Toshinobu Yogo

List of Publications by Year in descending order

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130 3,467 26 55 papers citations h-index g-index

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132 132 132 4247 all docs docs citations times ranked citing authors

#	Article	IF	CITATIONS
1	Processing and Piezoelectric Properties of Lead-Free (K,Na) (Nb,Ta) O3 Ceramics. Journal of the American Ceramic Society, 2005, 88, 1190-1196.	3.8	436
2	Superparamagnetic Nanoparticle Clusters for Cancer Theranostics Combining Magnetic Resonance Imaging and Hyperthermia Treatment. Theranostics, 2013, 3, 366-376.	10.0	291
3	Synthesis of Dendrimer-Passivated Noble Metal Nanoparticles in a Polar Medium:Â Comparison of Size between Silver and Gold Particles. Chemistry of Materials, 2001, 13, 1674-1681.	6.7	236
4	High-Frequency, Magnetic-Field-Responsive Drug Release from Magnetic Nanoparticle/Organic Hybrid Based on Hyperthermic Effect. ACS Applied Materials & Samp; Interfaces, 2010, 2, 1903-1911.	8.0	230
5	Magnetically Responsive Smart Nanoparticles for Cancer Treatment with a Combination of Magnetic Hyperthermia and Remote-Control Drug Release. Theranostics, 2014, 4, 834-844.	10.0	186
6	Chemoselective Synthesis of Folic Acidâ^'Functionalized Magnetite Nanoparticles via Click Chemistry for Magnetic Hyperthermia. Chemistry of Materials, 2009, 21, 1318-1325.	6.7	98
7	Synthesis of Highly Oriented Lead Zirconate-Lead Titanate Film Using Metallo-organics. Journal of the American Ceramic Society, 1992, 75, 2785-2789.	3.8	88
8	Preparation of Strontium Barium Niobate by Sol-Gel Method. Journal of the American Ceramic Society, 1992, 75, 1697-1700.	3.8	85
9	One-Pot Biofunctionalization of Magnetic Nanoparticles via Thiolâ^'Ene Click Reaction for Magnetic Hyperthermia and Magnetic Resonance Imaging. Chemistry of Materials, 2010, 22, 3768-3772.	6.7	81
10	Smart Ferrofluid with Quick Gel Transformation in Tumors for MRlâ€Guided Local Magnetic Thermochemotherapy. Advanced Functional Materials, 2016, 26, 1708-1718.	14.9	72
11	Synthesis of Amorphous Boron Nitride by Pressure Pyrolysis of Borazine. Journal of the American Ceramic Society, 1989, 72, 66-70.	3.8	68
12	Preparation of Potassium Tantalate Niobate by Sol-Gel Method. Journal of the American Ceramic Society, 1992, 75, 1701-1704.	3.8	66
13	Ferroelectric properties of chemically synthesized perovskite BiFeO3–PbTiO3 thin films. Journal of Applied Physics, 2008, 104, .	2.5	64
14	Electrosprayed Synthesis of Redâ€Bloodâ€Cellâ€Like Particles with Dual Modality for Magnetic Resonance and Fluorescence Imaging. Small, 2010, 6, 2384-2391.	10.0	59
15	Synthesis of Strontium Barium Niobate Thin Films through Metal Alkoxide. Journal of the American Ceramic Society, 1996, 79, 2283-2288.	3.8	57
16	Synthesis of organosiloxane-based inorganic/organic hybrid membranes with chemically bound phosphonic acid for proton-conductors. Electrochimica Acta, 2007, 52, 5924-5931.	5.2	39
17	In situ synthesis of nanocrystalline BaTiO3 particle–polymer hybrid. Journal of Materials Research, 2004, 19, 3290-3297.	2.6	37
18	Synthesis of Highly Oriented $K(Ta,Nb)O3$ ($Ta:Nb = 65:35$) Film Using Metal Alkoxides. Journal of the American Ceramic Society, 1995, 78, 2175-2179.	3.8	36

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19	Ultraviolet Patterning of Alkoxy-Derived Lithium Niobate Film. Journal of the American Ceramic Society, 1995, 78, 1649-1652.	3.8	36
20	Synthesis of Nd:YVO4Thin Films by a Sol-Gel Method. Journal of the American Ceramic Society, 1996, 79, 3041-3044.	3.8	33
21	Proton conductive inorganic–organic hybrid membranes functionalized with phosphonic acid for polymer electrolyte fuel cell. Journal of Power Sources, 2010, 195, 5882-5888.	7.8	33
22	Synthesis of α–Fe2O3 particle/oligomer hybrid material. Journal of Materials Research, 1996, 11, 475-482.	2.6	32
23	Effect of texturing on polarization switching dynamics in ferroelectric ceramics. Applied Physics Letters, 2016, 108, .	3.3	32
24	Processing of Oriented K(Ta,Nb)O ₃ Films Using Chemical Solution Deposition. Journal of the American Ceramic Society, 1999, 82, 1463-1466.	3.8	31
25	Synthesis of proton conductive inorganic–organic hybrid membranes from organoalkoxysilane and hydroxyalkylphosphonic acid. Journal of Membrane Science, 2009, 326, 701-707.	8.2	30
26	Preparation and Phase Separation Behavior of (Co,Fe)3O4 Films. Journal of the American Ceramic Society, 1993, 76, 1788-1792.	3.8	29
27	Synthesis of barium titanate/polymer composites from metal alkoxide. Journal of Sol-Gel Science and Technology, 1994, 2, 175-179.	2.4	27
28	Red blood cell-like particles with the ability to avoid lung and spleen accumulation for the treatment of liver fibrosis. Biomaterials, 2018, 156, 45-55.	11.4	26
29	Preparation of beta-BaB2O4 Powders and Thin Films by Sol-Gel Method. Journal of the American Ceramic Society, 1992, 75, 2590-2592.	3.8	25
30	Synthesis of proton-conductive sol–gel membranes from trimethoxysilylmethylstyrene and phenylvinylphosphonic acid. Journal of Membrane Science, 2007, 303, 43-53.	8.2	25
31	Synthesis of Highly Transparent Lithium Ferrite Nanoparticle/Polymer Hybrid Self-standing Films Exhibiting Faraday Rotation in the Visible Region. Journal of Physical Chemistry C, 2008, 112, 14255-14261.	3.1	24
32	Effects of SrTiO3 content and Mn doping on dielectric and magnetic properties of BiFeO3-SrTiO3 ceramics. Journal of the Ceramic Society of Japan, 2009, 117, 939-943.	1.1	24
33	Synthesis of PbTiO3/organic hybrid from metalorganic compounds. Journal of Materials Research, 1999, 14, 3275-3280.	2.6	23
34	Fabrication and Characterization of (100),(001)-Oriented Reduction-Resistant Lead-Free Piezoelectric (Ba,Ca)TiO ₃ Ceramics Using Platelike Seed Crystals. Japanese Journal of Applied Physics, 2013, 52, 09KD08.	1.5	23
35	Synthesis of transparent magnetic particle/organic hybrid film using iron–organics. Journal of Materials Research, 2000, 15, 2114-2120.	2.6	22
36	Synthesis of KTiOPO4 (KTP) Thin Films Using Metallo-organics. Journal of the American Ceramic Society, 1995, 78, 2956-2960.	3.8	21

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37	Synthesis of magnetic particle/organic hybrid from metalorganic compounds. Journal of Materials Research, 1999, 14, 2855-2860.	2.6	21
38	Synthesis of spinel iron oxide nanoparticle/organic hybrid for hyperthermia. Journal of Materials Research, 2008, 23, 3415-3424.	2.6	21
39	Orientation Control and Laser-Beam-Assisted Crystallization of Sol-Gel-Derived, Titanium-Doped LiNbO3 Thin Films. Journal of the American Ceramic Society, 1996, 79, 2289-2292.	3.8	20
40	Synthesis of Lead Barium Niobate Powders and Thin Films by the Sol-Gel Method. Journal of the American Ceramic Society, 1996, 79, 889-894.	3.8	19
41	Gasâ€Sensing Properties of Spinodally Decomposed (Ti,Sn)O ₂ Thin Films. Journal of the American Ceramic Society, 1999, 82, 225-228.	3.8	18
42	Chemical Processing of Potassiumâ€Substituted Strontium Barium Niobate Thin Films through Metalloâ€organics. Journal of the American Ceramic Society, 1998, 81, 2692-2698.	3.8	18
43	Proton-conductive sol–gel membranes from phenylvinylphosphonic acid and organoalkoxysilanes with different functionalities. Journal of Membrane Science, 2008, 311, 182-191.	8.2	18
44	Mechanical and Thermal Properties of SiC-AlN Ceramics with Modulated Texture. Journal of the Ceramic Society of Japan, 1993, 101, 1281-1286.	1.3	17
45	Synthesis of a KNbO3 particle/polymer hybrid from metalorganics. Journal of Materials Research, 2003, 18, 1679-1685.	2.6	17
46	Synthesis of transparent BaTiO3 nanoparticle/polymer hybrid. Journal of Nanoparticle Research, 2007, 9, 225-232.	1.9	17
47	Red Blood Cell-Shaped Microparticles with a Red Blood Cell Membrane Demonstrate Prolonged Circulation Time in Blood. ACS Biomaterials Science and Engineering, 2018, 4, 2729-2732.	5.2	17
48	In Situ Formation of Ce-TZP/Ba Hexaaluminate Composites Journal of the Ceramic Society of Japan, 1999, 107, 814-819.	1.3	16
49	Inâ€Situ Formation of Ceâ€₹ZPâ€Mâ€₹ype Hexaferrite Composites. Journal of the American Ceramic Society, 1998, 81, 2965-2970.	3.8	15
50	One-pot synthesis of proton-conductive inorganic–organic hybrid membranes from organoalkoxysilane and phosphonic acid derivatives. Journal of Membrane Science, 2016, 502, 133-140.	8.2	15
51	Synthesis and properties of cobalt-dispersed carbons by pressure pyrolysis of organocobalt polymers. Journal of Materials Science, 1986, 21, 225-229.	3.7	14
52	Synthesis of Cubic Boron Nitride from Boron Nitride Synthesized by Pressure Pyrolysis of Borazine. Journal of the American Ceramic Society, 1990, 73, 2238-2241.	3.8	14
53	Phase Separation of Alkoxy-derived (Ti,Sn)O2Oriented Thin Films. Journal of the American Ceramic Society, 1997, 80, 2864-2668.	3.8	14
54	Dispersibility of BaTiO3 Aqueous Slurries with Poly Ammonium Acrylate Based Dispersant. Journal of the Ceramic Society of Japan, 2003, 111, 811-814.	1.3	14

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55	Optical properties of transparent barium titanate nanoparticle/polymer hybrid synthesized from metal alkoxides. Journal of Nanoparticle Research, 2010, 12, 1933-1943.	1.9	14
56	Spin-glass behavior of nanocrystalline multiferroic bismuth ferrite lead titanate. Journal of Materials Chemistry, 2011, 21, 781-788.	6.7	14
57	Chemical Processing of Ferroelectric Niobates Epitaxial Films. Materials Research Society Symposia Proceedings, 1992, 271, 331.	0.1	13
58	Effect of Phosphorus Sources on Synthesis of KTiOPO4 Thin Films by Solâ^Gel Method. Chemistry of Materials, 1997, 9, 2174-2178.	6.7	13
59	In situ synthesis of transparent TiO2 nanoparticle/polymer hybrid. Journal of Materials Science, 2013, 48, 7503-7509.	3.7	13
60	Processing and characterization of Pb(Mg, Nb)O3-PbTiO3 thin films from metal alkoxide-derived gels. Journal of Sol-Gel Science and Technology, 1994, 2, 329-334.	2.4	12
61	Processing of Novel Strontium Titanateâ€Based Thinâ€Film Varistors by Chemical Solution Deposition. Journal of the American Ceramic Society, 2003, 86, 99-104.	3.8	12
62	Preparation and Properties of Bi4? xNdxTi3O12 Thin Films by Chemical Solution Deposition. Journal of Electroceramics, 2004, 13, 339-343.	2.0	12
63	Chemical solution processing and characterization of Ba(Zr,Ti)O3/LaNiO3 layered thin films. Journal of Sol-Gel Science and Technology, 2007, 42, 213-220.	2.4	12
64	Proton-conductive inorganic–organic hybrid membranes synthesized from a trimethoxysilylmethylstyrene–fluorophenylvinyl acid copolymer. Journal of Membrane Science, 2015, 488, 166-172.	8.2	12
65	Formation of TiO2Nanostructures by Enzyme-Mediated Self-Assembly for the Destruction of Macrophages. Chemistry of Materials, 2011, 23, 3341-3347.	6.7	11
66	Cellulose-based molecularly imprinted red-blood-cell-like microparticles for the selective capture of cortisol. Carbohydrate Polymers, 2018, 193, 173-178.	10.2	11
67	Processing of Functional Ceramics by Metallorganic Route. Journal of the Ceramic Society of Japan, 1991, 99, 1026-1035.	1.3	10
68	In Situ Processing of Y-TZP/M-Type Hexaferrite Composite Journal of the Ceramic Society of Japan, 1999, 107, 796-800.	1.3	10
69	Transparent and self-standing manganese zinc ferrite nanoparticle/cellulose hybrid films. Materials Letters, 2014, 137, 491-494.	2.6	10
70	Hydrothermal Growth of Calcite Single Crystals in Nitrate Solutions. Journal of the Ceramic Society of Japan, 1993, 101, 113-117.	1.3	9
71	Processing of \hat{l}^2 -BaB2O4 thin films through metal organics. Journal of Sol-Gel Science and Technology, 1997, 9, 201-209.	2.4	9
72	Co ²⁺ â€Substitution Effect in Ceâ€TZP/La Mâ€type Hexaferrite Composites. Journal of the American Ceramic Society, 2000, 83, 281-286.	3.8	9

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73	Synthesis of Fe-doped ZnO Particle/polymer Hybrid from Metalorganics. Journal of Materials Research, 2005, 20, 1470-1475.	2.6	9
74	Synthesis and properties of perovskite BiFeO3-K0.5Na0.5NbO3 ceramics by solid-state reaction. Journal of the Ceramic Society of Japan, 2010, 118, 701-705.	1.1	9
75	Synthesis and characterization of multiferroic Pb(Zr,Ti)O ₃ ayered composite thin films by chemical solution deposition. Journal of the Ceramic Society of Japan, 2013, 121, 614-618.	1.1	9
76	Synthesis of Boron Nitride from Triammoniadecaborane and Ammonia. Journal of the Ceramic Association Japan, 1987, 95, 104-108.	0.2	8
77	Synthesis of Ba ₂ NaNb ₅ O ₁₅ Powders and Thin Films Using Metal Alkoxides. Journal of the American Ceramic Society, 1997, 80, 1767-1772.	3.8	8
78	Synthesis and properties of ferroelectric Si-doped (Bi, Nd)4Ti3O12 thin films by chemical solution deposition. Journal of Electroceramics, 2006, 17, 293-297.	2.0	8
79	In situ synthesis of manganese zinc ferrite nanoparticle/polymer hybrid nanocomposite from metal organics. Journal of Materials Science, 2014, 49, 5093-5099.	3.7	8
80	Synthesis of inorganic-organic hybrid membranes consisting of triazole linkages formed by the azide-alkyne click reaction. Journal of Membrane Science, 2016, 517, 21-29.	8.2	8
81	UV Processing of Oriented KTa0.50Nb0.50O3 Thin Films Journal of the Ceramic Society of Japan, 1999, 107, 1032-1036.	1.3	7
82	Synthesis of Al3+-Substituted La M-Type Hexaferrite for In Situ Ceramic Composite Processing Journal of the Ceramic Society of Japan, 1999, 107, 215-221.	1.3	7
83	Synthesis and Magneto-mechanical Properties of Ce-TZP/La M-Type Hexaferrite Composite. Journal of the American Ceramic Society, 2002, 85, 2212-2216.	3 . 8	7
84	Synthesis of ZnO particle–polymer hybrid from zinc–organics. Journal of Materials Research, 2004, 19, 651-656.	2.6	7
85	Synthesis of Oriented Ba ₂ NaNb ₅ O ₁₅ (BNN) Thin Films from an Alkoxyâ€derived Precursor. Journal of the American Ceramic Society, 1999, 82, 2672-2676.	3.8	7
86	Alkoxyâ€Derived KTiOPO ₄ (KTP) Fibers. Journal of the American Ceramic Society, 1997, 80, 2437-2440.	3.8	7
87	Synthesis of nickel zinc ferrite nanoparticle/organic hybrid from metalorganics. Journal of Materials Research, 2007, 22, 1967-1974.	2.6	7
88	Microstructure and Mechanical Properties of SiC-AlN Ceramics after Phase Separation Treatment. Journal of the Ceramic Society of Japan, 1993, 101, 793-799.	1.3	6
89	Synthesis and Processing of Barium Hexaaluminogallates. Journal of the American Ceramic Society, 2001, 84, 1433-1438.	3.8	6
90	In situ synthesis of lithium ferrite nanoparticle/polymer hybrid. Journal of Materials Research, 2007, 22, 974-981.	2.6	6

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91	Synthesis and field-responsive properties of SrTiO3 nanoparticle/polymer hybrid. Journal of Materials Research, 2009, 24, 2221-2228.	2.6	6
92	Nanomagnetism in nanocrystalline multiferroic bismuth ferrite lead titanate films. Journal of Nanoparticle Research, 2011, 13, 5603-5613.	1.9	6
93	In Situ Synthesis of Field-responsive Nanocrystalline BaTiO3 Particles Modified with Functional Organics. Journal of Nanoparticle Research, 2005, 7, 633-640.	1.9	5
94	One-pot synthesis of magnetic nanoparticles assembled on polysiloxane rod and their response to magnetic field. Colloid and Polymer Science, 2013, 291, 2837-2842.	2.1	5
95	Fabrication of lead-free piezoelectric Li2CO3-added (Ba,Ca)(Ti,Sn)O3ceramics under controlled low oxygen partial pressure and their properties. Japanese Journal of Applied Physics, 2018, 57, 021501.	1.5	5
96	Ultraviolet patterning of KTiOPO4 thin films through metallo-organics. Journal of Materials Research, 1999, 14, 222-227.	2.6	4
97	Preparation and Properties of V-Doped (Bi,Nd)4Ti3O12 Ferroelectric Thin Films by Chemical Solution Deposition Method. Integrated Ferroelectrics, 2004, 62, 233-241.	0.7	4
98	In-Situ Processing of Laminated Ceramic Composite for Electrochemical NOx Reduction System. Journal of the Ceramic Society of Japan, 2004, 112, 82-87.	1.3	4
99	In situ synthesis of nano-sized cobalt ferrite particle/organic hybrid. Journal of Materials Research, 2006, 21, 1336-1341.	2.6	4
100	Synthesis and properties of BiScO3-PbTiO3 powders and thin films using metal-organic precursor solutions. Journal of the Ceramic Society of Japan, 2010, 118, 631-635.	1.1	4
101	Synthesis of Er-doped ZnO nanoparticle/organic hybrid from metal-organics. Journal of Materials Science, 2012, 47, 5128-5133.	3.7	4
102	Synthesis of inorganic-organic hybrid membranes consisting of organotrisiloxane linkages and their fuel cell properties at intermediate temperatures. Polymer, 2017, 120, 264-271.	3.8	4
103	Synthesis of titania nanoparticle-dispersed hybrid membranes from allyloxytitanium and phosphonic acid derivatives for fuel cell. Journal of Membrane Science, 2018, 563, 221-228.	8.2	4
104	Title is missing!. Journal of Sol-Gel Science and Technology, 1999, 16, 65-75.	2.4	3
105	Effects of Transitionâ€Metal Substitution on the Catalytic Properties of Barium Hexaaluminogallate. Journal of the American Ceramic Society, 2002, 85, 909-914.	3.8	3
106	In situ Synthesis of Nickel Ferrite Nanoparticle/organic Hybrid. Journal of Materials Research, 2005, 20, 1590-1596.	2.6	3
107	Synthesis of SrTiO ₃ nanoparticle/polymer composite film using direct current field. Journal of Materials Research, 2008, 23, 127-132.	2.6	3
108	Field-responsive BaTiO3 nanoparticle/organic hybrid synthesized from metal alkoxide. Journal of the Ceramic Society of Japan, 2011, 119, 776-782.	1.1	3

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109	Synthesis and optical properties of ZrO2 with incorporated Ti nanoparticle/polymer hybrid. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	3
110	Hydrothermal Growth of PbSO ₄ (Anglesite) Single Crystal. Journal of the Ceramic Society of Japan, 1994, 102, 1065-1068.	1.3	2
111	Preparation and characterization of K(Sr0.5Ba0.5)2Nb5O15 thin films by sol-gel method. Integrated Ferroelectrics, 1998, 20, 117-128.	0.7	2
112	Chemical solution processing of sr2(nb,ta)2o7 thin films. Integrated Ferroelectrics, 2001, 36, 275-284.	0.7	2
113	Chemical Processing and Properties of (Sr,Ca) 2 (Nb,Ta) 2 O 7 Thin Films. Integrated Ferroelectrics, 2002, 45, 49-57.	0.7	2
114	Field-assisted synthesis of BaTiO3 particle/polyvinylbutyral composite film. Journal of Materials Research, 2006, 21, 1843-1848.	2.6	2
115	Properties of flexible, transparent barium titanate nanoparticle/poly(2-hydroxyethyl methacrylate) hybrid. Journal of Materials Science, 2013, 48, 282-287.	3.7	2
116	Metallic glass separators for fuel cells at intermediate temperatures. Materials Letters, 2017, 206, 87-90.	2.6	2
117	Formation of CoB by Pyrolysis of CoB ₁₀ H ₁₀ . Journal of the Ceramic Association Japan, 1986, 94, 68-70.	0.2	1
118	Processing of \hat{l}^2 -BaB2O4 Thin Films Through Metal Organics. Journal of Sol-Gel Science and Technology, 1997, 9, 201-209.	2.4	1
119	Synthesis of Sr2KNb5O15 Thin Films by Chemical Solution Deposition Method. Journal of Materials Research, 1999, 14, 1495-1502.	2.6	1
120	Chemical solution processing and properties of tungsten bronze (ba,la)nb2o6thin films. Integrated Ferroelectrics, 2001, 36, 191-200.	0.7	1
121	DeNOx Properties of Barium Hexaaluminogallates Journal of the Ceramic Society of Japan, 2002, 110, 1-5.	1.3	1
122	Electrosprayed Synthesis of Red-Blood-Cell-Like Particles with Dual Modality for Magnetic Resonance and Fluorescence Imaging. Small, 2010, 6, n/a-n/a.	10.0	1
123	Synthesis of Carbon/Ferrite Composite by In-Situ Pressure Pyrolysis of Organometallic Polymers. Materials Research Society Symposia Proceedings, 1992, 274, 167.	0.1	0
124	Synthesis and Catalytic Properties of the Electrochemical NOxReduction System. Catalysis Letters, 2005, 103, 271-275.	2.6	0
125	Preparation and Characterization of Perovskite BiFeO <inf>3</inf> -BaTiO <inf>3</inf> Ceramics. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
126	Ferroelectric Properties of Chemically Synthesized Perovskite BiFeO <inf>3</inf> -PbTiO <inf>3</inf> Thin Films. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0

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127	Synthesis of transparent BaTiO3 nanoparticle/polymer composite film using DC field. Journal of Nanoparticle Research, 2008, 10, 1203-1208.	1.9	O
128	In situ synthesis of transparent Eu-doped ZnO particle/organic hybrid. Journal of the Ceramic Society of Japan, 2011, 119, 872-875.	1.1	0
129	Hybrid Membrane-Type Fuel Cells for Intermediate Temperatures. , 2019, , 329-341.		0
130	Synthesis of Functional Carbons by Pressure Pyrolysis of Organometallic Compounds Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 1992, 1, 99-105.	0.0	0