

被引用数	著者名	タイトル	出版年	出版物名	巻号	論文番号	開始ページ	終了ページ	DOI
436	Tanabe, S., Ohyagi, T., Soga, N., Hanada, T.	Compositional dependence of Judd-Ofelt parameters of Er ³⁺ ions in alkali-metal borate glasses	1992	<i>Physical Review B</i>	46	6	3305	3310	10.1103/PhysRevB.46.3305
249	Tanabe, S.	Optical transitions of rare earth ions for amplifiers: How the local structure works in glass	1999	<i>Journal of Non-Crystalline Solids</i>	259		1	9	10.1016/S0022-3093(99)00490-1
246	Nishiura, S., Tanabe, S., Fujioka, K., Fujimoto, Y.	Properties of transparent Ce:YAG ceramic phosphors for white LED	2011	<i>Optical Materials</i>	33	5	688	691	10.1016/j.optmat.2010.06.005
243	Tanabe, S., Hayashi, H., Hanada, T.,	Fluorescence properties of Er ³⁺ ions in glass ceramics containing LaF ₃ nanocrystals	2002	<i>Optical Materials</i>	19	3	343	349	10.1016/S0925-3467(01)00236-1
235	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	2000	<i>Journal of Luminescence</i>	87		670	672	10.1016/S0022-2313(99)00352-X
182	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	1993	<i>Journal of Applied Physics</i>	73	12	8451	8454	10.1063/1.353417
177	Tanabe, S., Yoshii, S., Hirao, K., Soga, N.	Upconversion properties, multiphonon relaxation, and local environment of rare-earth ions in fluorophosphate glasses	1992	<i>Physical Review B</i>	45	9	4620	4625	10.1103/PhysRevB.45.4620
162	Tanabe, S., Hirao, K., Soga, N.	Upconversion fluorescences of TeO ₂ - and Ga ₂ O ₃ -based oxide glasses containing Er ³⁺	1990	<i>Journal of Non-Crystalline Solids</i>	122	1	79	82	10.1016/0022-3093(90)90228-E
149	Fujita, S., Sakamoto, A., Tanabe, S.	Luminescence characteristics of YAG glass-ceramic phosphor for white LED	2008	<i>IEEE J. Select. Top. Quant. Electron.</i>	14	5	1387	1391	10.1109/JSTQE.2008.920285
144	Feng, X., Tanabe, S., Hanada, T.	Hydroxyl groups in erbium-doped germanotellurite glasses	2001	<i>Journal of Non-Crystalline Solids</i>	281		48	54	10.1016/S0022-3093(00)00429-4
139	Feng, X., Tanabe, S., Hanada, T.	Spectroscopic Properties and Thermal Stability of Er ³⁺ -Doped Germanotellurite Glasses for Broadband Fiber Amplifiers	2001	<i>Journal of the American Ceramic Society</i>	84	1	165	171	10.1111/j.1151-2916.2001.tb00625.x
129	Ueda, J., Tanabe, S.	Visible to near infrared conversion in Ce ³⁺ - Yb ³⁺ Co-doped YAG ceramics	2009	<i>Journal of Applied Physics</i>	106	4	43101		10.1063/1.3194310
124	Tanabe, S.	Rare-earth-doped glasses for fiber amplifiers in broadband telecommunication	2002	<i>Comptes Rendus Chimie</i>	5	12	815	824	10.1016/S1631-0748(02)01449-2
123	Takasaki, H., Tanabe, S., Kanada, T.	Long-lasting afterglow characteristics of Eu, Dy codoped SrO-Al ₂ O ₃ phosphor	1996	<i>J. Ceramic Society of Japan</i>	104	4	322	326	

101	Fujita, S., Yoshihara, S., Sakamoto, A., Yamamoto, S., Tanabe, S.	YAG glass-ceramic phosphor for white LED (I): Background and development	2005	<i>Proceedings of SPIE</i>	5941	594111	1 7	10.1117/12.614668
101	Tanabe, S., Todoroki, S., Hirao, K., Soga, N.	Phonon sideband of Eu ³⁺ in sodium borate glasses	1990	<i>Journal of Non-Crystalline Solids</i>	122	1	59 65	10.1016/0022-3093(90)90225-B
95	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	2011	<i>Journal of Applied Physics</i>	110	5	53102	10.1063/1.3632069
89	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	1993	<i>Physical Review B</i>	48	14	10591 10594	10.1103/PhysRevB.48.10591
81	Zhou, S., Jiang, N., Miura, K., Tanabe, S., Shimizu, M., Sakakura, M.	Simultaneous tailoring of phase evolution and dopant distribution in the glassy phase for controllable luminescence	2010	<i>Journal of the American Chemical Society</i>	132	50	17945 17952	10.1021/ja108512g
81	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	1995	<i>Journal of the American Ceramic Society</i>	78	11	2917 2922	10.1111/j.1151-2916.1995.tb09064.x
80	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	1993	<i>Physical Review B</i>	47	5	2507 2514	10.1103/PhysRevB.47.2507
78	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	1995	<i>Journal of Luminescence</i>	65	5	247 255	10.1016/0022-2313(95)00071-2
77	Tanabe, S., Feng, X.	Temperature variation of near-infrared emission from Cr ⁴⁺ in aluminate glass for broadband telecommunication	2000	<i>Applied Physics Letters</i>	77	6	818 820	10.1063/1.1306644
76	Tanabe, S., Fujita, S., Yoshihara, S., Sakamoto, A.	YAG glass-ceramic phosphor for white LED (II): Luminescence characteristics	2005	<i>Proceedings of SPIE</i>	5941	594112	1 6	10.1117/12.614681
75	Tanabe, S., Kang, J., Hanada, T., Soga, N.	Yellow/blue luminescences of Dy ³⁺ -doped borate glasses and their anomalous temperature variations	1998	<i>Journal of Non-Crystalline Solids</i>	239		170 175	10.1016/S0022-3093(98)00734-0
69	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	2001	<i>Journal of Applied Physics</i>	89	2	1041 1045	10.1063/1.1335645

68	Ueda, J., Kuroishi, K., Tanabe, S.	Bright persistent ceramic phosphors of Ce ³⁺ -Cr ³⁺ -codoped garnet able to store by blue light	2014	<i>Applied Physics Letters</i>	104	10	101904		10.1063/1.4868138
68	Zhuang, Y., Katayama, Y., Ueda, J., Tanabe, S.	A brief review on red to near-infrared persistent luminescence in transition-metal-activated phosphors	2014	<i>Optical Materials</i>	36	11	1907 1912		10.1016/j.optmat.2014.05.035
67	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	2005	<i>Journal of the American Ceramic Society</i>	88	12	3423 3426		10.1111/j.1551-2916.2005.00614.x
63	Ueda, J., Dorenbos, P., Bos, A.J.J., Meijerink, A., Tanabe, S.	Insight into the Thermal Quenching Mechanism for Y ₃ Al ₅ O ₁₂ : Ce ³⁺ through Thermoluminescence Excitation Spectroscopy	2015	<i>Journal of Physical Chemistry C</i>	119	44	25003 25008		10.1021/acs.jpcc.5b08828
62	Zhuang, Y., Ueda, J., Tanabe, S.	Tunable trap depth in Zn(Ga _{1-x} Al _x) ₂ O ₄ : Cr,Bi red persistent phosphors: Considerations of high-temperature persistent luminescence and photostimulated persistent luminescence	2013	<i>Journal of Materials Chemistry C</i>	1	47	7849 7855		10.1039/c3tc31462f
59	Zhuang, Y., Ueda, J., Tanabe, S.	Enhancement of red persistent luminescence in Cr ³⁺ -doped ZnGa ₂ O ₄ phosphors by Bi ₂ O ₃ codoping	2013	<i>Applied Physics Express</i>	6	5	52602		10.7567/APEX.6.052602
59	Tanabe, S., Hanada, T.	Local structure and 1.5 μm quantum efficiency of erbium doped glasses for optical amplifiers	1996	<i>Journal of Non-Crystalline Solids</i>	196		101 105		10.1016/0022-3093(95)00557-9
56	Fujita, S., Umayahara, Y., Tanabe, S.	Influence of light scattering on luminous efficacy in Ce: YAG glass-ceramic phosphor	2010	<i>J. Ceramic Society of Japan</i>	118		128 131		10.2109/jcersj.2.118.128
53	Tanabe, S., Takahara, K., Takahashi, M., Kawamoto, Y.	Spectroscopic studies of radiative transitions and upconversion characteristics of Er ³⁺ ions in simple pseudoternary fluoride glasses MF _n -BaF ₂ -YF ₃ (M: Zr, Hf, Al, Sc, Ga, In, or Zn)	1995	<i>Journal of the Optical Society of America B</i>	12	5	786 793		10.1364/JOSAB.12.000786
53	Tanabe, S., Hirao, K., Soga, N.	Local structure of rare-earth ions in fluorophosphate glasses by phonon sideband and Mössbauer spectroscopy	1992	<i>Journal of Non-Crystalline Solids</i>	142		148 154		10.1016/S0022-3093(05)80017-1
51	Todoroki, S., Tanabe, S., Hirao, K., Soga, N.	Phonon sideband spectra and local structure around Eu ³⁺ ions in sodium silicate glasses	1991	<i>Journal of Non-Crystalline Solids</i>	136	3	213 218		10.1016/0022-3093(91)90492-0
51	Tanabe, S., Hirao, K., Soga, N.	Mössbauer spectroscopy of ¹⁵¹ Eu in oxide crystals and glasses	1989	<i>Journal of Non-Crystalline Solids</i>	113		178 184		10.1016/0022-3093(89)90009-4
48	Feng, X., Tanabe, S., Hanada, T.	Spectroscopic properties of erbium-doped ultraphosphate glasses for 1.5 μm amplification	2001	<i>Journal of Applied Physics</i>	89	7	3560 3567		10.1063/1.1352687