

被引用数	著者名	タイトル	出版物名	出版年	巻	号	論文番号	開始ページ	終了ページ
401	Tanabe, S., Ohyagi, T., Soga, N., Hanada, T.	Compositional dependence of Judd-Ofelt parameters of Er ³⁺ ions in alkali-metal borate glasses	<i>Physical Review B</i>	1992	46	6		3305	3310
233	Tanabe, S.	Optical transitions of rare earth ions for amplifiers: How the local structure works in glass	<i>J. Non-Crystalline Solids</i>	1999	259			1	9
232	Tanabe, S., Sugimoto, N., Ito, S., Hanada, T.	Broad-band 1.5 μm emission of Er ³⁺ ions in bismuth-based oxide glasses for potential WDM amplifier	<i>J. Luminescence</i>	2000	87			670	672
230	Tanabe, S., Hayashi, H., Hanada, T., Onodera, N.	Fluorescence properties of Er ³⁺ ions in glass ceramics containing LaF ₃ nanocrystals	<i>Optical Materials</i>	2002	19	3		343	349
201	Nishiura, S., Tanabe, S., Fujioka, K., Fujimoto, Y.	Properties of transparent Ce:YAG ceramic phosphors for white LED	<i>Optical Materials</i>	2011	33	5		688	691
168	Tanabe, S., Ohyagi, T., Todoroki, S., Hanada, T., Soga, N.	Relation between the Ω ₆ intensity parameter of Er ³⁺ ions and the ¹⁵¹ Eu isomer shift in oxide glasses	<i>J. Applied Physics</i>	1993	73	12		8451	8454
168	Tanabe, S., Yoshii, S., Hirao, K., Soga, N.	Upconversion properties, multiphonon relaxation, and local environment of rare-earth ions in fluorophosphate glasses	<i>Physical Review B</i>	1992	45	9		4620	4625
156	Tanabe, S., Hirao, K., Soga, N.	Upconversion fluorescences of TeO ₂ - and Ga ₂ O ₃ -based oxide glasses containing Er ³⁺	<i>J. Non-Crystalline Solids</i>	1990	122	1		79	82
135	Feng, X., Tanabe, S., Hanada, T.	Spectroscopic Properties and Thermal Stability of Er ³⁺ -Doped Germanotellurite Glasses for Broadband Fiber Amplifiers	<i>J. Am. Ceram. Soc.</i>	2001	84	1		165	171
130	Feng, X., Tanabe, S., Hanada, T.	Hydroxyl groups in erbium-doped germanotellurite glasses	<i>J. Non-Crystalline Solids</i>	2001	281			48	54
129	Fujita, S., Sakamoto, A., Tanabe, S.	Luminescence characteristics of YAG glass-ceramic phosphor for white LED	<i>IEEE J. Selected Topics in Quantum Electronics</i>	2008	14	5		1387	1391
112	Ueda, J., Tanabe, S.	Visible to near infrared conversion in Ce ³⁺ - Yb ³⁺ Co-doped YAG ceramics	<i>J. Applied Physics</i>	2009	106	4	43101		
110	Tanabe, S.	Rare-earth-doped glasses for fiber amplifiers in broadband telecommunication	<i>Comptes Rendus Chimie</i>	2002	5	12		815	824
104	Takasaki, H., Tanabe, S., Kanada, T.	Long-lasting afterglow characteristics of Eu, Dy codoped SrO-Al ₂ O ₃ phosphor	<i>J. Ceram. Soc. Jpn.</i>	1996	104	4		322	326
93	Tanabe, S., Todoroki, S., Hirao, K., Soga, N.	Phonon sideband of Eu ³⁺ in sodium borate glasses	<i>J. Non-Crystalline Solids</i>	1990	122	1		59	65

88	Fujita, S., Yoshihara, S., Sakamoto, A., Yamamoto, S., Tanabe, S.	YAG glass-ceramic phosphor for white LED (I): Background and development	<i>Proceedings of SPIE</i>	2005	5941	594111	1	7
79	Tanabe, S., Hanada, T., Watanabe, M., Hayashi, T., Soga, N.	Optical Properties of Dysprosium - Doped Low - Phonon - Energy Glasses for a Potential 1.3 μm Optical Amplifier	<i>J. Am. Ceram Soc.</i>	1995	78	11	2917	2922
79	Tanabe, S., Hanada, T., Ohyagi, T., Soga, N.	Correlation between Eu-151 Mössbauer isomer shift and Judd-Ofelt Ω_6 parameters of Nd ³⁺ ions in phosphate and silicate laser glasses	<i>Physical Review B</i>	1993	48	14	10591	10594
78	Tanabe, S., Tamai, K., Hirao, K., Soga, N.	Excited-state absorption mechanisms in red-laser-pumped uv and blue upconversions in Tm ³⁺ -doped fluoroaluminate glass	<i>Physical Review B</i>	1993	47	5	2507	2514
77	Tanabe, S., Suzuki, K., Soga, N., Hanada, T.	Mechanisms and concentration dependence of Tm ³⁺ blue and Er ³⁺ green up-conversion in codoped glasses by red-laser pumping	<i>J. Luminescence</i>	1995	65	5	247	255
75	Tanabe, S., Feng, X.	Temperature variation of near-infrared emission from Cr ⁴⁺ in aluminate glass for broadband telecommunication	<i>Applied Physics Letters</i>	2000	77	6	818	820
68	Tanabe, S., Kang, J., Hanada, T., Soga, N.	Yellow/blue luminescences of Dy ³⁺ -doped borate glasses and their anomalous temperature variations	<i>J. Non-Crystalline Solids</i>	1998	239		170	175
65	Tanabe, S., Fujita, S., Yoshihara, S., Sakamoto, A., Yamamoto, S.	YAG glass-ceramic phosphor for white LED (II): Luminescence characteristics	<i>Proceedings of SPIE</i>	2005	5941	594112	1	6
63	Hayashi, H., Tanabe, S., Hanada, T.	1.4 μm band emission properties of Tm ³⁺ ions in transparent glass ceramics containing PbF ₂ nanocrystals for S-band amplifier	<i>J. Applied Physics</i>	2001	89	2	1041	1045
61	Zhou, S., Jiang, N., Miura, K., Tanabe, S., Shimizu, M., Sakakura, M., Shimotsuma.	Simultaneous tailoring of phase evolution and dopant distribution in the glassy phase for controllable luminescence	<i>J. Am. Chem. Soc.</i>	2010	132	50	17945	17952
59	Kishi, Y., Tanabe, S., Tochino, S., Pezzotti, G.	Fabrication and efficient infrared-to-visible upconversion in transparent glass ceramics of Er-Yb Co-doped CaF ₂ nano-crystals	<i>J. Am. Ceram Soc.</i>	2005	88	12	3423	3426
58	Ueda, J., Tanabe, S., Nakanishi, T.	Analysis of Ce ³⁺ luminescence quenching in solid solutions between Y ₃ Al ₅ O ₁₂ and Y ₃ Ga ₅ O ₁₂ by temperature dependence of photoconductivity measurement	<i>J. Applied Physics</i>	2011	110	5	53102	
53	Tanabe, S., Hanada, T.	Local structure and 1.5 μm quantum efficiency of erbium doped glasses for optical amplifiers	<i>J. Non-Crystalline Solids</i>	1996	196		101	105
50	Tanabe, S., Hirao, K., Soga, N.	Local structure of rare-earth ions in fluorophosphate glasses by phonon sideband and mössbauer spectroscopy	<i>J. Non-Crystalline Solids</i>	1992	142	C	148	154