

Anton Baran

List of Publications by Year in descending order

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papers

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all docs

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docs citations

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times ranked

136
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#	ARTICLE	IF	CITATIONS
1	Effects of sorbitol and formamide plasticizers on molecular motion in corn starch studied using NMR and DMTA. Journal of Applied Polymer Science, 2020, 137, 48964.	2.6	23
2	Solid state ¹³ C NMR study of a plasticized PLA/PHB polymer blend. Journal of Applied Polymer Science, 2018, 135, 46296.	2.6	14
3	Influence of aging on molecular motion in PBAT-thermoplastic starch blends studied using solid-state NMR. International Journal of Polymer Analysis and Characterization, 2020, 25, 275-282.	1.9	11
4	Influence of Nanoparticles on the Dielectric Response of a Single Component Resin Based on Polyesterimide. Polymers, 2022, 14, 2202.	4.5	9
5	Effects of urea and glycerol mixture on morphology and molecular mobility in thermoplastic starch/montmorillonite-type nanofiller composites studied using XRD and NMR. Journal of Polymer Research, 2022, 29, .	2.4	8
6	Multiferroic Bi _{0.65} La _{0.35} Fe _{0.5} Sc _{0.5} O ₃ perovskite: Magnetic and thermodynamic properties. Journal of Magnetism and Magnetic Materials, 2017, 429, 177-181.	2.3	7
7	Phase diagram of the sodium-rich Na _x CoO ₂ cobaltates. Physica Status Solidi (B): Basic Research, 2010, 247, 665-667.	1.5	5
8	Quantum criticality in CaRuO ₃ – Influence of Ti substitution. Physica Status Solidi (B): Basic Research, 2012, 249, 1607-1612.	1.5	5
9	Influence of on the magnetic state of. Journal of Magnetism and Magnetic Materials, 2007, 316, e699-e702.	2.3	4
10	Spin-glass polyamorphism induced by a magnetic field in LaMnO ₃ single crystal. Journal of Physics Condensed Matter, 2018, 30, 205801.	1.8	4
11	Heat capacity studies of the magnetic phase transition in sodium-rich Na _x CoO ₂ (0.73 ≤ x ≤ 0.87). Low Temperature Physics, 2009, 35, 807-809.	0.6	3
12	Characterization of native and plasticized starch using solid state NMR. AIP Conference Proceedings, 2018, , .	0.4	3
13	Low-temperature vibration characteristics in InSe single crystals intercalated by Ni. Low Temperature Physics, 2015, 41, 930-935.	0.6	2
14	Exchange bias phenomenon in (Nd _{1-x} Y _x) ₂ /3Ca ₁ /3MnO ₃ (x = 0, 0.1) perovskites. Low Temperature Physics, 2015, 41, 1001-1005.	0.6	1
15	Low Temperature Anomalies in the Specific Heat and Magnetic Susceptibility of Na _{0.7} CoO ₂ Samples. Acta Physica Polonica A, 2008, 113, 495-498.	0.5	1
16	Solid State ¹³ C Nuclear Magnetic Resonance Study of Morphology and Molecular Mobility in Quenched Poly(3-hydroxybutyrate). Acta Physica Polonica A, 2017, 131, 1144-1146.	0.5	1
17	Thermodynamic and Magnetotransport Properties of High Quality Na _{0.77} CoO ₂ Single Crystals. Acta Physica Polonica A, 2014, 126, 360-361.	0.5	0
18	Ti-Induced Ferromagnetism and the Specific Heat of CaTi _x Ru _{1-x} O ₃ (x=0, 0.005, 0.03). Acta Physica Polonica A, 2008, 113, 355-358.	0.5	0

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19	Magnetotransport Properties of $\text{CaTi}_x\text{Ru}_{1-x}\text{O}_3$ ($x=0, 0.07$). Acta Physica Polonica A, 2008, 113, 351-354.	0.5	0
20	Application of NMR techniques for detection of structural changes in starch-based polymer systems due to storage. AIP Conference Proceedings, 2021, , .	0.4	0