

Manish Singh

List of Publications by Year in descending order

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26
papers

952
citations

623734

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580821

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28
docs citations

28
times ranked

1504
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation on Ionic Conductivity and Raman Spectroscopic Studies of Ionic Liquid Immobilized PEO-Based Polymer Electrolytes. Springer Proceedings in Materials, 2022, , 41-49.	0.3	0
2	Biogenic and Non-Biogenic Waste Utilization in the Synthesis of 2D Materials (Graphene, h-BN, g-C2N) and Their Applications. Frontiers in Nanotechnology, 2021, 3, .	4.8	19
3	Behaviour of ionic liquid adsorbed on the surface of nano silica particles and in confined system of silica matrices. Surface Science, 2020, 701, 121701.	1.9	7
4	Removal of Confined Ionic Liquid from a Metal Organic Framework by Extraction with Molecular Solvents. Journal of Physical Chemistry C, 2017, 121, 10577-10586.	3.1	12
5	Role of reduced precursor and solvolytic reagent molar ratio on preparation and properties of ionogel. Journal of Solid State Chemistry, 2016, 242, 29-37.	2.9	7
6	Influence of Water on the Chemistry and Structure of the Metal-Organic Framework Cu ₃ (btc) ₂ . Journal of Physical Chemistry C, 2016, 120, 17323-17333.	3.1	64
7	Molecular Interactions of a Cu-Based Metal-Organic Framework with a Confined Imidazolium-Based Ionic Liquid: A Combined Density Functional Theory and Experimental Vibrational Spectroscopy Study. Journal of Physical Chemistry C, 2016, 120, 3295-3304.	3.1	155
8	Ionic liquids confined in porous matrices: Physicochemical properties and applications. Progress in Materials Science, 2014, 64, 73-120.	32.8	264
9	Changes in dynamical behavior of ionic liquid in silica nano-pores. Ionics, 2014, 20, 507-516.	2.4	25
10	Viscoelastic, Surface, and Volumetric Properties of Ionic Liquids [BMIM][OcSO ₄], [BMIM][PF ₆], and [EMIM][MeSO ₃]. Journal of Chemical & Engineering Data, 2014, 59, 2349-2359.	1.9	40
11	Effect of Ultrasonic Irradiation on Preparation and Properties of Ionogels. Journal of Nanomaterials, 2012, 2012, 1-6.	2.7	24
12	Ionic liquid assisted synthesis of nano-porous TiO ₂ and studies on confined ionic liquid. Materials Letters, 2012, 86, 73-76.	2.6	42
13	Low density ionogels obtained by rapid gellification of tetraethyl orthosilane assisted by ionic liquids. Dalton Transactions, 2012, 41, 6263.	3.3	50
14	Studies on Imidazolium-Based Ionic Liquids Having a Large Anion Confined in a Nanoporous Silica Gel Matrix. Journal of Physical Chemistry B, 2011, 115, 7505-7514.	2.6	84
15	Correlation between ultrasonic velocity, surface tension, density and viscosity of ionic liquids. Fluid Phase Equilibria, 2011, 304, 1-6.	2.5	35
16	Properties of Ionic Liquid Confined in Porous Silica Matrix. ChemPhysChem, 2010, 11, 2036-2043.	2.1	49
17	Temperature dependent acoustical characterization of alkaline earth monochalcogenides in B1 and B2 phase. Physica B: Condensed Matter, 2010, 405, 77-84.	2.7	6
18	Thermal stability of ionic liquid in confined geometry. Journal Physics D: Applied Physics, 2010, 43, 092001.	2.8	30

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19	Temperature dependent ultrasonic and conductivity studies in aqueous polymeric solution. Fluid Phase Equilibria, 2009, 284, 10-13.	2.5	8
20	Acoustical and elastic properties of transition metal nitrides. Physica B: Condensed Matter, 2009, 404, 95-99.	2.7	7
21	Acoustic wave propagation in barium monochalcogenides in the B1 phase. Acoustical Physics, 2009, 55, 186-191.	1.0	1
22	A new technique for determination of melting temperature of poly(ethylene glycol) by ultrasonic velocimetry. Phase Transitions, 2009, 82, 599-606.	1.3	2
23	Effect of Temperature on Non-Destructive Wave Propagation in Uranium Monopnictides. Acta Physica Polonica A, 2009, 115, 664-670.	0.5	3
24	ACOUSTICAL CHARACTERIZATION OF NANOSTRUCTURED METAL. International Journal of Nanoscience, 2008, 07, 315-323.	0.7	0
25	Ultrasonic attenuation due to phonon-phonon interaction, thermoelastic loss and dislocation damping in transition metal carbides. Journal of Physics Condensed Matter, 2008, 20, 345227.	1.8	16
26	Absorption and Velocity of Acoustical Waves in Binary Solutions of Poly(Ethylene Glycol) and Water. Proceedings of Meetings on Acoustics, 2008, , .	0.3	1