Ewa Kaminska

List of Publications by Year
in descending order

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99	1,824	236925	330143
papers	citations	25 h-index	37 g-index

99	99	99	1041
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Studies on the Vitrified and Cryomilled Bosentan. Molecular Pharmaceutics, 2022, 19, 80-90.	4.6	2
2	Variation in the local ordering, H-bonding pattern and molecular dynamics in the pressure densified ritonavir. Journal of Molecular Liquids, 2022, 351, 118666.	4.9	2
3	Studies on the Molecular Dynamics at High Pressures as a Key to Identify the Sub-Rouse Mode in PMMS. Macromolecules, 2022, 55, 5581-5590.	4.8	3
4	The impact of the size of acetylated cyclodextrin on the stability of amorphous metronidazole. International Journal of Pharmaceutics, 2022, 624, 122025.	5.2	3
5	High pressure aging studies on the low-molecular weight glass-forming pharmaceutical â€“ Probucol. Journal of Molecular Liquids, 2021, 321, 114626.	4.9	7
6	Anormal Thermal History Effect on the Structural Dynamics of Probucol Infiltrated into Porous Alumina. Journal of Physical Chemistry C, 2021, 125, 3901-3912.	3.1	7
7	Is a Dissociation Process Underlying the Molecular Origin of the Debye Process in Monohydroxy Alcohols?. Journal of Physical Chemistry B, 2021, 125, 2960-2967.	2.6	5
8	Synthetic strategy matters: The study of a different kind of PVP as micellar vehicles of metronidazole. Journal of Molecular Liquids, 2021, 332, 115789.	4.9	9
9	High-Pressure Dielectric Studiesâ€”a Way to Experimentally Determine the Solubility of a Drug in the Polymer Matrix at Low Temperatures. Molecular Pharmaceutics, 2021, 18, 3050-3062.	4.6	4
10	Anomalous narrowing of the shape of the structural process in derivatives of trehalose at high pressure. The role of the internal structure. Journal of Molecular Liquids, 2021, 336, 116321.	4.9	6
11	How does pressure affect the molecular dynamics, intramolecular interactions, and the relationship between structural (Î±) and secondary (JG-Î²) relaxation above and below the glass transition temperature in binary mixtures of H-bonded API â€“ probucol and acetylated saccharides?. European Journal of Pharmaceutical Sciences, 2021, 164, 105894.	4.0	2
12	The Impact of the Length of Alkyl Chain on the Behavior of Benzyl Alcohol Homologous. The Interplay Between Dispersive and Hydrogen Bond Interactions. Physical Chemistry Chemical Physics, 2021, 23, 23796-23807.	2.8	9
13	Impact of the Chain Length and Topology of the Acetylated Oligosaccharide on the Crystallization Tendency of Naproxen from Amorphous Binary Mixtures. Molecular Pharmaceutics, 2021, 18, 347-358.	4.6	2
14	High pressure as a novel tool for the cationic ROP of Î³-butyrolactone. RSC Advances, 2021, 11, 34806-34819.	3.6	2
15	The influence of the nanocurvature on the surface interactions and molecular dynamics of model liquid confined in cylindrical pores. Journal of Molecular Liquids, 2020, 298, 111973.	4.9	7
16	Does the molecular mobility and flexibility of the saccharide ring affect the glass-forming ability of naproxen in binary mixtures?. European Journal of Pharmaceutical Sciences, 2020, 141, 105091.	4.0	6
17	Studies on the internal medium-range ordering and high pressure dynamics in modified ibuprofens. Physical Chemistry Chemical Physics, 2020, 22, 295-305.	2.8	10
18	Relationship between Nanoscale Supramolecular Structure, Effectiveness of Hydrogen Bonds, and Appearance of Debye Process. Journal of Physical Chemistry C, 2020, 124, 2672-2679.	3.1	12

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19	Breakdown of the isochronal structural (Î±) and secondary (JG Î²) exact superpositioning in probucol - A low molecular weight pharmaceutical. Journal of Molecular Liquids, 2020, 299, 112169.	4.9	13
20	The impact of chemical structure on the formation of the medium-range order and dynamical properties of selected antifungal APIs. Physical Chemistry Chemical Physics, 2020, 22, 28202-28212.	2.8	4
21	Influence of High Pressure on the Local Order and Dynamical Properties of the Selected Azole Antifungals. Journal of Physical Chemistry B, 2020, 124, 11949-11961.	2.6	6
22	Influence of the Internal Structure and Intermolecular Interactions on the Correlation between Structural (Î±) and Secondary (Î²-JG) Relaxation below the Glass Transition Temperature in Neat Probucol and Its Binary Mixtures with Modified Saccharides. Journal of Physical Chemistry B, 2020, 124, 4821-4834.	2.6	5
23	Unique Behavior of Poly(propylene glycols) Confined within Alumina Templates Having a Nanostructured Interface. Nano Letters, 2020, 20, 5714-5719.	9.1	8
24	Influence of Annealing in the Close Vicinity of T_g on the Reorganization within Dimers and Its Impact on the Crystallization Kinetics of Gemfibrozil. Molecular Pharmaceutics, 2020, 17, 990-1000.	4.6	1
25	High-pressure experiments as a novel perspective to study the molecular dynamics of glass-forming materials confined at the nanoscale. Nanoscale, 2020, 12, 10600-10608.	5.6	5
26	The impact of various azole antifungals on the liquid crystalline ordering in itraconazole. Journal of Molecular Liquids, 2020, 307, 112959.	4.9	8
27	Dramatic slowing down of the conformational equilibrium in the silyl derivative of glucose in the vicinity of the glass transition temperature. Soft Matter, 2019, 15, 7429-7437.	2.7	1
28	High-Pressure Studies on the Chain and Segmental Dynamics of a Series of Poly(propylene glycol) Derivatives. Macromolecules, 2019, 52, 5658-5669.	4.8	8
29	Studying tautomerism in an important pharmaceutical glibenclamide confined in the thin nanometric layers. Colloids and Surfaces B: Biointerfaces, 2019, 182, 110319.	5.0	5
30	The Impact of Liquid Crystalline Phase Ordering on the Thermodynamic Scaling of Itraconazole. Journal of Physical Chemistry C, 2019, 123, 4558-4566.	3.1	6
31	Varying thermodynamic conditions as a new way to tune the molecular order in glassy itraconazole. Journal of Molecular Liquids, 2019, 286, 110920.	4.9	2
32	Studying structural and local dynamics in model H-bonded active ingredient â€" Curcumin in the supercooled and glassy states at various thermodynamic conditions. European Journal of Pharmaceutical Sciences, 2019, 135, 38-50.	4.0	12
33	The Impact of Molecular Weight on the Behavior of Poly(propylene glycol) Derivatives Confined within Alumina Templates. Macromolecules, 2019, 52, 3516-3529.	4.8	24
34	Impact of the Interfacial Energy and Density Fluctuations on the Shift of the Glass-Transition Temperature of Liquids Confined in Pores. Journal of Physical Chemistry C, 2019, 123, 5549-5556.	3.1	22
35	Studies on the molecular dynamics of acetylated oligosaccharides of different topologies (linear) Tj ETQq1 1 0.784314 rgBT /Overlock	10.2	6
36	Studying the Crystal Growth of Selected Active Pharmaceutical Ingredients from Single- and Two-Component Systems above and below the Glass Transition Temperature. Crystal Growth and Design, 2019, 19, 1031-1040.	3.0	3

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37	Anhydrosaccharidesâ€"A new class of the fragile plastic crystals. Journal of Chemical Physics, 2018, 148, 074501.	3.0	9
38	Unexpected Crossover in the kinetics of mutarotation in the supercooled region: the role of H-bonds. Scientific Reports, 2018, 8, 5312.	3.3	3
39	Melts of Octaacetyl Sucrose as Oral-Modified Release Dosage Forms for Delivery of Poorly Soluble Compound in Stable Amorphous Form. AAPS PharmSciTech, 2018, 19, 951-960.	3.3	3
40	Conformational changes underlying variation in the structural dynamics of materials confined at the nanometric scale. Physical Chemistry Chemical Physics, 2018, 20, 30200-30208.	2.8	12
41	Variation in the Molecular Dynamics of DGEBA Confined within AAO Templates above and below the Glass-Transition Temperature. Journal of Physical Chemistry C, 2018, 122, 28033-28044.	3.1	23
42	Impact of Intermolecular Interactions, Dimeric Structures on the Glass Forming Ability of Naproxen, and a Series of Its Derivatives. Molecular Pharmaceutics, 2018, 15, 4764-4776.	4.6	13
43	High-pressure dielectric studies on 1,6-anhydro-Î²-D-mannopyranose (plastic crystal) and 2,3,4-tri-O-acetyl-1,6-anhydro-Î²-D-glucopyranose (canonical glass). Journal of Chemical Physics, 2018, 148, 204510.	3.0	13
44	Studies on dynamics and isomerism in supercooled photochromic compound Aberchrome 670 with the use of different experimental techniques. Physical Chemistry Chemical Physics, 2018, 20, 18009-18019.	2.8	3
45	Studying molecular dynamics of the slow, structural, and secondary relaxation processes in series of substituted ibuprofens. Journal of Chemical Physics, 2018, 148, 224505.	3.0	14
46	The Role of Interfacial Energy and Specific Interactions on the Behavior of Poly(propylene glycol) Derivatives under 2D Confinement. Macromolecules, 2018, 51, 4840-4852.	4.8	35
47	Studying of crystal growth and overall crystallization of naproxen from binary mixtures. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 113, 75-87.	4.3	14
48	Studying the Crystallization of Various Polymorphic Forms of Nifedipine from Binary Mixtures with the Use of Different Experimental Techniques. Molecular Pharmaceutics, 2017, 14, 2116-2125.	4.6	16
49	High pressure studies on structural and secondary relaxation dynamics in silyl derivative of D-glucose. Journal of Chemical Physics, 2017, 147, 064502.	3.0	13
50	A study on the progress of mutarotation above and below the Tg and the relationship between constant rates and structural relaxation times. Physical Chemistry Chemical Physics, 2017, 19, 20949-20958.	2.8	3
51	Interplay between the static ordering and dynamical heterogeneities determining the dynamics of rotation and ordinary liquid phases in 1,6-anhydro-Î²-D-glucose. Scientific Reports, 2017, 7, 42103.	3.3	9
52	High pressure dielectric studies on the structural and orientational glass. Journal of Chemical Physics, 2016, 144, 054503.	3.0	25
53	The peculiar behavior of the molecular dynamics of a glass-forming liquid confined in native porous materials â€" the role of negative pressure. Physical Chemistry Chemical Physics, 2016, 18, 23709-23714.	2.8	35
54	Studies on the Temperature and Time Induced Variation in the Segmental and Chain Dynamics in Poly(propylene glycol) Confined at the Nanoscale. Macromolecules, 2016, 49, 6678-6686.	4.8	48

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55	Crystallization Kinetics under Confinement. Manipulation of the Crystalline Form of Salol by Varying Pore Diameter. Crystal Growth and Design, 2016, 16, 1218-1227.	3.0	22
56	Interplay between Core and Interfacial Mobility and Its Impact on the Measured Glass Transition: Dielectric and Calorimetric Studies. Journal of Physical Chemistry C, 2016, 120, 7373-7380.	3.1	39
57	Observation of the nearly constant loss in super rigid saccharides: in search of a hidden crossover in dynamics deep in the glassy state. Physical Chemistry Chemical Physics, 2016, 18, 8901-8910.	2.8	9
58	The Improvement of the Dissolution Rate of Ziprasidone Free Base from Solid Oral Formulations. AAPS PharmSciTech, 2015, 16, 922-933.	3.3	15
59	Decoupling between the Interfacial and Core Molecular Dynamics of Salol in 2D Confinement. Journal of Physical Chemistry C, 2015, 119, 14366-14374.	3.1	49
60	Studying the Impact of Modified Saccharides on the Molecular Dynamics and Crystallization Tendencies of Model API Nifedipine. Molecular Pharmaceutics, 2015, 12, 3007-3019.	4.6	30
61	Thermodynamic scaling of molecular dynamics in supercooled liquid state of pharmaceuticals: Itraconazole and ketoconazole. Journal of Chemical Physics, 2015, 142, 224507.	3.0	7
62	Changes in dynamics of the glass-forming pharmaceutical nifedipine in binary mixtures with octaacetylmaltose. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 97, 185-191.	4.3	15
63	The kinetics of mutarotation in L-fucose as monitored by dielectric and infrared spectroscopy. Journal of Chemical Physics, 2014, 140, 215101.	3.0	15
64	Impact of low molecular weight excipient octaacetylmaltose on the liquid crystalline ordering and molecular dynamics in the supercooled liquid and glassy state of itraconazole. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 88, 1094-1104.	4.3	15
65	Molecular dynamics of itraconazole confined in thin supported layers. RSC Advances, 2014, 4, 28432-28438.	3.6	28
66	Impact of Inter- and Intramolecular Interactions on the Physical Stability of Indomethacin Dispersed in Acetylated Saccharides. Molecular Pharmaceutics, 2014, 11, 2935-2947.	4.6	25
67	Enhancement of the Physical Stability of Amorphous Indomethacin by Mixing it with Octaacetylmaltose. Inter and Intra Molecular Studies. Pharmaceutical Research, 2014, 31, 2887-2903.	3.5	15
68	Molecular dynamics of itraconazole at ambient and high pressure. Physical Chemistry Chemical Physics, 2013, 15, 20742.	2.8	62
69	A New Way of Stabilization of Furosemide upon Cryogenic Grinding by Using Acylated Saccharides Matrices. The Role of Hydrogen Bonds in Decomposition Mechanism. Molecular Pharmaceutics, 2013, 10, 1824-1835.	4.6	26
70	Effect of Formononetin on Mechanical Properties and Chemical Composition of Bones in Rats with Ovariectomy-Induced Osteoporosis. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-10.	1.2	32
71	Dielectric Studies on Molecular Dynamics of Two Important Disaccharides: Sucrose and Trehalose. Molecular Pharmaceutics, 2012, 9, 1559-1569.	4.6	20
72	Impact of water on molecular dynamics of amorphous<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi></mml:math>-,<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></mml:math>-, and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>-cyclodextrins studied by dielectric spectroscopy. Phy	2.1	20

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73	Do Intermolecular Interactions Control Crystallization Abilities of Glass-Forming Liquids?. Journal of Physical Chemistry B, 2011, 115, 11537-11547.	2.6	38
74	Probing of structural relaxation times in the glassy state of sucrose and trehalose based on dynamical properties of two secondary relaxation processes. Physical Review E, 2011, 83, 061502.	2.1	16
75	Comparative dielectric studies on two hydrogen-bonded and van der Waals liquids. Physical Review E, 2011, 83, 061506.	2.1	23
76	Dielectric Relaxation Study on Tramadol Monohydrate and Its Hydrochloride Salt. Journal of Pharmaceutical Sciences, 2010, 99, 94-106.	3.3	33
77	Dynamics of the slow mode in the family of six-carbon monosaccharides monitored by dielectric spectroscopy. Journal of Physics Condensed Matter, 2010, 22, 365103.	1.8	7
78	Origin of the Commonly Observed Secondary Relaxation Process in Saccharides. Journal of Physical Chemistry B, 2010, 114, 11272-11281.	2.6	32
79	Observation of the dynamics of clusters in d-glucose with the use of dielectric spectroscopy. Physical Chemistry Chemical Physics, 2010, 12, 723-730.	2.8	15
80	Transformation of the Strongly Hydrogen Bonded System into van der Waals one Reflected in Molecular Dynamics. NATO Science for Peace and Security Series A: Chemistry and Biology, 2010, , 359-376.	0.5	1
81	Dielectric properties of two diastereoisomers of the arabinose and their equimolar mixture. Carbohydrate Research, 2009, 344, 2547-2553.	2.3	17
82	Broadband Dielectric Relaxation Study at Ambient and Elevated Pressure of Molecular Dynamics of Pharmaceutical: Indomethacin. Journal of Physical Chemistry B, 2009, 113, 12536-12545.	2.6	125
83	Identifying the Origins of Two Secondary Relaxations in Polysaccharides. Journal of Physical Chemistry B, 2009, 113, 10088-10096.	2.6	49
84	Correlation between primary and secondary Johariâ€“Goldstein relaxations in supercooled liquids: Invariance to changes in thermodynamic conditions. Journal of Chemical Physics, 2008, 128, 044512.	3.0	107
85	Recent advances in fundamental understanding of glass transition. Journal of Non-Crystalline Solids, 2008, 354, 5085-5088.	3.1	22
86	Identification of the Molecular Motions Responsible for the Slower Secondary (Î²) Relaxation in Sucrose. Journal of Physical Chemistry B, 2008, 112, 7662-7668.	2.6	48
87	Dielectric Studies on Mobility of the Glycosidic Linkage in Seven Disaccharides. Journal of Physical Chemistry B, 2008, 112, 12816-12823.	2.6	66
88	Dielectric relaxation study of the dynamics of monosaccharides: D-ribose and 2-deoxy-D-ribose. Journal of Physics Condensed Matter, 2008, 20, 335104.	1.8	17
89	High pressure study on molecular mobility of leucrose. Journal of Chemical Physics, 2008, 129, 084501.	3.0	27
90	Additive property of secondary relaxation processes in di-n-octyl and di-isooctyl phthalates: Signature of non-Johari-Goldstein relaxation. Journal of Chemical Physics, 2007, 126, 174501.	3.0	6

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91	The True Johariâ"Goldstein Î²-Relaxation of Monosaccharides. Journal of Physical Chemistry B, 2006, 110, 25045-25049.	2.6	68
92	Anomalous Narrowing of the Structural Relaxation Dispersion of Tris(dimethylsiloxy)phenylsilane at Elevated Pressures. Journal of Physical Chemistry B, 2006, 110, 7678-7681.	2.6	10
93	Characterization and identification of the nature of two different kinds of secondary relaxation in one glass-former. Journal of Non-Crystalline Solids, 2006, 352, 4672-4678.	3.1	26
94	Secondary dielectric relaxation in decahydroisoquinolineâ€"cyclohexane mixture. Journal of Non-Crystalline Solids, 2006, 352, 4685-4689.	3.1	10
95	The Importance of a Class of Secondary Relaxation Process in Glass-Forming Liquids. AIP Conference Proceedings, 2006, , .	0.4	1
96	Primary and secondary relaxations in supercooled eugenol and isoeugenol at ambient and elevated pressures: Dependence on chemical microstructure. Journal of Chemical Physics, 2006, 124, 164511.	3.0	25
97	Two secondary modes in decahydroisoquinoline: Which one is the true Johari Goldstein process?. Journal of Chemical Physics, 2005, 122, 234506.	3.0	48
98	Primary and secondary relaxations in bis-5-hydroxypentylphthalate revisited. Journal of Chemical Physics, 2005, 123, 204507.	3.0	15
99	Engineering ZnO/GaN Interfaces for Tunneling Ohmic Contacts to GaN. Materials Research Society Symposia Proceedings, 2002, 747, 1.	0.1	0