Raju Nanda

List of Publications by Year
in descending order

15 papers	213 citations	1039880 9 h-index	996849 15 g-index
15 all docs	15 docs citations	15 times ranked	369 citing authors

#	Article	IF	Citations
1	Molecular differences in collagen organization and in organic-inorganic interfacial structure of bones with and without osteocytes. Acta Biomaterialia, 2022, 144, 195-209.	4.1	9
2	Osteopontin regulates biomimetic calcium phosphate crystallization from disordered mineral layers covering apatite crystallites. Scientific Reports, 2020, 10, 15722.	1.6	23
3	NMR investigation of the thermogelling properties, anomalous diffusion, and structural changes in a Pluronic F127 triblock copolymer in the presence of gold nanoparticles. Colloid and Polymer Science, 2020, 298, 1571-1585.	1.0	7
4	Linking structure to performance of Li_{1.2}Mn_{0.54}Ni_{0.13}Co_{0.13}O₂ (Li and Mn) Tj ETQq0 0 0 rgBT /Overlock 2020, 22, 9098-9109.	1.3	22
5	Growth of Hybrid Inorganic/Organic Chiral Thin Films by Sequenced Vapor Deposition. ACS Nano, 2019, 13, 10397-10404.	7.3	8
6	Temperature dependent structure and dynamics in smectite interlayers: ²³Na MAS NMR spectroscopy of Na-hectorite. RSC Advances, 2019, 9, 12755-12765.	1.7	12
7	Structural and dynamical aspects of PEG/LiClO₄ in solvent mixtures via NMR spectroscopy. Magnetic Resonance in Chemistry, 2019, 57, 412-422.	1.1	3
8	A review of NMR methods used in the study of the structure and dynamics of ionic liquids. Magnetic Resonance in Chemistry, 2018, 56, 62-72.	1.1	37
9	The structural and dynamical role of water in natural organic matter: A 2H NMR and XRD study. Organic Geochemistry, 2018, 123, 90-102.	0.9	3
10	Thermal dynamics of lithium salt mixtures of ionic liquid in water by PGSE NMR spectroscopy. RSC Advances, 2016, 6, 36394-36406.	1.7	11
11	Nuclear magnetic resonance, fluorescence correlation spectroscopy and time-resolved fluorescence anisotropy studies of intermolecular interactions in bis(1-methyl-1H-imidazol-3-ium-3-yl)dihydroborate bis(trifluoromethylsulfonyl)amide and its mixtures with various cosolvents. Chemical Physics Letters, 2016, 661, 100-106.	1.2	9
12	Unusual linear dependency of viscosity with temperature in ionic liquid/water mixtures. Physical Chemistry Chemical Physics, 2016, 18, 25801-25805.	1.3	14
13	Experimental Signature of Microheterogeneity in Ionic Liquidâ€“H₂O Systems and Their Perturbation by Adding Li⁺ Salts: A Pulsed Gradient Spinâ€Echo NMR Approach. ChemPhysChem, 2015, 16, 2936-2941.	1.0	11
14	Phase Behavior, Diffusion, Structural Characteristics, and pH of Aqueous Hydrophobic Ionic Liquid Confined Media: Insights into Microviscosity and Microporsity in the [C₄C₄im][NTf₂] + Water System. Journal of Physical Chemistry B, 2015, 119, 1641-1653.	1.2	19
15	Interesting Viscosity Changes in the Aqueous Ureaâ€“Ionic Liquid System: Effect of Alkyl Chain Length Attached to the Cationic Ring of an Ionic Liquid. Journal of Solution Chemistry, 2015, 44, 742-753.	0.6	25