

Yasuhiro Yamada

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Chemical species of localized Fe atoms in solid hydrogen using in-beam Mössbauer spectroscopy. <i>Hyperfine Interactions</i> , 2022, 243, 1.	0.5	0
2	In-beam Mössbauer spectra of ⁵⁷ Mn implanted into lithium aluminum hydride. <i>Applied Radiation and Isotopes</i> , 2021, 170, 109582.	1.5	1
3	Matrix isolation infrared spectroscopic study of the photochemistry of bis(cyclopentadienyl)dicarbonyl titanium in solid nitrogen. <i>Journal of Molecular Structure</i> , 2020, 1202, 127357.	3.6	1
4	Iron nitride films produced by arc deposition of iron in a nitrogen atmosphere. <i>Hyperfine Interactions</i> , 2020, 241, 1.	0.5	1
5	In-beam Mössbauer spectra for ⁵⁷ Mn implanted sulfur hexafluoride. <i>Hyperfine Interactions</i> , 2020, 241, 1.	0.5	0
6	Iron-based Nanoparticles and Their Mössbauer Spectra. <i>Radioisotopes</i> , 2019, 68, 125-143.	0.2	4
7	Metastable iron carbide thin films produced by pulsed laser deposition of iron in methane atmosphere. <i>Hyperfine Interactions</i> , 2019, 240, 1.	0.5	8
8	Mössbauer study of iron oxide nanoparticles produced by laser ablation of metallic iron in water and effects of subsequent laser irradiation. <i>Journal of Nuclear and Radiochemical Sciences</i> , 2019, 19, 14-19.	0.7	2
9	Chemical reactions of localized Fe atoms in ethylene and acetylene matrices at low temperatures using in-beam Mössbauer spectroscopy. <i>Hyperfine Interactions</i> , 2018, 239, 1.	0.5	3
10	In-beam Mössbauer spectra of ⁵⁷ Mn implanted into ice. <i>Hyperfine Interactions</i> , 2018, 239, 1.	0.5	2
11	Synthesis of Cu-doped γ -FeOOH nanoparticles by a wet chemical method. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	1.9	4
12	Manganese-doped ferrihydrite nano-urchins produced by chemical methods. <i>Hyperfine Interactions</i> , 2018, 239, 1.	0.5	2
13	The acetylacetonate-water complex in a low-temperature solid argon matrix. <i>Journal of Molecular Spectroscopy</i> , 2017, 333, 27-35.	1.2	3
14	Effect of laser irradiation on iron carbide nanoparticles produced by laser ablation in ethanol. <i>Hyperfine Interactions</i> , 2017, 238, 1.	0.5	6
15	Mixture of silver and iron oxide nanoparticles produced by chemical methods. <i>Hyperfine Interactions</i> , 2017, 238, 1.	0.5	4
16	Thermal reaction of sonochemically prepared amorphous Fe/C. <i>Hyperfine Interactions</i> , 2017, 238, 1.	0.5	1
17	Wet chemical synthesis of zinc-iron oxide nanocomposite. <i>Hyperfine Interactions</i> , 2017, 238, 1.	0.5	6
18	Mössbauer spectra of iron (III) sulfide particles. <i>Hyperfine Interactions</i> , 2017, 238, 1.	0.5	3

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19	One-pot production of copper ferrite nanoparticles using a chemical method. <i>Hyperfine Interactions</i> , 2016, 237, 1.	0.5	7
20	Mössbauer study of iron carbide nanoparticles produced by laser ablation in alcohols. <i>Hyperfine Interactions</i> , 2016, 237, 1.	0.5	10
21	Iron films deposited on porous alumina substrates. <i>Hyperfine Interactions</i> , 2016, 237, 1.	0.5	2
22	Synthesis of superparamagnetic $\hat{\Gamma}$ -FeOOH nanoparticles by a chemical method. <i>Applied Surface Science</i> , 2016, 387, 996-1001.	6.1	22
23	Chemical states of localized Fe atoms in ethylene matrices using in-beam Mössbauer spectroscopy. <i>Hyperfine Interactions</i> , 2016, 237, 1.	0.5	1
24	Mössbauer spectra obtained using $\hat{\Gamma}^2 \hat{\alpha} \hat{\Gamma}^3$ coincidence method after ^{57}Mn implantation into LiH and LiD. <i>Hyperfine Interactions</i> , 2016, 237, 1.	0.5	1
25	Study on chemical reactions of isolated Mössbauer probes in solid gas matrices using in-beam Mössbauer spectroscopy. <i>Hyperfine Interactions</i> , 2016, 237, 1.	0.5	3
26	Iron oxide and iron carbide particles produced by the polyol method. <i>Hyperfine Interactions</i> , 2016, 237, 1.	0.5	4
27	Liquid phase synthesis of iron sulfide particles. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 303, 1473-1476.	1.5	4
28	Local structure of $^{57}\text{Mn}/^{57}\text{Fe}$ implanted into lithium hydride. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 303, 1155-1158.	1.5	3
29	Mössbauer study of iron carbide nanoparticles produced by sonochemical synthesis. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 303, 1503-1506.	1.5	14
30	Mössbauer study of iron fluoride films produced by pulsed laser deposition. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 303, 1477-1480.	1.5	0
31	Infrared spectroscopic and density functional theoretical study of tris(cyclopentadienyl)ytterbium (YbCp_3) and acetone adduct molecules of YbCp_3 in low-temperature matrices. <i>Journal of Molecular Spectroscopy</i> , 2015, 314, 26-34.	1.2	3
32	Local structures at In impurity sites in ZnO probed by the TDPAC technique. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 303, 1201-1204.	1.5	5
33	Iron (III) sulfide particles produced by a polyol method. <i>Hyperfine Interactions</i> , 2015, 231, 115-121.	0.5	11
34	In-beam Mössbauer spectroscopy of $^{57}\text{Fe}/^{57}\text{Mn}$ in MgO and NaF at Heavy-Ion Medical Accelerator in Chiba. <i>Review of Scientific Instruments</i> , 2014, 85, 02C310.	1.3	6
35	Detection of spinel Zn_2O_4 formed as nanostructures in ZnO. <i>Physical Review B</i> , 2014, 90, .	3.2	13
36	Time-resolved Mössbauer spectra obtained after ^{57}Mn implantation in Si. <i>Hyperfine Interactions</i> , 2014, 226, 679-685.	0.5	1

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37	In-beam Mössbauer study of ⁵⁷ Mn implanted into a low-temperature xenon. <i>Hyperfine Interactions</i> , 2014, 226, 35-40.	0.5	11
38	In-beam Mössbauer spectra of ⁵⁷ Mn implanted into low-temperature solid Ar. <i>Chemical Physics Letters</i> , 2013, 567, 14-17.	2.6	12
39	Mössbauer study of gamma-iron nitride film. <i>Hyperfine Interactions</i> , 2013, 219, 13-17.	0.5	10
40	Mössbauer and x-ray absorption studies in Fe and V co-doped SnO ₂ . <i>Hyperfine Interactions</i> , 2013, 217, 99-105.	0.5	2
41	Mössbauer Spectra of Isolated Molecules and Thin Films. <i>Radioisotopes</i> , 2013, 62, 235-250.	0.2	0
42	Orientation of hyperfine magnetic fields of ⁵⁷ Fe-iron films produced by laser deposition. , 2013, , 171-174.		0
43	Mössbauer study of iron nitride films produced by pulsed laser deposition. , 2013, , 161-164.		0
44	Magnetic and electronic properties of Fe and Ni codoped SnO ₂ . <i>Journal of Applied Physics</i> , 2012, 112, .	2.5	21
45	Mössbauer study of iron nitride films produced by pulsed laser deposition. <i>Hyperfine Interactions</i> , 2012, 205, 13-16.	0.5	15
46	In-beam Mössbauer spectroscopy of ⁵⁷ Mn implanted into lithium hydride. <i>Hyperfine Interactions</i> , 2012, 204, 125-128.	0.5	8
47	Orientation of hyperfine magnetic fields of ⁵⁷ Fe-iron films produced by laser deposition. <i>Hyperfine Interactions</i> , 2012, 205, 23-26.	0.5	2
48	Dilute magnetic properties of Fe doped Al ₂ O ₃ powders prepared by sol-gel method. <i>Hyperfine Interactions</i> , 2012, 208, 65-69.	0.5	11
49	Magnetic and Mössbauer studies of Fe and Co co-doped SnO ₂ . <i>Hyperfine Interactions</i> , 2012, 205, 105-109.	0.5	12
50	Magnetic properties of Fe and Co codoped SnO ₂ prepared by sol-gel method. <i>Journal of Applied Physics</i> , 2011, 110, .	2.5	72
51	Remarkable improvement of the signal-to-noise ratio of ⁵⁷ Mn/ ⁵⁷ Fe in-beam Mössbauer spectroscopy. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2011, 269, 455-459.	1.4	19
52	Fabrication and magnetic properties of Fe and Co co-doped ZrO ₂ . <i>AIP Advances</i> , 2011, 1, .	1.3	20
53	Photochemical reaction of sulfur hexafluoride with water in low-temperature xenon matrices. <i>Journal of Chemical Physics</i> , 2011, 134, 104302.	3.0	10
54	Laser deposition of iron on graphite substrates. <i>Hyperfine Interactions</i> , 2010, 198, 55-59.	0.5	9

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55	Anticoincidence measurement of ^{57}Fe Mössbauer spectra obtained after ^{57}Mn implantation: application to Fe in Al_2O_3 . <i>Hyperfine Interactions</i> , 2010, 198, 173-178.	0.5	12
56	Iron carbide films produced by laser deposition. <i>Journal of Physics: Conference Series</i> , 2010, 217, 012096.	0.4	18
57	Iron films produced by an arc plasma gun. <i>Hyperfine Interactions</i> , 2009, 191, 121-127.	0.5	7
58	^{57}Fe Mössbauer study of sol-gel synthesized $\text{Sn}_{1-x}\text{Fe}_x\text{Sb}_y\text{O}_2$ powders. <i>Hyperfine Interactions</i> , 2009, 191, 25-32.	0.5	17
59	Bismuth carbide cluster ions produced by a gas aggregation source. <i>International Journal of Mass Spectrometry</i> , 2009, 282, 123-127.	1.5	12
60	Reaction and deposition of laser-evaporated iron. <i>Hyperfine Interactions</i> , 2008, 182, 65-75.	0.5	2
61	Sol-gel synthesized powder and pulsed laser deposited film of amorphous indium zinc oxides doped with Fe. <i>Hyperfine Interactions</i> , 2008, 184, 123-128.	0.5	1
62	Neutron in-beam Mössbauer spectroscopy of iron disulfide at 298 and 78 K. <i>Hyperfine Interactions</i> , 2008, 187, 49-55.	0.5	3
63	Copper oxide particles produced by laser ablation in water. <i>Applied Surface Science</i> , 2008, 254, 6976-6982.	6.1	62
64	Reaction and deposition of laser-evaporated iron. , 2008, , 65-75.		0
65	Spin Orientation of Iron Films Produced by Laser Deposition. <i>Chemistry Letters</i> , 2007, 36, 294-295.	1.3	12
66	Mössbauer spectroscopic study of ^{57}Fe species produced by $^{56}\text{Fe}(n, \hat{p})^{57}\text{Fe}$ reaction in iron disulfide. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007, 272, 623-626.	1.5	7
67	Mössbauer study of films produced by laser deposition of iron oxides. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007, 272, 631-638.	1.5	20
68	Mössbauer Investigation into the Reactions of Laser-evaporated Iron with Solid Oxygen at Low Temperatures. <i>Journal of Nuclear and Radiochemical Sciences</i> , 2006, 7, 17-20.	0.7	4
69	Mössbauer study of Fe/S and Fe/O films produced by laser ablation of pyrite and hematite. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2006, 268, 283-288.	1.5	17
70	Reactions of ^{57}Mn implanted into solid oxygen. <i>Hyperfine Interactions</i> , 2006, 166, 357-361.	0.5	13
71	Neutron in-beam Mössbauer spectroscopic study of iron disulfide at room temperature. <i>Hyperfine Interactions</i> , 2006, 166, 425-428.	0.5	4
72	Structure of tris(cyclopentadienyl)scandium isolated in solid argon matrices. <i>Journal of Molecular Structure</i> , 2005, 734, 115-121.	3.6	4

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73	Gas phase antimony/tungsten/oxygen cluster cations. International Journal of Mass Spectrometry, 2005, 242, 57-62.	1.5	7
74	CEMS study of stainless steel films deposited by pulsed laser ablation of AISI316. European Physical Journal D, 2005, 55, 845-852.	0.4	5
75	Mössbauer Study of Iron Films Produced by Laser Ablation. AIP Conference Proceedings, 2005, , .	0.4	2
76	Neutron In-beam Mössbauer Spectroscopy with a Parallel Plate Avalanche Counter. AIP Conference Proceedings, 2005, , .	0.4	4
77	CEMS Study on Fe Films Deposited by Laser Ablation. Hyperfine Interactions, 2004, 156/157, 637-641.	0.5	3
78	Gas-phase structures of binary cluster ions of 1,4-dioxane and water. International Journal of Mass Spectrometry, 2004, 231, 77-81.	1.5	4
79	Photochemistry of cyclopentadiene isolated in low-temperature argon matrices. Journal of Molecular Structure, 2004, 692, 145-153.	3.6	12
80	Development and application of parallel-plate avalanche counter for in-beam Mössbauer spectroscopy. Journal of Radioanalytical and Nuclear Chemistry, 2003, 255, 519-522.	1.5	18
81	Valence states of ⁵⁷ Fe decayed from ⁵⁷ Mn implanted into KMnO ₄ . Journal of Radioanalytical and Nuclear Chemistry, 2003, 255, 403-406.	1.5	13
82	Mössbauer and Infrared Studies of Reactions of Laser-Evaporated Iron Atoms with Methane. Bulletin of the Chemical Society of Japan, 2002, 75, 277-281.	3.2	11
83	Iron Halide Species Produced by Laser-Evaporation. Hyperfine Interactions, 2002, 139/140, 77-85.	0.5	2
84	In-beam Mössbauer study of ⁵⁷ Fe using a secondary ⁵⁷ Mn beam and ion implantation. European Physical Journal A, 2002, 13, 243-246.	2.5	1
85	A Novel LIESST Iron(II) Complex Exhibiting a High Relaxation Temperature. Inorganic Chemistry, 2001, 40, 3240-3242.	4.0	121
86	Mössbauer study of the reaction of laser-evaporated iron atoms with nitrogen molecules in low-temperature argon matrices. Applied Radiation and Isotopes, 2001, 54, 21-27.	1.5	15
87	Mössbauer Study of Matrix Isolated Iron Fluorides Produced by a Reaction of Laser-Evaporated Iron Atom and Sulfur Hexafluoride. Chemistry Letters, 2000, 29, 746-747.	1.3	7
88	Mössbauer Study of Iron Iodide Produced by a Reaction of Laser-Evaporated Iron Atoms and Methyl Iodide. Journal of Nuclear and Radiochemical Sciences, 2000, 1, 75-76.	0.7	5
89	Mössbauer studies on laser evaporated iron atoms and their reactions with oxygen in argon matrices. Applied Radiation and Isotopes, 2000, 52, 157-164.	1.5	34