Ryutaro Wakabayashi

List of Publications by Year
in descending order

18	522	759233 12	839539 18
papers	citations	h-index	g-index

23	23	23	675
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced Î³-phase crystallinity of Al₂O₃ frameworks at the concave surface of PS-b-PEO templated spherical pores. Dalton Transactions, 2021, 50, 7191-7197.	3.3	3
2	Accelerated crystallization of mesoporous Al₂O₃ powder recovered by spray-drying with a large amount of heated air. New Journal of Chemistry, 2021, 45, 14563-14569.	2.8	1
3	A Robust Mesoporous Al 2 O 3 â€Based Nanocomposite Catalyst for Abundant NO x Storage with Rational Design of Pt and Ba Species. Chemistry - A European Journal, 2021, 27, 6706-6712.	3.3	3
4	Relationship between penta-coordinated Al³⁺ sites in the Al₂O₃ supports and CH₄ combustion activity of Pd/Al₂O₃ catalysts. Catalysis Science and Technology, 2021, 11, 2374-2378.	4.1	13
5	Understanding of NOx storage property of impregnated Ba species after crystallization of mesoporous alumina powders. Journal of Hazardous Materials, 2020, 398, 122791.	12.4	11
6	Surfactant-Assisted Mesostructural Variation by the Molecular Structure of Frameworks. Journal of Nanoscience and Nanotechnology, 2020, 20, 3078-3083.	0.9	0
7	Further Understanding of the Reactivity Control of Bisphosphonates to a Metal Source for Fabricating Highly Ordered Mesoporous Films. Chemistry - A European Journal, 2019, 25, 5971-5977.	3.3	7
8	Protecting and Leaving Functions of Trimethylsilyl Groups in Trimethylsilylated Silicates for the Synthesis of Alkoxysiloxane Oligomers. Angewandte Chemie, 2017, 129, 14178-14182.	2.0	8
9	Protecting and Leaving Functions of Trimethylsilyl Groups in Trimethylsilylated Silicates for the Synthesis of Alkoxysiloxane Oligomers. Angewandte Chemie - International Edition, 2017, 56, 13990-13994.	13.8	15
10	Utilization of Alkoxysilyl Groups for the Creation of Structurally Controlled Siloxane-Based Nanomaterials. Chemistry of Materials, 2014, 26, 211-220.	6.7	90
11	Synthesis of a multifunctional alkoxysiloxane oligomer. New Journal of Chemistry, 2014, 38, 5362-5368.	2.8	13
12	Siloxaneâ€Bond Formation Promoted by Lewis Acids: A Nonhydrolytic Solâ€“Gel Process and the Piersâ€“Rubinsztajn Reaction. ChemPlusChem, 2013, 78, 764-774.	2.8	33
13	Direct alkoxysilylation of alkoxysilanes for the synthesis of explicit alkoxysiloxane oligomers. Journal of Organometallic Chemistry, 2012, 716, 26-31.	1.8	15
14	Aqueous Colloidal Mesoporous Nanoparticles with Ethenylene-Bridged Silsesquioxane Frameworks. Journal of the American Chemical Society, 2011, 133, 8102-8105.	13.7	170
15	Practical Conversion of Chlorosilanes into Alkoxysilanes without Generating HCl. Angewandte Chemie - International Edition, 2011, 50, 10708-10711.	13.8	38
16	Usefulness of alkoxyltitanosiloxane for the preparation of mesoporous silica containing a large amount of isolated titanium. Journal of Colloid and Interface Science, 2011, 359, 240-247.	9.4	15
17	Nonhydrolytic Synthesis of Branched Alkoxysiloxane Oligomers Si[OSiH(OR)₂]₄ (R=Me, Et). Angewandte Chemie - International Edition, 2010, 49, 5273-5277.	13.8	50
18	Cover Picture: Nonhydrolytic Synthesis of Branched Alkoxysiloxane Oligomers Si[OSiH(OR)2]4 (R=Me,) Tj ETQq0 0 0 rgBT /Overlock 10	13.8	0