

被引 用数	著者名	タイトル	出版物名	巻 号	出版年	論文 番号	開始 ページ	終了 ページ	DOI
1 482	Tanabe S., Ohyagi T., Soga N., Hanada T.	Compositional dependence of Judd-Ofelt parameters of Er <sup>3+</sup> ions in alkali-metal borate glasses	<i>Physical Review B</i>	46	6 ( 1992 )		3305 - 3310		DOI: 10.1103/PhysRevB.46.3305
2 340	Nishiura S., Tanabe S., Fujioka K., Fujimoto Y.	Properties of transparent Ce:YAG ceramic phosphors for white LED	<i>Optical Materials</i>	33	5 ( 2011 )		688 - 691		DOI: 10.1016/j.optmat.2010.06.005
3 267	Tanabe S.	Optical transitions of rare earth ions for amplifiers: How the local structure works in glass	<i>J. Non-Crystalline Solids</i>	259	( 1999 )		1 - 9		DOI: 10.1016/S0022-3093(99)00490-1
4 264	Tanabe S., Hayashi H., Hanada T., Onodera N.	Fluorescence properties of Er <sup>3+</sup> ions in glass ceramics containing LaF <sub>3</sub> nanocrystals	<i>Optical Materials</i>	19	3 ( 2002 )		343 - 349		DOI: 10.1016/S0925-3467(01)00236-1
5 251	Tanabe S., Sugimoto N., Ito S., Hanada T.	Broad-band 1.5 μm emission of Er <sup>3+</sup> ions in bismuth-based oxide glasses for potential WDM amplifier	<i>Journal of Luminescence</i>	87	( 2000 )		670 - 672		DOI: 10.1016/S0022-2313(99)00352-X
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7 191	Tanabe S., Ohyagi T., Todoroki S., Hanada T., Soga N.	Relation between the Ω <sub>6</sub> intensity parameter of Er <sup>3+</sup> ions and the <sup>151</sup> Eu isomer shift in oxide glasses	<i>J. Applied Physics</i>	73	12 ( 1993 )		8451 - 8454		DOI: 10.1063/1.353417
8 175	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>	14	5 ( 2008 )		1387 - 1391		DOI: 10.1109/JSTQE.2008.920285
9 170	Tanabe S., Hirao K., Soga N.	Upconversion fluorescences of TeO <sub>2</sub> - and Ga <sub>2</sub> O <sub>3</sub> -based oxide glasses containing Er <sup>3+</sup>	<i>J. Non-Crystalline Solids</i>	122	1 ( 1990 )		79 - 82		DOI: 10.1016/0022-3093(90)90228-E
10 161	Ueda J., Tanabe S.	Visible to near infrared conversion in Ce <sup>3+</sup> - Yb <sup>3+</sup> Co-doped YAG ceramics	<i>J. Applied Physics</i>	106	4 ( 2009 )	43101	( 5p )		DOI: 10.1063/1.3194310
11 160	Tanabe S.	Rare-earth-doped glasses for fiber amplifiers in broadband telecommunication	<i>Comptes Rendus Chimie</i>	5	12 ( 2002 )		815 - 824		DOI: 10.1016/S1631-0748(02)01449-2
12 153	Feng X., Tanabe S., Hanada T.	Hydroxyl groups in erbium-doped germanotellurite glasses	<i>J. Non-Crystalline Solids</i>	281	( 2001 )		48 - 54		DOI: 10.1016/S0022-3093(00)00429-4
13 148	Feng X., Tanabe S., Hanada T.	Spectroscopic Properties and Thermal Stability of Er <sup>3+</sup> -Doped Germanotellurite Glasses for Broadband Fiber Amplifiers	<i>J. American Ceramic Society</i>	84	1 ( 2001 )		165 - 171		DOI: 10.1111/j.1151-2916.2001.tb00625.x
14 144	Takasaki H., Tanabe S., Kanada T.	Long-lasting afterglow characteristics of Eu, Dy codoped SrO-Al <sub>2</sub> O <sub>3</sub> phosphor	<i>J. Ceramic Society of Japan</i>	104	4 ( 1996 )		322 - 326		DOI: 10.2109/jcersj.104.322
15 137	Ueda J., Tanabe S., Nakanishi T.	Analysis of Ce <sup>3+</sup> luminescence quenching in solid solutions between Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> and Y <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> by temperature dependence of photoconductivity measurement	<i>J. Applied Physics</i>	110	5 ( 2011 )	53102	( 6p )		DOI: 10.1063/1.3632069
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18 113	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. American Chemical Society</i>	132	50 ( 2010 )		17945 - 17952		DOI: 10.1021/ja108512g
19 110	Tanabe S., Todoroki S., Hirao K., Soga N.	Phonon sideband of Eu <sup>3+</sup> in sodium borate glasses	<i>J. Non-Crystalline Solids</i>	122	1 ( 1990 )		59 - 65		DOI: 10.1016/0022-3093(90)90225-B
20 98	Zhuang Y., Katayama Y., Ueda J., Tanabe S.	A brief review on red to near-infrared persistent luminescence in transition-metal-activated phosphors	<i>Optical Materials</i>	36	11 ( 2014 )		1907 - 1912		DOI: 10.1016/j.optmat.2014.05.035
21 96	Ueda J., Kuroishi K., Tanabe S.	Bright persistent ceramic phosphors of Ce <sup>3+</sup> -Cr <sup>3+</sup> -codoped garnet able to store by blue light	<i>Applied Physics Letters</i>	104	10 ( 2014 )	101904	( 4p )		DOI: 10.1063/1.4868138
22 96	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>	5941	( 2005 )	594112	( 6p )		DOI: 10.1117/12.614681
23 96	Tanabe S., Hanada T., Ohyagi T., Soga N.	Correlation between Eu <sup>151</sup> Mössbauer isomer shift and Judd-Ofelt Ω <sub>6</sub> parameters of Nd <sup>3+</sup> ions in phosphate and silicate laser glasses	<i>Physical Review B</i>	48	14 ( 1993 )		10591 - 10594		DOI: 10.1103/PhysRevB.48.10591
24 93	Ueda J., Dorenbos P., Bos A.J.J., Kuroishi K., Tanabe S.	Control of electron transfer between Ce <sup>3+</sup> and Cr <sup>3+</sup> in the Y <sub>3</sub> Al <sub>5-x</sub> GaxO <sub>12</sub> host via conduction band engineering	<i>J. Materials Chemistry C</i>	3	22 ( 2015 )		5642 - 5651		DOI: 10.1039/c5tc00546a
25 92	Zhuang Y., Ueda J., Tanabe S.	Enhancement of red persistent luminescence in Cr <sup>3+</sup> -doped ZnGa <sub>2</sub> O <sub>4</sub> phosphors by Bi <sub>2</sub> O <sub>3</sub> codoping	<i>Applied Physics Express</i>	6	5 ( 2013 )	52602	( 4p )		DOI: 10.7567/APEX.6.052602
26 89	Zhuang Y., Ueda J., Tanabe S.	Tunable trap depth in Zn(Ga <sub>1-x</sub> Al <sub>x</sub> ) <sub>2</sub> O <sub>4</sub> :Cr,Bi red persistent phosphors: Considerations of high-temperature persistent luminescence and photostimulated persistent luminescence	<i>J. Materials Chemistry C</i>	1	47 ( 2013 )		7849 - 7855		DOI: 10.1039/c3tc31462f
27 83	Tanabe S., Kang J., Hanada T., Soga N.	Yellow/blue luminescences of Dy <sup>3+</sup> -doped borate glasses and their anomalous temperature variations	<i>J. Non-Crystalline Solids</i>	239	1 ( 1998 )		170 - 175		DOI: 10.1016/S0022-3093(98)00734-0

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31	79	Tanabe S., Feng X.	Temperature variation of near-infrared emission from Cr <sup>4+</sup> in aluminate glass for broadband telecommunication	<i>Applied Physics Letters</i>	77	6 ( 2000 )	818 - 820	DOI: 10.1063/1.1306644
32	76	Hayashi H., Tanabe S., Hanada T.	1.4 μm band emission properties of Tm <sup>3+</sup> ions in transparent glass ceramics containing PbF <sub>2</sub> nanocrystals for S-band amplifier	<i>Journal of Applied Physics</i>	89	2 ( 2001 )	1041 - 1045	DOI: 10.1063/1.1335645
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34	73	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 <sub>2</sub> nano-crystals	<i>J. American Ceramic Society</i>	88	12 ( 2005 )	3423 - 3426	DOI: 10.1111/j.1551-2916.2005.00614.x
35	61	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>	196	( 1996 )	101 - 105	DOI: 10.1016/0022-3093(95)00557-9
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37	60	Ueda J., Aishima K., Tanabe S.	Temperature and compositional dependence of optical and optoelectronic properties in Ce <sup>3+</sup> -doped Y <sub>3</sub> Sc <sub>2</sub> Al <sub>1</sub> 3-xGa <sub>x</sub> O <sub>12</sub> (x = 0, 1, 2, 3)	<i>Optical Materials</i>	35	11 ( 2013 )	1952 - 1957	DOI: 10.1016/j.optmat.2012.11.016
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41	53	Todoroki S., Tanabe S., Hirao K., Soga N.	Phonon sideband spectra and local structure around Eu <sup>3+</sup> ions in sodium silicate glasses	<i>J. Non-Crystalline Solids</i>	136	3 ( 1991 )	213 - 218	DOI: 10.1016/0022-3093(91)90492-0
42	52	Nakanishi T., Tanabe S.	Novel Eu <sup>2+</sup> -activated glass ceramics precipitated with green and red phosphors for high-power white LED	<i>IEEE J. Selected Topics in Quantum Electronics</i>	15	4 ( 2009 )	1171 - 1176	DOI: 10.1109/JSTQE.2009.2014396
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45	51	Lin H., Tanabe S., Lin L., Hou Y.Y., Liu K., Yang D.L., Ma T.C., Yu J.Y., Pun E.Y.B.	Near-infrared emissions with widely different widths in two kinds of Er <sup>3+</sup> -doped oxide glasses with high refractive indices and low phonon energies	<i>Journal of Luminescence</i>	124	1 ( 2007 )	167 - 172	DOI: 10.1016/j.jlumin.2006.02.019
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48	47	Katayama Y., Kobayashi H., Tanabe S.	Deep-red persistent luminescence in Cr <sup>3+</sup> -doped LaAlO <sub>3</sub> perovskite phosphor for in vivo imaging	<i>Applied Physics Express</i>	8	1 ( 2015 )	12102 ( 3p )	DOI: 10.7567/APEX.8.012102
49	47	Tanabe S., Suzuki K., Soga S., Hanada T.	Selective sensitization of 480-nm blue upconversion by Tm <sup>3+</sup> -Er <sup>3+</sup> energy transfer in tellurite glass	<i>J. Optical Society of America B</i>	11	5 ( 1994 )	933 - 942	DOI: 10.1364/JOSAB.11.000933
50	46	Xu J., Ueda J., Kuroishi K., Tanabe S.	Fabrication of Ce <sup>3+</sup> -Cr <sup>3+</sup> co-doped yttrium aluminium gallium garnet transparent ceramic phosphors with super long persistent luminescence	<i>Scripta Materialia</i>	102	( 2015 )	47 - 50	DOI: 10.1016/j.scriptamat.2015.01.029
51	46	Tanabe S., Feng X., Hanada T.	Improved emission of Tm <sup>3+</sup> -doped glass for a 1.4-μm amplifier by radiative energy transfer between Tm <sup>3+</sup> and Nd <sup>3+</sup>	<i>Optics Letters</i>	25	11 ( 2000 )	817 - 819	DOI: 10.1364/OL.25.000817