusion in Acetamideâ€“Urea Deep Eutectic Solvent. Journal of Physical Chemistry B, 2019, 123, 9212-9221.	1.2	25
8	The influence of interactions between isotopoloques on coherent, ultrafast vibrational dynamics of liquid C2Cl4. Physical Chemistry Chemical Physics, 2018, 20, 5149-5158.	1.3	2
9	Simulations of the OKE Response in Simple Liquids Using a Polarizable and a Nonpolarizable Force Field. Journal of Physical Chemistry B, 2018, 122, 1638-1654.	1.2	9
10	Dynamics of intermolecular interactions in CCl₄via the isotope effect by femtosecond time-resolved spectroscopy. Physical Chemistry Chemical Physics, 2016, 18, 16046-16054.	1.3	6
11	Femtosecond optical Kerr effect setup with signal â€œlive viewâ€•for measurements in the solid, liquid, and gas phases. Review of Scientific Instruments, 2015, 86, 103109.	0.6	10
12	A comparison of force fields for ethanolâ€“water mixtures. Molecular Simulation, 2015, 41, 699-712.	0.9	34
13	Coherent optical phonons in pure and Pr3+ doped YAG crystal studied by Optical Kerr Effect spectroscopy: Temperature and concentration dependence. Chemical Physics, 2014, 442, 119-127.	0.9	4
14	Inhomogeneous Distribution in Methanol/Acetone Mixture: Vibrational and NMR Spectroscopy Analysis. Journal of Physical Chemistry B, 2014, 118, 1416-1425.	1.2	14
15	Free Energy of Mixing of Acetone and Methanol: A Computer Simulation Investigation. Journal of Physical Chemistry B, 2013, 117, 16157-16164.	1.2	24
16	Coherent optical phonons in alexandrite crystal studied by Optical Kerr Effect spectroscopy. Journal of Raman Spectroscopy, 2013, 44, 1312-1316.	1.2	3
17	Detailed insight into the hydrogen bonding interactions in acetoneâ€“methanol mixtures. A molecular dynamics simulation and Voronoi polyhedra analysis study. Physical Chemistry Chemical Physics, 2012, 14, 5979.	1.3	24
18	Low frequency response of methanol/acetone mixtures: Optical Kerr effect and molecular dynamics simulations. Journal of Molecular Liquids, 2012, 176, 29-32.	2.3	11

#	Article	IF	Citations
19	Molecular dynamics simulations and femtosecond optical Kerr effect spectroscopy of methanol/acetone mixtures. Journal of Molecular Liquids, 2011, 159, 60-69.	2.3	12