Michael Hu

List of Publications by Citations

140 papers	4,284 citations	35 h-index	61 g-index
145 ext. papers	4,841 ext. citations	6.8 avg, IF	4.86 L-index

#	Paper	IF	Citations
140	Spin transition of iron in magnesiowüstite in the Earth's lower mantle. *Nature*, **2005**, 436, 377-80	50.4	286
139	Phonon density of states of iron up to 153 gigapascals. *Science*, **2001**, 292, 914-6	33.3	264
138	Probing of bonding changes in B2O3 glasses at high pressure with inelastic X-ray scattering. *Nature Materials*, **2005**, 4, 851-854	27	158
137	Magma redox and structural controls on iron isotope variations in Earth's mantle and crust. *Earth and Planetary Science Letters*, **2014**, 398, 127-140	5.3	155
136	Another mechanism for the insulator-metal transition observed in Mott insulators. *Physical Review B*, **2008**, 77,	3.3	142
135	The formation of sp3 bonding in compressed BN. *Nature Materials*, **2004**, 3, 111-4	27	142
134	A synchrotron Mössbauer spectroscopy study of (Mg,Fe)SiO3 perovskite up to 120 GPa. *American Mineralogist*, **2005**, 90, 199-205	2.9	127
133	X-ray Raman scattering study of MgSiO3 glass at high pressure: implication for triclustered MgSiO3 melt in Earth's mantle. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 7925-9	11.5	110
132	Electronic structure and biologically relevant reactivity of low-spin {FeNO}8 porphyrin model complexes: new insight from a bis-picket fence porphyrin. *Inorganic Chemistry*, **2013**, 52, 7766-80	5.1	94
131	Measuring velocity of sound with nuclear resonant inelastic x-ray scattering. *Physical Review B*, **2003**, 67,	3.3	91
130	Sound velocities of iron-nickel and iron-silicon alloys at high pressures. *Geophysical Research Letters*, **2003**, 30,	4.9	90
129	First-order isostructural Mott transition in highly compressed MnO. *Physical Review Letters*, **2005**, 94, 115502	7.4	90
128	A general moment NRIXS approach to the determination of equilibrium Fe isotopic fractionation factors: Application to goethite and jarosite. *Geochimica Et Cosmochimica Acta*, **2012**, 94, 254-275	5.5	83
127	X-ray-induced dissociation of H2O and formation of an O2-H2 alloy at high pressure. *Science*, **2006**, 314, 636-8	33.3	77
126	Hidden carbon in Earth's inner core revealed by shear softening in dense Fe7C3. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 17755-8	11.5	74
125	Electronic bonding transition in compressed SiO2 glass. *Physical Review B*, **2007**, 75,	3.3	71
124	Phonon anharmonicity and negative thermal expansion in SnSe. *Physical Review B*, **2016**, 94,	3.3	68

123	Nuclear inelastic x-ray scattering of FeO to 48 GPa. *Physical Review Letters*, **2001**, 87, 255501	7.4	63
122	Microscopic dynamics of liquid aluminum oxide. *Science*, **2003**, 299, 2047-9	33.3	61
121	A Combined Probe-Molecule, Mössbauer, Nuclear Resonance Vibrational Spectroscopy, and Density Functional Theory Approach for Evaluation of Potential Iron Active Sites in an Oxygen Reduction Reaction Catalyst. *Journal of Physical Chemistry C*, **2017**, 121, 16283-16290	3.8	60
120	Element-resolved thermodynamics of magnetocaloric LaFe(13-x)Si(x). *Physical Review Letters*, **2015**, 114, 057202	7.4	59
119	Inelastic nuclear resonant scattering with sub-meV energy resolution. *Applied Physics Letters*, **1997**, 71, 2112-2114	3.4	59
118	Vibrational Dynamics Studies by Nuclear Resonant Inelastic X-Ray Scattering. *Hyperfine Interactions*, **2002**, 144/145, 3-20	0.8	59
117	Pressure-induced electronic spin transition of iron in magnesiowustite-(Mg,Fe)O. *Physical Review B*, **2006**, 73,	3.3	57
116	Magnetic transition in compressed Fe3C from x-ray emission spectroscopy. *Physical Review B*, **2004**, 70,	3.3	54
115	Unusual Synthetic Pathway for an {Fe(NO)2}(9) Dinitrosyl Iron Complex (DNIC) and Insight into DNIC Electronic Structure via Nuclear Resonance Vibrational Spectroscopy. *Inorganic Chemistry*, **2016**, 55, 5485-501	5.1	48
114	X-ray Raman scattering studies on C60 fullerenes and multi-walled carbon nanotubes under pressure. *Diamond and Related Materials*, **2007**, 16, 1250-1253	3.5	45
113	Spinel–olivine–pyroxene equilibrium iron isotopic fractionation and applications to natural peridotites. *Geochimica Et Cosmochimica Acta*, **2015**, 169, 184-199	5.5	44
112	Inelastic x-ray scattering of dense solid oxygen: evidence for intermolecular bonding. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 11640-4	11.5	44
111	The Semireduced Mechanism for Nitric Oxide Reduction by Non-Heme Diiron Complexes: Modeling Flavodiiron Nitric Oxide Reductases. *Journal of the American Chemical Society*, **2018**, 140, 2562-2574	16.4	43
110	Structural characterization of a non-heme iron active site in zeolites that hydroxylates methane. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 4565-4570	11.5	42
109	Operando Phonon Studies of the Protonation Mechanism in Highly Active Hydrogen Evolution Reaction Pentlandite Catalysts. *Journal of the American Chemical Society*, **2017**, 139, 14360-14363	16.4	42
108	Phase transition with suppression of magnetism in BiFeO3 at high pressure. *JETP Letters*, **2005**, 82, 224-227	1.7	41
107	New cubic phase of Li3N: stability of the N3- ion to 200 GPa. *Physical Review Letters*, **2005**, 95, 165503	7.4	40
106	Peroxide Activation for Electrophilic Reactivity by the Binuclear Non-heme Iron Enzyme AurF. *Journal of the American Chemical Society*, **2017**, 139, 7062-7070	16.4	38

105	Effect of isotopic composition on the lattice parameter of germanium measured by x-ray backscattering. *Physical Review B*, **2003**, 67,	3.3	35
104	Temperature of Earth's core constrained from melting of Fe and Fe0.9Ni0.1 at high pressures. *Earth and Planetary Science Letters*, **2016**, 447, 72-83	5.3	34
103	Experimental determination of the elasticity of iron at high pressure. *Journal of Geophysical Research*, **2008**, 113,		34
102	4f delocalization in Gd: inelastic x-ray scattering at ultrahigh pressure. *Physical Review Letters*, **2006**, 96, 215701	7.4	34
101	Impact of lattice dynamics on the phase stability of metamagnetic FeRh: Bulk and thin films. *Physical Review B*, **2016**, 94,	3.3	32
100	Reduced partition function ratios of iron and oxygen in goethite. *Geochimica Et Cosmochimica Acta*, **2015**, 151, 19-33	5.5	30
99	Ferric Heme-Nitrosyl Complexes: Kinetically Robust or Unstable Intermediates?. *Inorganic Chemistry* , **2017**, 56, 10513-10528	5.1	30
98	Moments in nuclear resonant inelastic x-ray scattering and their applications. *Physical Review B*, **2013**, 87,	3.3	30
97	Data analysis for inelastic nuclear resonant absorption experiments. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **1999**, 428, 551-555	1.2	29
96	Introduction to nuclear resonant scattering with synchrotron radiation **1998**, 113, 47-58		28
95	Multiple-beam x-ray diffraction near exact backscattering in silicon. *Physical Review B*, **2001**, 63,	3.3	28
94	Nitrosylation of Nitric-Oxide-Sensing Regulatory Proteins Containing [4Fe-4S] Clusters Gives Rise to Multiple Iron-Nitrosyl Complexes. *Angewandte Chemie - International Edition*, **2016**, 55, 14575-14579	16.4	27
93	Iron isotopic fractionation between silicate mantle and metallic core at high pressure. *Nature Communications*, **2017**, 8, 14377	17.4	26
92	Structure and vibrational dynamics of interfacial Sn layers in Sn/Si multilayers. *Physical Review B*, **2001**, 64,	3.3	26
91	Phonon density of states in epitaxial FE/CR(0 0 1) superlattices **2000**, 126, 363-366		25
90	Pressure-induced valence change in YbAl3: A combined high-pressure inelastic x-ray scattering and theoretical investigation. *Physical Review B*, **2008**, 78,	3.3	24
89	Absence of magnetism in hcp iron-nickel at 11 K. *Physical Review Letters*, **2006**, 97, 087202	7.4	23
88	Non-heme High-Spin {FeNO} Complexes: One Ligand Platform Can Do It All. *Journal of the American Chemical Society*, **2018**, 140, 11341-11359	16.4	22

87	Comprehensive Fe-ligand vibration identification in {FeNO}6 hemes. *Journal of the American Chemical Society*, **2014**, 136, 18100-10	16.4	22
86	Terminal Hydride Species in [FeFe]-Hydrogenases Are Vibrationally Coupled to the Active Site Environment. *Angewandte Chemie - International Edition*, **2018**, 57, 10605-10609	16.4	21
85	Phonon density of states of self-assembled isolated Fe-rich Fe-Pt alloy nanoclusters. *Physical Review B*, **2009**, 80,	3.3	21
84	Pressure-induced electron spin transition in the paramagnetic phase of the GdFe3(BO3)4 Heisenberg magnet. *JETP Letters*, **2007**, 84, 518-523	1.2	21
83	SciPhon: a data analysis software for nuclear resonant inelastic X-ray scattering with applications to Fe, Kr, Sn, Eu and Dy. *Journal of Synchrotron Radiation*, **2018**, 25, 1581-1599	2.4	21
82	Recent advances in biosynthetic modeling of nitric oxide reductases and insights gained from nuclear resonance vibrational and other spectroscopic studies. *Inorganic Chemistry*, **2015**, 54, 9317-29	5.1	20
81	Effects of Noncovalent Interactions on High-Spin Fe(IV)-Oxido Complexes. *Journal of the American Chemical Society*, **2020**, 142, 11804-11817	16.4	20
80	NRVS Studies of the Peroxide Shunt Intermediate in a Rieske Dioxygenase and Its Relation to the Native Fe O Reaction. *Journal of the American Chemical Society*, **2018**, 140, 5544-5559	16.4	20
79	Crystal monochromator with a resolution beyond 10(8). *Journal of Synchrotron Radiation*, **2001**, 8, 1082-6	2.4	20
78	Experimental constraints on the sound velocities of cementite Fe3C to core pressures. *Earth and Planetary Science Letters*, **2018**, 494, 164-171	5.3	20
77	X-ray Raman spectroscopic study of benzene at high pressure. *Journal of Physical Chemistry B*, **2007**, 111, 11635-7	3.4	18
76	Phonon density of states of Sn in textured SnO under high pressure: Comparison of nuclear inelastic x-ray scattering spectra to a shell model. *Physical Review B*, **2006**, 74,	3.3	18
75	Four-reflection tested meV-monochromators for 20 30keV synchrotron radiation. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2006**, 557, 670-675	1.2	18
74	Atomic form-factor measurements in the low-momentum transfer region for Li, Be, and Al by inelastic x-ray scattering. *Physical Review B*, **2008**, 77,	3.3	17
73	High-energy-resolution monochromator for 83Kr nuclear resonant scattering. *Review of Scientific Instruments*, **2002**, 73, 1608-1610	1.7	16
72	Operando NRIXS and XAFS Investigation of Segregation Phenomena in Fe-Cu and Fe-Ag Nanoparticle Catalysts during CO Electroreduction. *Angewandte Chemie - International Edition*, **2020**, 59, 22667-22674	16.4	16
71	Experimentally determined effects of olivine crystallization and melt titanium content on iron isotopic fractionation in planetary basalts. *Geochimica Et Cosmochimica Acta*, **2018**, 238, 580-598	5.5	14
70	Atom clusters and vibrational excitations in chemically-disordered Pt357Fe. *Physical Review B*, **2000** , 61, 14517-14522	3.3	14

69	A high-resolution monochromator for inelastic nuclear resonant scattering experiments using. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **1999**, 430, 271-276	1.2	14
68	Iron isotopic fractionation in mineral phases from Earth's lower mantle: Did terrestrial magma ocean crystallization fractionate iron isotopes?. *Earth and Planetary Science Letters*, **2019**, 506, 113-122	5.3	14
67	Hard x-ray radiation induced dissociation of N2 and O2 molecules and the formation of ionic nitrogen oxide phases under pressure. *Physical Review B*, **2006**, 74,	3.3	13
66	Electronic Structures of an [Fe(NNR)] Redox Series: Ligand Noninnocence and Implications for Catalytic Nitrogen Fixation. *Inorganic Chemistry*, **2019**, 58, 3535-3549	5.1	13
65	Stable Ferrous Mononitroxyl {FeNO} Complex with a Hindered Hydrotris(pyrazolyl)borate Coligand: Structure, Spectroscopic Characterization, and Reactivity Toward NO and O. *Inorganic Chemistry*, **2019**, 58, 4059-4062	5.1	12
64	Magnetism of europium under extreme pressures. *Physical Review B*, **2016**, 93,	3.3	12
63	Synchrotron M□ssbauer spectroscopic study of ferropericlase at high pressures and temperatures. *American Mineralogist*, **2009**, 94, 594-599	2.9	12
62	Nuclear Resonance Vibrational Spectroscopy Definition of O Intermediates in an Extradiol Dioxygenase: Correlation to Crystallography and Reactivity. *Journal of the American Chemical Society*, **2018**, 140, 16495-16513	16.4	12
61	Nuclear resonant inelastic X-ray scattering at high pressure and low temperature. *Journal of Synchrotron Radiation*, **2015**, 22, 760-5	2.4	11
60	Seismic parameters of hcp-Fe alloyed with Ni and Si in the Earth's inner core. *Journal of Geophysical Research: Solid Earth*, **2016**, 121, 610-623	3.6	11
59	Heating events in the nascent solar system recorded by rare earth element isotopic fractionation in refractory inclusions. *Science Advances*, **2021**, 7,	14.3	11
58	Dy Time-Domain Synchrotron M□ssbauer Spectroscopy for Investigating Single-Molecule Magnets Incorporating Dy Ions. *Angewandte Chemie - International Edition*, **2019**, 58, 3444-3449	16.4	10
57	Moment-Volume Coupling in La(Fe1□Six)13. *Physica Status Solidi (B): Basic Research*, **2018**, 255, 1700465	1.3	9
56	Influence of interfaces on the phonon density of states of nanoscale metallic multilayers: Phonon confinement and localization. *Physical Review B*, **2018**, 98,	3.3	9
55	Probing heme vibrational anisotropy: an imidazole orientation effect?. *Inorganic Chemistry*, **2013**, 52, 11361-9	5.1	9
54	A compact membrane-driven diamond anvil cell and cryostat system for nuclear resonant scattering at high pressure and low temperature. *Review of Scientific Instruments*, **2017**, 88, 125109	1.7	9
53	Partial phonon densities of states of Fe57 in Fe-Cr: Analysis by a local-order cluster expansion. *Physical Review B*, **2007**, 75,	3.3	9
52	Valence band x-ray emission spectra of compressed germanium. *Physical Review Letters*, **2006**, 96, 137402	7.4	9

51	Theoretical and experimental study of ⊟Sn deposited on CdTe(001). *Physical Review B*, **2003**, 67,	3.3	9
50	Synthetic Model Complex of the Key Intermediate in Cytochrome P450 Nitric Oxide Reductase. *Inorganic Chemistry*, **2019**, 58, 1398-1413	5.1	9
49	Influence of hydrogenation on the vibrational density of states of magnetocaloric LaFe11.4Si1.6H1.6. *Physical Review B*, **2020**, 101,	3.3	8
48	Determining the vibrational entropy change in the giant magnetocaloric material LaFe11.6Si1.4 by nuclear resonant inelastic x-ray scattering. *Physical Review B*, **2018**, 98,	3.3	8
47	Mechanisms for pressure-induced crystal-crystal transition, amorphization, and devitrification of SnI4. *Journal of Chemical Physics*, **2015**, 143, 164508	3.9	8
46	Iron, magnesium, and titanium isotopic fractionations between garnet, ilmenite, fayalite, biotite, and tourmaline: Results from NRIXS, ab initio, and study of mineral separates from the Moosilauke metapelite. *Geochimica Et Cosmochimica Acta*, **2021**, 302, 18-45	5.5	8
45	Mechanism of selective benzene hydroxylation catalyzed by iron-containing zeolites. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 12124-12129	11.5	8
44	Fast temperature spectrometer for samples under extreme conditions. *Review of Scientific Instruments*, **2015**, 86, 013105	1.7	7
43	Phonon Density of States and Elastic Properties of Fe-based Materials under Compression. *Hyperfine Interactions*, **2004**, 153, 3-15	0.8	7
42	Experimental observation of electron-phonon coupling enhancement in Sn nanowires caused by phonon confinement effects. *Physical Review B*, **2019**, 99,	3.3	7
41	Exploring the Vibrational Side of Spin-Phonon Coupling in Single-Molecule Magnets via Dy Nuclear Resonance Vibrational Spectroscopy. *Angewandte Chemie - International Edition*, **2020**, 59, 8818-8822	16.4	6
40	The influence of phonon softening on the superconducting critical temperature of Sn nanostructures. *Scientific Reports*, **2020**, 10, 5729	4.9	6
39	Vibrational dynamics (IR, Raman, NRVS) and a DFT study of a new antitumor tetranuclearstannoxane cluster, Sn(iv)-oxo-{di-o-vanillin} dimethyl dichloride. *Physical Chemistry Chemical Physics*, **2016**, 18, 17805-9	3.6	6
38	How Does a Heme Carbene Differ from Diatomic Ligated (NO, CO, and CN) Analogues in the Axial Bond?. *Inorganic Chemistry*, **2018**, 57, 8788-8795	5.1	6
37	Anisotropic iron motion in nitrosyl iron porphyrinates: natural and synthetic hemes. *Inorganic Chemistry*, **2014**, 53, 2582-90	5.1	6
36	Quantitative vibrational dynamics of the metal site in a tin porphyrin: an IR, NRVS, and DFT study. *Inorganic Chemistry*, **2013**, 52, 9948-53	5.1	6
35	Pressure-induced loss of electronic interlayer state and metallization in the ionic solid Li3N: Experiment and theory. *Physical Review B*, **2008**, 78,	3.3	6
34	Bonding changes in single wall carbon nanotubes (SWCNT) on Ti and TiH2 addition probed by X-ray Raman scattering. *Diamond and Related Materials*, **2007**, 16, 1136-1139	3.5	6

33	Exploring the Limits of Dative Boratrane Bonding: Iron as a Strong Lewis Base in Low-Valent Non-Heme Iron-Nitrosyl Complexes. *Inorganic Chemistry*, **2020**, 59, 14967-14982	5.1	6
32	Some notes on data analysis for nuclear resonant inelastic x-ray scattering. *Hyperfine Interactions*, **2016**, 237, 1	0.8	5
31	Lattice dynamics in Sn nanoislands and cluster-assembled films. *Physical Review B*, **2017**, 95,	3.3	5
30	Interplay between lattice dynamics and superconductivity in Nb3Sn thin films. *Physical Review B*, **2013**, 88,	3.3	5
29	Effects of vacancies on phonon entropy of B2 FeAl. *Physical Review B*, **2009**, 80,	3.3	5
28	Elastic and magnetic properties of Fe3P up to core pressures: Phosphorus in the Earth's core. *Earth and Planetary Science Letters*, **2020**, 531, 115974	5.3	5
27	Ultra-stable sub-meV monochromator for hard X-rays. *Journal of Synchrotron Radiation*, **2015**, 22, 1155-62	2.4	4
26	Vibrational dynamics of the host framework in Sn clathrates. *Physical Review B*, **2014**, 90,	3.3	4
25	Relaxation experiments with synchrotron radiation **1998**, 113, 81-95		4
24	Partial Phonon Density of States of Dysprosium and its Compounds Measured Using Inelastic Nuclear Resonance Scattering. *Hyperfine Interactions*, **2004**, 153, 17-24	0.8	4
23	Lattice dynamics and elasticity in thermoelectric Mg2Si1−xSnx. *Physical Review Materials*, **2019**, 3,	3.2	4
22	3D Motions of Iron in Six-Coordinate {FeNO}(7) Hemes by Nuclear Resonance Vibration Spectroscopy. *Chemistry - A European Journal*, **2016**, 22, 6323-6332	4.8	4
21	161Dy Time-Domain Synchrotron Mössbauer Spectroscopy for Investigating Single-Molecule Magnets Incorporating Dy Ions. *Angewandte Chemie*, **2019**, 131, 3482-3487	3.6	3
20	Untersuchung von Schwingungen in Bezug auf Spin-Phonon-Kopplung in Einzelmolekülmagneten mittels nuklearer inelastischer Streuung am 161Dy-Kern. *Angewandte Chemie*, **2020**, 132, 8902-8907	3.6	3
19	Terminal Hydride Species in [FeFe]-Hydrogenases Are Vibrationally Coupled to the Active Site Environment. *Angewandte Chemie*, **2018**, 130, 10765-10769	3.6	3
18	Orbital energy mismatch engenders high-spin ground states in heterobimetallic complexes. *Chemical Science*, **2020**, 11, 9971-9977	9.4	3
17	Confined lattice dynamics of single and quadruple SnSe bilayers in [(SnSe)(1.04)](m)[MoSe2](n) ferecrystals. *Nanoscale*, **2016**, 8, 856-61	7.7	2
16	Development of an integrated four-channel fast avalanche-photodiode detector system with nanosecond time resolution. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2017**, 870, 43-49	1.2	2

15	Interface-related magnetic and vibrational properties in Fe/MgO heterostructures from nuclear resonant spectroscopy and first-principles calculations. *Physical Review Materials*, **2020**, 4,	3.2	2
14	Changes in vibrational entropy during the early stages of chemical unmixing in fcc Cu□% Fe. *Acta Materialia*, **2013**, 61, 7466-7472	8.4	1
13	High-resolution monochromator for inelastic scattering studies of high-energy phonons using undulator radiation at the Advanced Photon Source **1997**, 3151, 271		1
12	Phase Transitions in Multiferroic BiFeO3. *Materials Research Society Symposia Proceedings*, **2006**, 987, 1		1
11	Onset of anharmonicity and thermal conductivity in SnSe. *Physical Review B*, **2021**, 104,	3.3	1
10	Fe M□ssbauer isomer shift of pure iron and iron oxides at high pressure-An experimental and theoretical study. *Journal of Chemical Physics*, **2021**, 154, 214104	3.9	1
9	Influence of ligand substitution on magnetic hyperfine interaction in Dy6-based single-molecule magnets/toroics. *Hyperfine Interactions*, **2019**, 240, 1	0.8	1
8	Microscopic phase diagram of LaFeAsO single crystals under pressure. *Physical Review B*, **2018**, 98,	3.3	1
7	Structural, redox and isotopic behaviors of iron in geological silicate glasses: A NRIXS study of Lamb-M□ssbauer factors and force constants. *Geochimica Et Cosmochimica Acta*, **2022**, 321, 184-184	5.5	0
6	Operando NRIXS and XAFS Investigation of Segregation Phenomena in Fe-Cu and Fe-Ag Nanoparticle Catalysts during CO2 Electroreduction. *Angewandte Chemie*, **2020**, 132, 22856-22863	3.6	0
5	Iron force constants of bridgmanite at high pressure: Implications for iron isotope fractionation in the deep mantle. *Geochimica Et Cosmochimica Acta*, **2021**, 294, 215-231	5.5	0
4	R□ktitelbild: 161Dy Time-Domain Synchrotron M□ssbauer Spectroscopy for Investigating Single-Molecule Magnets Incorporating Dy Ions (Angew. Chem. 11/2019). *Angewandte Chemie*, **2019**, 131, 3690-3690	3.6	
3	Microfocusing options for the inelastic X-ray scattering beamline at sector 3 of the Advanced Photon Source. *Journal of Synchrotron Radiation*, **2014**, 21, 488-96	2.4	
2	Synchrotron Moessbauer Spectroscopy and Resistivity Studies of Iron Oxide Under High Pressure. *Materials Research Society Symposia Proceedings*, **2006**, 987, 1		
1	High-throughput nuclear resonance time domain interferometry using annular slits.. *Journal of Synchrotron Radiation*, **2022**, 29, 677-686	2.4	