

Hitomi Nakamura

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The State of Dy Incorporated in SrAl ₂ O ₄ Crystals by Low-temperature Annealing and Its Photoluminescence and Afterglow Properties. <i>Chemistry Letters</i> , 2022, 51, 197-200.	0.7	0
2	Franck-Condon relaxation in photo-excited YAG:Ce studied using real-time time-dependent density functional theory. <i>Journal of Luminescence</i> , 2021, 229, 117647.	1.5	2
3	Massive red shift of Ce ³⁺ in Y ₃ Al ₅ O ₁₂ incorporating super-high content of Ce. <i>RSC Advances</i> , 2020, 10, 12535-12546.	1.7	32
4	Hydroxyapatite Formation on Self-Assembling Peptides with Differing Secondary Structures and Their Selective Adsorption for Proteins. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4650.	1.8	15
5	Activity of formaldehyde dehydrogenase on titanium dioxide films with different crystallinities. <i>Applied Surface Science</i> , 2015, 329, 262-268.	3.1	6
6	Asymmetric bioreduction of acetophenones by Baker's yeast and its cell-free extract encapsulated in sol-gel silica materials. <i>Applied Surface Science</i> , 2014, 293, 312-317.	3.1	9
7	Enzyme encapsulation in silica gel prepared by polylysine and its catalytic activity. <i>Applied Surface Science</i> , 2014, 314, 64-70.	3.1	12
8	Preparation of mesoporous silica thin films by photocalcination method and their adsorption abilities for various proteins. <i>Materials Science and Engineering C</i> , 2014, 40, 42-48.	3.8	7
9	Silica-enzyme-ionic liquid composites for improved enzymatic activity. <i>Journal of Asian Ceramic Societies</i> , 2014, 2, 33-40.	1.0	19
10	Specific binding of immunoglobulin G to protein A-mesoporous silica composites for affinity column chromatography. <i>Journal of Materials Chemistry B</i> , 2013, 1, 6321.	2.9	20
11	Evaluation of the Aflatoxin Biosynthetic Genes for Identification of the <i>Aspergillus Section Flavi</i> . <i>Microbes and Environments</i> , 2011, 26, 367-369.	0.7	6