

Palanichamy Manikandan

List of Publications by Year in descending order

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12
papers

501
citations

758635

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1199166

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14
all docs

14
docs citations

14
times ranked

617
citing authors

#	ARTICLE	IF	CITATIONS
1	Geometry and Framework Interactions of Zeolite-Encapsulated Copper(II)-Histidine Complexes. Journal of the American Chemical Society, 2000, 122, 11488-11496.	6.6	76
2	Structure of Copper(II)-Histidine Based Complexes in Frozen Aqueous Solutions As Determined from High-Field Pulsed Electron Nuclear Double Resonance. Inorganic Chemistry, 2001, 40, 781-787.	1.9	63
3	35 GHz ENDOR Characterization of the "Very Rapid" Signal of Xanthine Oxidase Reacted with 2-Hydroxy-6-methylpurine (¹³ C8): Evidence against Direct Mo-C8 Interaction. Journal of the American Chemical Society, 2001, 123, 2658-2663.	6.6	60
4	Supported imidazole as heterogeneous catalyst for the synthesis of cyclic carbonates from epoxides and CO ₂ . Catalysis Communications, 2015, 59, 201-205.	1.6	51
5	W-Band ENDOR Investigation of the Manganese-Binding Site of Concanavalin A: Determination of Proton Hyperfine Couplings and Their Signs. Journal of the American Chemical Society, 2000, 122, 3488-3494.	6.6	50
6	Elucidation of Structure and Location of V(IV) Ions in Heteropolyacid Catalysts H ₄ PVMo ₁₁ O ₄₀ as Studied by Hyperfine Sublevel Correlation Spectroscopy and Pulsed Electron Nuclear Double Resonance at W- and X-Band Frequencies. Journal of the American Chemical Society, 2001, 123, 4577-4584.	6.6	50
7	W- and X-Band Pulsed Electron Nuclear Double-Resonance Study of a Sodium-Nitric Oxide Adsorption Complex in NaA Zeolites. Journal of the American Chemical Society, 2000, 122, 10194-10200.	6.6	44
8	Transesterification of Cyclic Carbonates to Dimethyl Carbonate Using Solid Oxide Catalyst at Ambient Conditions: Environmentally Benign Synthesis. ChemSusChem, 2010, 3, 575-578.	3.6	32
9	Proton Positions in the Mn ²⁺ -Binding Site of Concanavalin A as Determined by Single-Crystal High-Field ENDOR Spectroscopy. Journal of the American Chemical Society, 2001, 123, 8378-8386.	6.6	27
10	Dynamics in the Mn ²⁺ -Binding Site in Single Crystals of Concanavalin A Revealed by High-Field EPR Spectroscopy. Biochemistry, 2003, 42, 7863-7870.	1.2	18
11	Photoexcitation and Relaxation Properties of a Spin-Crossover Solid in the Case of a Stable High-Spin State. Journal of Physical Chemistry B, 2006, 110, 5883-5888.	1.2	16
12	Ligand dynamics in tetracoordinate copper(I) complexes of bis(pyrazolyl)pyridine ligands. Journal of the Chemical Society Dalton Transactions, 1998, , 3219-3226.	1.1	14