

Shinobu Ohki

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Solid-State ^{207}Pb NMR Spectroscopy and Relativistic Quantum Chemical Calculations of Red Pigments: Identification in Cultural Heritage Materials. <i>Applied Magnetic Resonance</i> , 2022, 53, 371-385.	1.2	1
2	Enhancing Radio-frequency Pulses Using a Field Shielding Device in a Solid-state NMR Sample Tube. <i>Chemistry Letters</i> , 2022, 51, 574-576.	1.3	1
3	Influence of the Pore Structure of Molybdcic Acid Immobilized Silica-alumina Hollow Spheres on Acid-promoted Hydrogen Evolution from Ammonia Borane. <i>Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy</i> , 2022, 101, 76-82.	0.2	0
4	Optically induced nuclear spin-spin couplings in GaAs manifested by spin echo decays under optical pumping. <i>Npj Quantum Information</i> , 2022, 8, .	6.7	3
5	Immobilized molybdcic acid on porous silica-alumina hollow sphere particles for acid-promoted hydrolytic hydrogen evolution from ammonia borane. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 6659-6668.	7.1	3
6	Separated quadrupole and shift interactions of ^2H NMR spectra in paramagnetic solids by asymmetric pulse sequences. <i>Solid State Nuclear Magnetic Resonance</i> , 2021, 112, 101709.	2.3	2
7	Investigation of luminescence properties of Eu-doped Si-Al-O-N glasses synthesized via sol-gel process. <i>Journal of Non-Crystalline Solids</i> , 2021, 573, 121107.	3.1	7
8	High-Temperature Pulsed-Field-Gradient ^7Li -NMR Measurements of Li_2CO_3 over 700 K. <i>Analytical Sciences</i> , 2021, 37, 1477-1479.	1.6	1
9	Experimental Comparison of Solid-state NMR Spectra for Quadrupolar Nuclei Using Various Spin-echo Sequences. <i>Chemistry Letters</i> , 2020, 49, 68-70.	1.3	0
10	Construction of a push-pull system in $\text{g-C}_3\text{N}_4$ for efficient photocatalytic hydrogen evolution under visible light. <i>Journal of Materials Chemistry A</i> , 2020, 8, 13299-13310.	10.3	37
11	Exploration of zinc borophosphate glasses as dispersion media for SiAlON phosphors. <i>International Journal of Applied Glass Science</i> , 2020, 11, 471-479.	2.0	3
12	Highly swellable hydrogel of regioselectively aminated (1 \rightarrow 3)- β -D-glucan crosslinked with ethylene glycol diglycidyl ether. <i>Carbohydrate Polymers</i> , 2020, 237, 116189.	10.2	14
13	Field-stepwise-swept QCPMG solid-state ^{115}In NMR of indium oxide. <i>Solid State Nuclear Magnetic Resonance</i> , 2020, 109, 101688.	2.3	2
14	Control of pore size in shell of hollow silica-alumina composite spheres for hydrolytic dehydrogenation of ammonia borane. <i>Journal of Porous Materials</i> , 2019, 26, 611-617.	2.6	9
15	Relationship between Strength in Magnetic Field and Spectral Width of Solid-state ^{33}S NMR in an Organosulfur Compound. <i>Chemistry Letters</i> , 2019, 48, 601-603.	1.3	2
16	Reaction of europium-doped β -SiAlON phosphors with sodium borosilicate glass matrices. <i>Journal of the European Ceramic Society</i> , 2018, 38, 735-741.	5.7	11
17	Investigation of the effects of sintering and indium-doping of zinc oxide using ^{67}Zn magic angle spinning NMR analysis. <i>Solid State Nuclear Magnetic Resonance</i> , 2018, 95, 12-16.	2.3	4
18	Influence of aluminum precursors on structure and acidic properties of hollow silica-alumina composite spheres, and their activity for hydrolytic dehydrogenation of ammonia borane. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 22318-22324.	7.1	14

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19	The influence of the pore structure of hollow silica-alumina composite spheres on their activity for hydrolytic dehydrogenation of ammonia borane. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1568-1574.	6.0	14
20	Influence of alcohol solvents on morphology of hollow silica-alumina composite spheres and their activity for hydrolytic dehydrogenation of ammonia borane. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 82, 92-100.	2.4	7
21	Influence of morphology of hollow silica-alumina composite spheres on their activity for hydrolytic dehydrogenation of ammonia borane. <i>Journal of Advanced Ceramics</i> , 2017, 6, 368-375.	17.4	6
22	Influence of Morphology of Silica-Alumina Composites on Their Activity for Hydrolytic Dehydrogenation of Ammonia Borane. <i>Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy</i> , 2016, 95, 480-486.	0.2	16
23	Development of an NMR Spectrometer Operated beyond 1 GHz. <i>TEION KOGAKU (Journal of Cryogenics)</i> Tj ETQq1 10.784314 rgBT /Ove	0.1	0
24	Efficiency of High Magnetic Fields in Solid-state NMR. <i>Chemistry Letters</i> , 2016, 45, 209-210.	1.3	11
25	Combination of solid state NMR and DFT calculation to elucidate the state of sodium in hard carbon electrodes. <i>Journal of Materials Chemistry A</i> , 2016, 4, 13183-13193.	10.3	83
26	Successful Upgrading of 920-MHz NMR Superconducting Magnet to 1020 MHz Using Bi-2223 Innermost Coil. <i>IEEE Transactions on Applied Superconductivity</i> , 2016, 26, 1-7.	1.7	31
27	Exploration of metaphosphate glasses dispersed with Eu-doped SiALON for white LED applications. <i>Optical Materials</i> , 2015, 42, 399-405.	3.6	27
28	Achievement of 1020 MHz NMR. <i>Journal of Magnetic Resonance</i> , 2015, 256, 30-33.	2.1	127
29	Single-crystal NMR approach for determining chemical shift tensors from powder samples via magnetically oriented microcrystal arrays. <i>Journal of Magnetic Resonance</i> , 2015, 255, 28-33.	2.1	2
30	1020 MHz single-channel proton fast magic angle spinning solid-state NMR spectroscopy. <i>Journal of Magnetic Resonance</i> , 2015, 261, 1-5.	2.1	38
31	Development of an instrument providing visual monitoring in cryogenics. , 2014, , .		0
32	Exploration of zinc phosphate glasses dispersed with Eu-doped SiALON for white LED applications. <i>Optical Materials</i> , 2013, 35, 2677-2684.	3.6	22
33	Multinuclear solid-state NMR spectroscopy of a paramagnetic layered double hydroxide. <i>RSC Advances</i> , 2013, 3, 19857.	3.6	15
34	NMR study of thermally activated paramagnetism in metallic low-silica X zeolite filled with sodium atoms. <i>Physical Review B</i> , 2013, 87, .	3.2	14
35	Oxygen-17 NMR Study of Defects in LnO _{1.5} -CeO ₂ (Ln = La and Nd). <i>Chemistry Letters</i> , 2013, 42, 57-59.	1.3	2
36	Fabrication of glasses of dispersed yellow oxynitride phosphor for white light-emitting diodes. <i>Optical Materials</i> , 2010, 33, 170-175.	3.6	57

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37	²⁷ Al NMR/NQR Studies of YbAl ₃ C ₃ . Journal of the Physical Society of Japan, 2009, 78, 014709.	1.6	3
38	Surface-sensitive NMR in optically pumped semiconductors. Applied Physics A: Materials Science and Processing, 2008, 93, 533-536.	2.3	3
39	Dynamics of electron-nuclear and heteronuclear polarization transfers in optically oriented semi-insulating InP:Fe. Physical Review B, 2008, 77, .	3.2	5
40	NMR Study of YbAl ₃ C ₃ in High Magnetic Field. Journal of the Physical Society of Japan, 2008, 77, 291-293.	1.6	2
41	Field Stabilization for High-Resolution Solid State NMR Magnet with External Field-Lock. Bunseki Kagaku, 2008, 57, 55-59.	0.2	0
42	NUCLEAR HYPERPOLARIZATION AND POLARIZATION TRANSFER SYSTEM FOR SEMICONDUCTORS. International Journal of Modern Physics B, 2007, 21, 1664-1668.	2.0	1
43	NMR Evidence for Field-induced Magnetic Ordering at 30 T in the Haldane Compound PbNi ₂ V ₂ O ₈ . Journal of the Physical Society of Japan, 2007, 76, 064705.	1.6	1
44	High Field NMR Study of Yb _{0.9} Y _{0.1} InCu ₄ up to 30 T. Journal of the Physical Society of Japan, 2006, 75, 084714.	1.6	0
45	Optical-pumping double-resonance NMR system for semiconductors. Review of Scientific Instruments, 2006, 77, 093904.	1.3	18