

List of Publications:

2020

106. "Perspective of Membrane Processes for the Removal of Arsenic from Water : A Review" S. Kundu and M.K. Naskar, Trans. Ind. Ceram. Soc. (DOI: 10.1080/0371750x.2020.1864665)
105. "Emulsion based solvothermal synthesis of CuO grainy rod via the formation of quasi-quadrangular prism shaped $\text{Cu}_2(\text{OH})_3\text{Br}$ for recyclable catalyst of 4-nitrophenol reduction", S. Ghosh, R. Das, S. Kundu and M. K. Naskar, J. Phys. Chem. Solids 147 (2020) Art. No. 109551 (<https://doi.org/10.1016/j.jpcs.2020.109551>)
104. "Preparation of colloidal hydrated alumina modified NaA zeolite derived from rice husk ash for effective removal of fluoride ions from water medium", M.K. Naskar, J. Asian Ceram. Soc. 8(2) (2020) 437-447.
103. "Investigating the role of amides on the textural and optical properties of mesoporous-nanostructured $\theta\text{-Al}_2\text{O}_3$ ", S. Ghosh, S. Kundu, R. Das and M.K. Naskar, Bull. Mater. Sci., 43 (2020) 15

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102. "Custard apple-shaped NaX zeolite with a large surface area derived from rice husk ash by a single-step template-free process", Amit Kumar and Milan Kanti Naskar, J. Asian Ceram. Soc., 7(3) (2019) 355–360.
101. "Al–Mg–Ca-Layered Double Oxides for Efficient Removal of As(V) from Water: The Role of Amides" Sukanya Kundu and Milan Kanti Naskar, J. Chem Eng. Data 64(4) (2019) 1594-1604.
100. "Single step process without organic template for the formation of zeolite A from RHA" Amit Kumar and Milan Kanti Naskar, International J. Appl. Ceram. Tech., 16 (2019) 1525–1532
99. "TiO₂ hollow microspheres impregnated with biogenic gold nanoparticles for the efficient visible light-induced photodegradation of phenol" I. Hazra Chowdhury, M. Roy, S. Kundu and M.K. Naskar, J. Phys. Chem. Solids, 129 (2019) 329-339

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98. "Microwave-hydrothermal synthesis of mesoporous $\gamma\text{-Al}_2\text{O}_3$ and its impregnation with AgNPs for excellent catalytic oxidation of CO" Sukanya Kundu and Milan Kanti Naskar, Bull Mat. Sci. 41 (2018) 161-
97. "Nitrogen-doped nanoporous carbon nanospheroids for selective dye adsorption and Pb(II) ion removal from waste water" Sukanya Kundu, Ipsita Hazra Chowdhury, and Milan Kanti Naskar, ACS Omega 3 (2018) 9888–9898.

96. "Sol-gel synthesis of mesoporous hollow titania microspheres for photodegradation of 4-chlorophenol" I. Hazra Chowdhury and M.K. Naskar, *Ind. J. Chem* 57A (2018) 910-914.
95. "Effect of organic acids on the physicochemical properties of titania and its photodegradation efficiency of methyl orange" I. Hazra Chowdhury, S. Kundu, and M.K. Naskar, *J. Phys. Chem. Solids*, 121 (2018) 367-374
94. "Cauliflower-like hierarchical silicalite-1 supported AuNPs toward improved catalytic reduction of p-nitrophenol," R. Das and M. K. Naskar, *New J. Chem.* 42 (2018) 476—482
93. "Hierarchical porous carbon nanospheres for efficient removal of toxic organic water contaminants of phenol and methylene blue," S. Kundu, I. Hazra Chowdhury and M.K. Naskar, *J. Chem Eng. Data* 63(3) (2018) 559-573.
92. "Understanding of water-assisted template-free synthesis of Cu₂O microrods" S. Ghosh, R. Das and M. K. Naskar, *Mat. Lett.*, 213 (2018) 262-265.
91. "Metallic CuNPs confined in hollow silicalite-1: excellent catalytic efficiency in p-nitrophenol reduction" R. Das, S. Ghosh and M.K. Naskar, *New J. Chem.* 42 (2018) 476-482.
90. "Template-free hydrothermal synthesis of MgO-TiO₂ microcubes toward high potential removal of toxic water pollutants", I. H. Chowdhury, S. Kundu and M. K. Naskar, *J. Phys. Chem. Solids* 112 (2018) 171-178.

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89. "Effect of organic acid modified mesoporous alumina towards fluoride ions removal from water", S. Kundu, I.H. Chowdhury, P.K. Sinha and M. K. Naskar, *J. Chem. Eng. Data*, 62 (2017) 2067-2074.
88. "Poly(vinyl alcohol)-tetraethoxysilane based NaA zeolite composite membrane by primary growth technique: Gas permeation and water-ethanol pervaporation study", S. Basak, D. Kundu and M. K. Naskar, *Trans. Ind. Ceram. Soc.* 76[2] (2017) 113-117.
87. "Synthesis of hexagonal shaped nanoporous carbon for efficient adsorption of methyl orange dye", S. Kundu, I. H. Chowdhury and M. K. Naskar *J. Mol. Liq.* 234 (2017) 417-423.
86. "One pot non-emulsion based hydrothermal synthesis of urchin-shaped hydroxyl sodalite using waste coal fly ash", R. Das, S. Aich and M.K. Naskar, *Ind. J. Chem.* 56A (2017) 394-398.
85. "Mesoporous CuO-TiO₂ microspheres for efficient catalytic oxidation of CO and photodegradation of methylene blue" I. H. Chowdhury, S. Ghosh, S. Basak and M.K. Naskar, *J. Phys. Chem. Solids* 104 (2017) 103-110.

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