

## Załącznik 1 / Attachment 1

### Teksty publikacji wchodzących w skład osiągnięcia naukowego

### Texts of the publications included into scientific achievement

[A1] **E. Juszyńska**, M. Jasiurkowska, M. Massalska-Arodź, D. Takajo, A. Inaba, *Phase transition and structure studies of a liquid crystalline schiff-base compound (4O.8)*, Mol. Cryst. Liq. Cryst. 540 (2011) 127-134.

[A2] **E. Juszyńska-Gałązka**, M. Gałązka, M. Massalska-Arodź, A. Bąk, K. Chłędowska, W. Tomczyk, *Phase behavior and dynamics of the liquid crystal 4'-butyl-4-(2-methylbutoxy)azoxybenzene (4ABO5\*)*, J. Phys. Chem. B 118 (2014) 14982-14989.

[A3] **E. Juszyńska-Gałązka**, W. Zając, *QENS study of molecular motions in partially deuterated liquid crystal 4BT*, Phase Transit. 89 (2016) 411-418.

[A4] **E. Juszyńska-Gałązka**, M. Massalska-Arodź, A. Budziak, N. Osiecka, D. Madej, D. Majda, *Polymorphism, structure and dynamics investigations of 4-cyano-3-fluorophenyl 4'-n-octylbenzoate (8CFPB) liquid crystal*, Vib. Spectrosc. 92 (2017) 119-126.

[A5] **E. Juszyńska-Gałązka**, N. Osiecka, A. Budziak, *Fourier transform infrared spectroscopy and X-ray diffraction studies of the molecular motions and structure changes of liquid crystal N-P-(Ethoxybenzylidene) p'-propylaniline (EBPA)*, Vib. Spectrosc. 92 (2017) 62-69.

[A6] E. Dryzek, **E. Juszyńska**, R. Zaleski, B. Jasińska, M. Gorgol, M. Massalska-Arodź, *Positron annihilation studies of 4-n-butyl-4'-isothiocyanato-1,1'-biphenyl*, Phys. Rev. E 88 (2013) 022504: 1-8.

[A7] E. Dryzek, **E. Juszyńska-Gałązka**, *Positronium formation and annihilation in liquid crystalline smectic-E phase revisited*, Phys. Rev. E 93 (2016) 022705: 1-4.

[A8] **E. Juszyńska-Gałązka**, W. Zając, Y. Yamamura, K. Saito, N. Juruś, *Vibrational dynamics of glass forming: 2-phenylbutan-1-ol (BEP), 2-(trifluoromethyl)phenethyl alcohol (2TFMP) and 4-(trifluoromethyl)phenethyl alcohol (4TFMP) in their thermodynamic phases*, Phase Transit. 91 (2018) 170-185.