

Ryohei Hayami

List of Publications by Year in descending order

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26
papers

159
citations

1307594

7
h-index

1281871

11
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26
all docs

26
docs citations

26
times ranked

119
citing authors

#	ARTICLE	IF	CITATIONS
1	Steam treatment of metal acetylacetonate and ethyl acetoacetate complexes at 90°C for preparation of metal oxides. <i>Inorganica Chimica Acta</i> , 2022, 535, 120864.	2.4	3
2	Low-temperature synthesis of AMoO ₄ (A = Ba, Ca, Co, Ni) by steam treatment of acetylacetonate and ethyl acetoacetate complexes. <i>Journal of Sol-Gel Science and Technology</i> , 2022, 103, 576-583.	2.4	1
3	Syntheses and properties of Cu(II), Al(III), and Ti(IV) coordination polymers using an acetylacetonato-terminated polyhedral oligomeric silsesquioxane. <i>Polymer Journal</i> , 2022, 54, 985-993.	2.7	2
4	Behavior of zinc- and aluminum β -ketoesterate complexes during steaming treatment. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 99, 263-272.	2.4	3
5	Synthesis of indium tin oxide films from ethyl acetoacetate complexes at low temperatures. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 100, 68-73.	2.4	4
6	A review of phosphorus(V)-substituted titanium-oxo clusters. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 100, 205-223.	2.4	7
7	Characterization of a flexible self-cleaning film with photoinduced hydrophilicity comprising phosphonic-acid-modified polysilsesquioxane-anchored titanium dioxide. <i>Thin Solid Films</i> , 2020, 714, 138395.	1.8	8
8	Soluble ethane-bridged silsesquioxane polymer by hydrolysis-condensation of bis(trimethoxysilyl)ethane: characterization and mixing in organic polymers. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	9
9	Preparation and properties of methyl- and cyclohexylsilsesquioxane oligomers as organic-inorganic fillers. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 95, 474-481.	2.4	8
10	ZICOS - A new project for neutrinoless double beta decay using Zirconium complex in organic liquid scintillator. <i>Journal of Physics: Conference Series</i> , 2020, 1342, 012093.	0.4	3
11	Preparation, characterization, and desulfurization ability of bulk porous silica-supported ZnO. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 95, 482-491.	2.4	0
12	ZICOS - Neutrinoless Double Beta Decay experiment using Zr-96 with an organic liquid scintillator -. <i>Journal of Physics: Conference Series</i> , 2020, 1468, 012139.	0.4	6
13	Organic-inorganic hybrids based on poly(bisphenol A-co-epichlorohydrin) containing titanium phosphonate clusters. <i>Polymer Journal</i> , 2019, 51, 1265-1271.	2.7	4
14	ZnO formation through decomposition of zinc bis(ethyl acetoacetate) by steaming treatment. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 91, 255-260.	2.4	6
15	In situ preparation of platinum nanoparticles in mesoporous silica using linear polyethyleneimine as a protective agent. <i>Journal of the Ceramic Society of Japan</i> , 2019, 127, 531-537.	1.1	0
16	Syntheses and properties of linear π -conjugated molecules composed of 1-azaazulene and azulene. <i>Tetrahedron</i> , 2019, 75, 130658.	1.9	8
17	2-Triethoxysilylazulene derivatives: Syntheses and optical properties, and hydrolysis-condensation of 2-triethoxysilylazulene. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 91, 399-406.	2.4	5
18	Preparation of Polysilsesquioxanes via Hydrolysis-Condensation Using Formic Acid and their Application to Organic-Inorganic Hybrid Coating Films. <i>Journal of the Japan Society of Colour Material</i> , 2019, 92, 262-267.	0.1	0

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19	Synthesis, characterization and properties of titanium phosphonate clusters. Polyhedron, 2018, 147, 1-8.	2.2	13
20	Preparation and characterization of stable DQ silicone polymer sols. Journal of Sol-Gel Science and Technology, 2018, 88, 660-670.	2.4	8
21	Properties and surface morphologies of organic-inorganic hybrid thin films containing titanium phosphonate clusters. Polymer Journal, 2018, 50, 1169-1177.	2.7	8
22	Zinc-diethanolamine complex: synthesis, characterization, and formation mechanism of zinc oxide via thermal decomposition. Journal of Sol-Gel Science and Technology, 2018, 87, 743-748.	2.4	18
23	Preparation and properties of organic-inorganic hybrid polymer films using $[\text{Ti}_4(\frac{1}{4}\text{-O})(\text{O}i\text{Pr})_5(\frac{1}{4}\text{-O}i\text{Pr})_3(\text{PhPO}_3)_3] \cdot \text{thf}$. Polymer Journal, 2017, 49, 223-228.	2.7	12
24	Preparation and properties of organic-inorganic hybrid materials using titanium phosphonate cluster. Polymer Journal, 2017, 49, 665-669.	2.7	21
25	Preparation of Organic-Inorganic Hybrid Polymer Films Using $[\text{Ti}_4(\frac{1}{4}\text{-O})(\text{O}i\text{Pr})_5(\frac{1}{4}\text{-O}i\text{Pr})_3(\text{PhPO}_3)_3] \cdot \text{thf}$. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2017, 64, 130-133.	0.2	1
26	Sol-gel reaction of titanium phosphonate alkoxide cluster. Applied Organometallic Chemistry, 0, , .	3.5	1