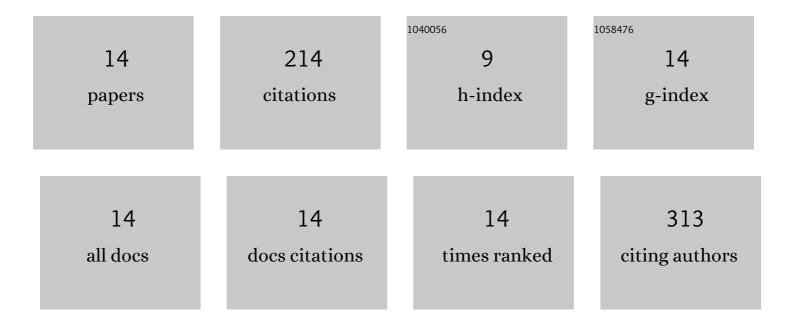
Manohara Gudiyor Veerabhadrappa

List of Publications by Year in descending order

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MANOHARA GUDIYOR

#	Article	IF	CITATIONS
1	Characterization of Chemisorbed Species and Active Adsorption Sites in Mg–Al Mixed Metal Oxides for High-Temperature CO ₂ Capture. Chemistry of Materials, 2022, 34, 3893-3901.	6.7	10
2	Acetate intercalated Mg–Al layered double hydroxides (LDHs) through modified amide hydrolysis: a new route to synthesize novel mixed metal oxides (MMOs) for CO ₂ capture. Dalton Transactions, 2021, 50, 7474-7483.	3.3	11
3	Layered Double Hydroxides-Based Mixed Metal Oxides: Development of Novel Structured Sorbents for CO ₂ Capture Applications. ACS Applied Materials & Interfaces, 2021, 13, 11805-11813.	8.0	20
4	The effect of the layer-interlayer chemistry of LDHs on developing high temperature carbon capture materials. Dalton Transactions, 2020, 49, 923-931.	3.3	12
5	Layered Double Hydroxide (LDH)â€Derived Mixed Metal Oxides (MMOs): A Systematic Crystalâ€Chemical Approach to Investigating the Chemical Composition and its Effect on High Temperature CO ₂ capture ChemistrySelect, 2020, 5, 5587-5594.	1.5	10
6	Advanced High-Temperature CO ₂ Sorbents with Improved Long-Term Cycling Stability. ACS Applied Materials & Interfaces, 2020, 12, 33765-33774.	8.0	12
7	Reduced to Hierarchy: Carbon Filament-Supported Mixed Metal Oxide Nanoparticles. ACS Omega, 2019, 4, 20230-20236.	3.5	2
8	A simple and green synthesis method for Ca-adamantanecarboxylate: a novel precursor for high temperature CO ₂ capture sorbent materials. Sustainable Energy and Fuels, 2019, 3, 3318-3323.	4.9	3
9	Ultra-high aspect ratio hybrid materials: the role of organic guest and synthesis method. Dalton Transactions, 2018, 47, 2933-2938.	3.3	6
10	Synthesis of the Benzoate Intercalated Layered Double ÂHydroxide of Nickel and Aluminum: Application of Mering's Rule. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 434-438.	1.2	7
11	Exfoliation of layered double hydroxides (LDHs): a new route to mineralize atmospheric CO2. RSC Advances, 2014, 4, 46126-46132.	3.6	22
12	Structure and Composition of the Layered Double Hydroxides of Mg and Fe: Implications for Anionâ€Exchange Reactions. European Journal of Inorganic Chemistry, 2011, 2011, 2624-2630.	2.0	28
13	Synthesis and structure refinement of layered double hydroxides of Co, Mg and Ni with Ga. Bulletin of Materials Science, 2010, 33, 325-331.	1.7	21
14	Homogeneous Precipitation by Formamide Hydrolysis: Synthesis, Reversible Hydration, and Aqueous Exfoliation of the Layered Double Hydroxide (LDH) of Ni and Al. Langmuir, 2010, 26, 15586-15591.	3.5	50