

# Aneta Awb WoÅ°niak-Braszak

## List of Publications by Year in descending order

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32  
papers

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Review of Recent Developments of Glass Transition in PVC Nanocomposites. <i>Polymers</i> , 2021, 13, 4336.	4.5	29
2	High homogeneity B1 30.2MHz Nuclear Magnetic Resonance Probe for off-resonance relaxation times measurements. <i>Journal of Magnetic Resonance</i> , 2011, 208, 163-166.	2.1	18
3	NMR strong off-resonance irradiation without sample overheating. <i>Solid State Nuclear Magnetic Resonance</i> , 2004, 25, 119-124.	2.3	17
4	The Instrument Set for Generating Fast Adiabatic Passage. <i>Applied Magnetic Resonance</i> , 2012, 43, 331-340.	1.2	14
5	Effect of Composition on the Molecular Dynamics of Biodegradable Isotactic Polypropylene/Thermoplastic Starch Blends. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 16050-16059.	6.7	13
6	Electric properties and internal dynamics of the [C <sub>6</sub> H <sub>18</sub> N <sub>2</sub> ] SbCl <sub>5</sub> [C <sub>6</sub> H <sub>18</sub> N <sub>2</sub> ] Cl <sub>2</sub> in intermediate temperature phase (part II). <i>Polyhedron</i> , 2015, 85, 131-136.	2.2	12
7	Poly(L-Lactic Acid)/Pine Wood Bio-Based Composites. <i>Materials</i> , 2020, 13, 3776.	2.9	12
8	Characterization of poly(ethylene 2,6-naphthalate)/polycarbonate blends by DSC, NMR off-resonance and DMTA methods. <i>European Polymer Journal</i> , 2015, 64, 62-69.	5.4	9
9	The aging process of hydrogel contact lenses studied by <sup>1</sup> H NMR and DSC methods. <i>European Polymer Journal</i> , 2016, 76, 135-146.	5.4	9
10	Dispersion of Water Proton Spin Lattice Relaxation Rates in Aqueous Solutions of Multiwall Carbon Nanotubes (MWCNTs) Stabilized via Alkylloxymethylimidazolium Surfactants. <i>Journal of Physical Chemistry C</i> , 2017, 121, 11839-11850.	3.1	9
11	Polymorphism and molecular motions in n-nonylammonium chloride. <i>Chemical Physics Letters</i> , 1993, 215, 493-498.	2.6	8
12	Local motions in poly(ethylene-co-norbornene) studied by <sup>1</sup> H NMR relaxometry. <i>Solid State Nuclear Magnetic Resonance</i> , 2015, 71, 67-72.	2.3	8
13	APTES-Modified SBA-15 as a Non-Toxic Carrier for Phenylbutazone. <i>Materials</i> , 2022, 15, 946.	2.9	8
14	Solid state <sup>1</sup> H NMR study of molecular dynamics and domain sizes in PBT with the fullerene derivatives: Decylamine-C <sub>60</sub> and tetracyanoethylene oxide-C <sub>60</sub> . <i>Journal of Non-Crystalline Solids</i> , 2011, 357, 1164-1171.	3.1	7
15	Improved solubility of lornoxicam by inclusion into SBA-15: Comparison of loading methods. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 171, 106133.	4.0	7
16	Effect of Fullerene Derivates on Thermal and Crystallization Behavior of PBT/Decylamine- and PBT/TCNEO- Nanocomposites. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-8.	2.7	6
17	Methodology for solid state NMR study of cross relaxation and molecular dynamics in heteronuclear systems. <i>Solid State Nuclear Magnetic Resonance</i> , 2013, 53, 38-43.	2.3	6
18	Proton longitudinal NMR relaxation of poly(p-phenylene sulfide) in the laboratory and the rotating frames reference. <i>Solid State Nuclear Magnetic Resonance</i> , 2004, 25, 47-52.	2.3	5

#	ARTICLE	IF	CITATIONS
19	Molecular dynamics of poly(ethylene 2,6-naphthalate)-polycarbonate composite by nuclear magnetic resonance. <i>Applied Magnetic Resonance</i> , 2005, 29, 221-229.	1.2	5
20	Modification of the Release of Poorly Soluble Sulindac with the APTES-Modified SBA-15 Mesoporous Silica. <i>Pharmaceutics</i> , 2021, 13, 1693.	4.5	5
21	Investigation of molecular reorientation in poly(butylene terephthalate)/decylamine/fullerene nanocomposites. <i>Journal of Non-Crystalline Solids</i> , 2010, 356, 647-651.	3.1	4
22	Complementary study of molecular dynamics and domain sizes in heterogenous nanocomposites PBT/DA-C60 and PBT/TCNEO-C60. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	4
23	Structure and internal dynamics of N,N-diethylethyldiammonium pentachloroantimoniate(III)â€N,N-diethylethyldiammonium dichloride. <i>Polyhedron</i> , 2014, 70, 85-91.	2.2	4
24	Structure and internal dynamics of bis(piperazine-1,4-dium) pentachloroantimonate (III) monohydrate. <i>Polyhedron</i> , 2014, 79, 37-42.	2.2	4
25	Methodology for solid state NMR off-resonance study of molecular dynamics in heteronuclear systems. <i>Solid State Nuclear Magnetic Resonance</i> , 2015, 71, 73-79.	2.3	4
26	The Lipari-Szabo Model-Free Analysis as a Method for Study of Molecular Motion in Solid State Heteronuclear Systems Using NMR Off-Resonance. <i>Applied Magnetic Resonance</i> , 2016, 47, 567-574.	1.2	4
27	Adiabatic fast passage application in solid state NMR study of cross relaxation and molecular dynamics in heteronuclear systems. <i>Journal of Magnetic Resonance</i> , 2016, 262, 27-32.	2.1	2
28	Study of cross - relaxation and molecular dynamics in the solid 3-(trifluoromethyl) benzoic acid by solid state NMR off - resonance. <i>Solid State Nuclear Magnetic Resonance</i> , 2017, 81, 8-10.	2.3	2
29	Molecular dynamics in polyester resin doped with barium titanate nanoparticles studied by 1H NMR techniques. <i>Journal of Physics and Chemistry of Solids</i> , 2020, 146, 109550.	4.0	2
30	Molecular Reorientations of N-n-Hexyltetrachlorophthalimide Studied by <sup>1</sup> H NMR. <i>Acta Physica Polonica A</i> , 2010, 117, 537-548.	0.5	1
31	Molecular dynamics of poly(ethylene terephthalate)/poly(phenylene sulfide) nanocomposites with barium titanate. <i>Open Physics</i> , 2011, 9, .	1.7	0
32	Structure and Internal Dynamics of Acid K Salt of (E)-2-hydroxyimino-2-cyanoacetic Acid Ethyl Ester. <i>Zeitschrift Fur Physikalische Chemie</i> , 2016, 230, 231-247.	2.8	0