

Jakrapong Kaewkhao
International Publication (ISI journal) with Impact Factor

1. **Kaewkhao J.**, Laopaiboon J. and Chewpraditkul W., 2008, **“Determination of Effective Atomic Numbers and Effective Electron Densities for Cu/Zn Alloy”** Journal of Quantitative Spectroscopy and Radiative Transfer, 109(7), pp.1260-1265. **[IF = 3.047]**
2. **Kaewkhao, J.**, Udomkan, N., Chewpraditkul, W. and Limsuwan, P., 2009, **“Effect of excess bismuth on the synthesis of bismuth silicate (Bi₄Si₃O₁₂) Polycrystals”**, International Journal of Modern Physics B (IJMPB), Vol. 23(8), pp. 2093-2099. **[IF = 0.863]**
3. Kirdsiri, K., **Kaewkhao, J.**, Pokaipisit, A., Chewpraditkul, W. and Limsuwan P., 2009, **“Gamma-rays shielding properties of xPbO:(100-x)B₂O₃ glasses system at 662 keV”**, Annals of Nuclear Energy, Vol. 36 (9), pp. 1360-1365. **[IF = 1.378]**
4. **Kaewkhao, J.**, Pokaipisit, A. and Limsuwan, P., 2010, **“Study on borate glass system containing with Bi₂O₃ and BaO for gamma-rays shielding materials: comparison with PbO”**, Journal of Nuclear Materials, Vol. 399 (1), pp. 38-40. **[IF = 2.485]**
5. Chimalawong, P., **Kaewkhao, J.**, Kedkaew, C. and Limsuwan, P., 2010, **“Optical and electronic polarizability investigation of Nd³⁺ doped soda-lime-silicate glasses”**, Journal of Physics and Chemistry of Solids, Vol. 71(7), pp. 965-970. **[IF = 3.442]**
6. Limkitjaroenporn, P., **Kaewkhao, J.**, Limsuwan, P. and Chewpraditkul, W, 2010, **“Nonproportionality of electron respond using CCT: plastic scintillator”**, Applied Radiation and Isotope, Vol. 68, pp. 1780-1784. **[IF = 1.270]**
7. **Kaewkhao, J.**, and Limsuwan, P., 2010, **“Mass attenuation coefficients and effective atomic numbers in phosphate glass containing Bi₂O₃, PbO and BaO at 662 keV”**, Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, Vol. 619, pp. 295-297. **[IF = 1.265]**
8. Limkitjaroenporn, P., **Kaewkhao, J.**, Limsuwan, P. and Chewpraditkul, W, 2011, **“Physical, optical, structural and gamma-ray shielding properties of lead sodium borate glasses”**, Journal of Physics and Chemistry of Solids, Vol. 72(4), pp. 245-251. **[IF = 3.442]**
9. Park, J.M., Kim, H.J., Kim, S., Cheon, J.K., **Kaewkhao, J.**, Limsuwan, P. and Insiripong., S., 2011, **“X-ray and proton luminescence of bismuth-borate glasses”**, Journal of Korean Physical Society, Vol. 59(2), pp. 657-660. **[IF = 0.535]**
10. **Kaewkhao, J.**, Kirdsiri, K., Limkitjaroenporn, P., Limsuwan, P., Park, J.M. and Kim, H.J., 2011, **“Interaction of 662 keV gamma-rays on bismuth based glass matrices”**, Journal of Korean Physical Society, Vol. 59(2), pp. 661-665. **[IF = 0.535]**

11. Kirdsiri, K., Kaewkhao, J., Chanthima, N. and Limsuwan P., 2011, "Comparative Study of Silicate Glass of Bi₂O₃, PbO and BaO Containing: Radiation Shielding and Optical Properties" Annals of Nuclear Energy, 38, pp. 1438-1441. [IF = 1.378]
12. Chanthima, N., Kaewkhao, J. and Limsuwan, P., 2012, "Study of photon interactions and shielding properties of silicate glasses containing Bi₂O₃, BaO and PbO in the energy region of 1 keV to 100 GeV", Annals of Nuclear Energy, Vol. 41, pp. 119-124. [IF = 1.378]
13. Tuscharoen, S., Kaewkhao, J., Limkitjaroenporn, P., Chewpraditkul, W. and Limsuwan, P., 2012, "Improvement of BaO:B₂O₃:fly ash glasses: Radiation shielding, physical and optical properties", Annals of Nuclear Energy, Vol. 49, pp. 109-113. [IF = 1.378]
14. Park, J.M., Kim, H.J., Limsuwan, P. and Kaewkhao, J., 2012, "Luminescence property of rare-earth-doped bismuth-borate glasses with different concentrations of bismuth and rare-earth material", Journal of Korean Physical Society, Vol. 61(2), pp. 248-253. [IF = 0.535]
15. Kaewwiset, W., Thamaphat, K., Kaewkhao, J. and Limsuwan, P., 2013, "ESR and spectral studies of Er³⁺ ions in soda-lime silicate glass", Physica B, Vol. 409(15), pp. 24 - 29. [IF = 1.902]
16. Limkitjaroenporn, P., Kaewkhao, J. and Asavavisithchai, S., 2013, "Determination of mass attenuation coefficients and effective atomic numbers for Inconel 738 alloy for different energies obtained from Compton scattering", Annals of Nuclear Energy, Vol. 53, pp.64-68. [IF = 1.378]
17. Chanthima, N. and Kaewkhao, J., 2013, "Investigation on Radiation Shielding Parameters of Bismuth Borosilicate Glass from 1 keV to 100 GeV" Annals of Nuclear Energy, 55, pp.23-28. [IF = 1.378]
18. Yasaka, P., Pattanaboonmee, N., Kim, H.J., Limkitjaroenporn, P. and Kaewkhao, J., 2014, "Gamma radiation shielding and optical properties measurements of zinc bismuth borate glasses", Annals of Nuclear energy, Vol. 68, pp. 4-9. [IF = 1.378]
19. Singh, V.P., Badiger, N.M., Chanthima, N. and Kaewkhao, J., 2014, "Evaluation of gamma-ray exposure buildup factors and neutron shielding for bismuth borosilicate glasses", Radiation Physics and Chemistry, Vol. 98, pp. 14-21. [IF = 2.226]
20. Ruamnikhom, R., Limsuwan, P., Horprathum, M., Chanthima, N., Kim, H.J., Ruengsri, S., and Kaewkhao, J., 2014, "Up and down-conversion luminescence properties of Nd³⁺ ions doped in Bi₂O₃-BaO-B₂O₃ glass system", Advances in Materials Science and Engineering, pp. 1-5. (ID 751953) [IF = 1.271]
21. Limkitjaroenporn, P. and Kaewkhao, J., 2014, "Gamma-rays attenuation of zircons from cambodia and south africa at different energies: A new technique for identifying the origin of gemstone", Radiation Physics and Chemistry, 103, pp.67-71. [IF = 2.226]

22. Singh, V.P., Badiger, N.M., and Kaewkhao, J., 2014, "Radiation Shielding Competence of Silicate and Borate Heavy Metal Oxide Glasses: Comparative Study", Journal of Non-Crystalline Solids, 404, pp. 167-173. [IF = 2.929]
23. Kaewjang, S., Maghanemi, U., Kothan, S., Kim, H.J., Limkitjaroenporn, P., and Kaewkhao, J., 2014, "New Gadolinium Based Glasses for Gamma-Rays Shielding Materials", Nuclear Engineering and Design, 280, pp. 21-26. [IF = 1.620]
24. Ruengsri, S., Insiripong, S., Sangwaranatee, N. and Kaewkhao, J., 2015, "Development of barium borosilicate glasses for radiation shielding materials using rice husk ash as a silica source", Progress in Nuclear Energy, 83, pp. 99-104. [IF = 1.508]
25. Kaewkhao, J., Boonin, K., Yasaka, P. and Kim, H.J., 2015, "Optical and luminescence characteristics of Eu³⁺ doped zinc bismuth borate (ZBB) glasses for red emitting device", Materials Research Bulletin, 71, pp. 37-41. [IF = 4.019]
26. Oros, C., Horprathum, M., Wisitsoraat, A., Srichaiyaperk, T., Samransuksamer, B., Limwichean, S., Eaimchai, P., Phokharatkul, D., Nuntawong, N., Chananonnawathorn, C., Patthanasettakul, V., Klamchuen, A., Kaewkhao, J., Tuantranont, A. and Chindaudom, P., 2016, "Ultra-sensitive NO₂ Sensor based on Vertically Aligned SnO₂ Nanorods Deposited by DC Reactive Magnetron Sputtering with Glancing Angle Deposition Technique", Sensor & Actuator: B Chemical, 223, pp. 936-945 [IF = 7.100]
27. Zaman, F., Kaewkhao, J., Srisittipokakun, N., Wantana, N., Kim, H.J. and Rooh, G., 2016, "Investigation of luminescence and laser transition of Dy³⁺ in Li₂O-Gd₂O₃-Bi₂O₃-B₂O₃ glasses", Optical Materials, 55, pp. 136-144. [IF = 2.779]
28. Zaman, F., Kaewkhao, J., Rooh, G., Srisittipokakun, Kim, H.J., 2016, "Optical and luminescence properties of Li₂O-Gd₂O₃-MO-B₂O₃-Sm₂O₃ (MO=Bi₂O₃, BaO) glasses", Journal of Alloys and Compounds, 676, pp. 275-285. [IF = 4.650]
29. Kaewnuam, E., Kim, H.J., Jayasankar, C.K., Chanthima, N. and Kaewkhao, J., 2016, "The Photoluminescence, optical and physical properties of Sm³⁺-doped lithium yttrium borate glasses", Physics and Chemistry of Glasses: European Journal of Glass Science and Technology Part B, 57(2), pp.85-89. [IF = 0.846]
30. Lee, J.Y., Alenkov, V., Ali, L., Beyer, J., Bibi, R., Boiko, R.S., Boonin, K., Buzanov, O., Chanthima, N., Cheoun, M.K., Chernyak, D.M., Choi, J., Choi, S., Danevich, F.A., Djamal, M., Drung, D., Enss, C., Fleischmann, A., Gangapshev, A., Gastaldo, L., Gavriljuk, Y., Gezhaev, A., Gurentsov, V., Hahn, I.S., Jeon, E.J., Jo, H.S., Joo, H., Kaewkhao, J., Kang, C.S., Kang, S.J., Kang, W.G., Karki, S., Kazalov, V., Khan, S., Khanbekov, N., Kim, G.B., Kim, H.J., Kim, H.L., Kim, H.O., Kim, I., Kim, J.H., Kim, K., Kim, S.K., Kim, S.R., Kim, S.Y., Kim, Y.D., Kim, Y.H., Kirdsiri, K., Ko, Y.J., Kobychiev, V.V., Kornoukhov, V. Kuzminov, V., Lee,

H.J., Lee, H.S., Lee, J.H., Lee, J.M., Lee, K.B., Lee, M.H., Lee, M.K., Leonard, D.S., Li, J., Li, J., Li, Y.J., Limkitjaroenporn, P., Ma, K.J., Mineev, O., Mokina, V.M., Olsen, S. Panasenko, S., Pandey, I., Park, H.K., Park, H.S., Park, K.S., Poda, D.V., Polischuk, O.G., Polozov, P., Prihtiadi, H., Ratkevich, S., Ra, S.J., Rooh, G., So, G.H., Srisittipokakun, N., Tekueva, J., Tretyak, V.I., Veresnikova, A., Wirawan, R., Yakimenko, S., Yershov, N., Yoon, W.S., Yoon, Y.S., and Yue, Q., 2016 "A Study of Radioactive Contamination of $^{40}\text{Ca}^{100}\text{MoO}_4$ Crystals for the AMoRE Experiment", IEEE Transaction on Nuclear Science, 63 (2), 543-547. [IF = 1.575]

31. Kesavulu, C.R., Kim, H.J., Lee, S.W., Kaewkhao, J., Wantana, N., Kothan, S. and Kaewjaeng, S., 2016, "Influence of Er^{3+} ion concentration on optical and photoluminescence properties of Er^{3+} -doped gadolinium-calcium silica borate glasses", Journal of Alloys and Compounds, 683, pp. 590-598. [IF = 4.650]

32. Rajagukguk, J., Kaewkhao, J., Djamal, M., Hidayat, R., Suprijadi, Ruangtawee, Y., 2016 "Structural and optical characteristics of Eu^{3+} ions in sodium-lead-zinc-lithium-borate glass system", Journal of Molecular Structure, 1121, pp. 180-187. [IF = 2.463]

33. Kaewkhao, J., Wantana, N, Kaewjaeng, S., Kothan, S. and Kim, H.J., 2016, "Luminescence Characteristics of Dy^{3+} Doped $\text{Gd}_2\text{O}_3\text{-CaO-SiO}_2\text{-B}_2\text{O}_3$ Scintillating Glasses" Journal of Rare Earth, 34 (6), pp. 583-589. [IF = 3.104]

34. Park, J.M., Ha, D.H., Kaewjeang, S, Maghanem, U., Kothan, S., Kaewkhao, J. and Kim, H.J., 2016, "Luminescence Properties of Ce^{3+} doped Gadolinium-Calcium-Silicaborate Glass Scintillator", Radiation Measurement, 90, 166-169. [IF = 1.512]

35. Chaiphaksa, W., Limkitjaroenporn, P., Kim, H.J. and Kaewkhao, J., 2016, "The mass attenuation coefficients, effective atomic numbers and effective electron densities for GAGG:Ce and CaMoO_4 scintillators", Progress in Nuclear Energy, 92, pp. 48-53. [IF = 1.508]

36. Kaewkhao, J., Limkitjaroenporn, P., Chaiphaksa, W., Kim, H.J., 2016, "Non-Proportionality Study of CaMoO_4 and GAGG:Ce Scintillation Crystals using Compton Coincidence Technique", Applied Radiation and Isotopes, 115, pp.221-226. [IF = 1.270]

37. Singh, V.P., Badiger, N.M., Kothan, S., Kaewjang, S, Korkut, T., Kim, H.J. and Kaewkhao, J., 2016, "Gamma-Ray and Neutron Shielding Efficiency of Pb-free Gadolinium Based Glasses" Nuclear Science and Techniques, 27, 103. [IF = 1.556]

38. Shamshad, L., Rooh, G., Kirdsiri, K., Srisittipokakun, N., Kim, H.J., Kaewkhao, J., 2016, "Development of $\text{Li}_2\text{O-SrO-GdF}_3\text{-B}_2\text{O}_3$ oxyfluoride glass for white light LED application", Journal of Molecular Structure, 1125, pp. 601-608. [IF = 2.463]

39. Zaman, F., Rooh, G., Srisittipokakun, N., Ruengsri, S., Kim, H.J., and Kaewkhao, J., 2016, "Luminescence behavior of Nd³⁺-activated soda-lime-borate glasses for solid-state lasers applications", Journal of Non-Crystalline Solids, 452, pp. 307-311. [IF = 2.929]
40. Kirdsiri, K., Kaewkhao, J., Park, J.M. and Ha, D.H., 2016, " Scintillation and Luminescence Properties of Sm³⁺-Activated Lu₂O₃- CaO-SiO₂- B₂O₃ (LuCSB) Scintillating Glasses", Journal of Korean Physical Society, 69 (6), 1094-1097. [IF = 0.535]
41. Park, J.M., Ha D.H., Lee, S.W., Chanthima, N., Ruangtaweep, Y. and Kaewkhao, J., 2016, "Luminescence Properties of Dy³⁺ doped Lanthanum-Calcium-Silicoborate Glass Scintillator", Journal of Korean Physical Society 69 (6), 1105-1109. [IF = 0.535]
42. Zaman, F., Rooh, G., Srisittipokakun, N., Kim, H.J., Kaewnuam, E., Meejitpaisan, P., and Kaewkhao, J., 2017 "Scintillation and luminescence characteristics of Ce³⁺ doped in Li₂O-Gd₂O₃-BaO-B₂O₃ scintillating glasses", Radiation Physics and Chemistry, 130, pp. 158-163. [IF = 2.226]
43. Wantana, N., Kaewjaeng, S., Kothan, S., Kim, H.J. and Kaewkhao, J., 2017, "Energy transfer from Gd³⁺ to Sm³⁺ and luminescence characteristics of CaO-Gd₂O₃-SiO₂-B₂O₃ scintillating glasses", Journal of Luminescence, 181, pp. 382-386. [IF = 3.280]
44. Kesavulu, C.R., Kim, H.J., Lee, S.W., Kaewkhao, J., Wantana, N., Kaewnuam, E., Kothan, S. and Kaewjaeng, S., 2017, "Spectroscopic investigations of Nd³⁺ doped gadolinium calcium silica borate glasses for the NIR emission at 1059 nm", Journal of Alloys and Compounds, 695, pp. 590-598. [IF = 4.650]
45. Shamshad, L., Rooh, G., Kirdsiri, K., Srisittipokakun, N., Damdee, B., Kim, H.J., and Kaewkhao, J., 2017, "Photoluminescence and white light generation behavior of lithium gadolinium silicoborate glasses", Journal of Alloys and Compounds, 695, pp. 2347-2355. [IF = 4.650]
46. Shamshad, L., Rooh, G., Kirdsiri, K., Srisittipokakun, N., Damdee, B., Kim, H.J., and Kaewkhao, J., 2017, "Effect of alkaline earth oxides on the physical and spectroscopic properties of Dy³⁺- doped Li₂O-B₂O₃ glasses for white emitting material application", Optical Materials, 64, 268-275. [IF = 2.779]
47. Shamshad, L., Rooh, G., Limkitjaroenporn, P., Srisittipokakul, N., Chaiphaksa, W., Kim, H.J. and Kaewkhao, J., 2017, "A comparative study of gadolinium based oxide and oxyfluoride glasses as low energy radiation shielding materials", Progress in Nuclear Energy, 97, pp. 53-59. [IF = 1.508]

48. Kesavulu, C.R., Kim, H.J., Lee, S.W., Kaewkhao, J., Wantana, N. and Kaewnuam, E., 2017, "Luminescence properties and energy transfer from Gd^{3+} to Tb^{3+} ions in gadolinium calcium silicoborate glasses for green laser application", Journal of Alloys and Compounds, 704, pp. 557-564. [IF = 4.650]
49. Luewarasirikul, N., Kim, H.J., Meejitpaisan, P. and Kaewkhao, J., 2017, "White light emission of dysprosium doped lanthanum calcium phosphate oxide and oxyfluoride glasses", Optical Materials, 66, pp. 559-566. [IF = 2.779]
50. Chanthima, N., Kaewkhao, J., Tariwong, Y. and Sangwananatee, N., 2017, "Effect of Nd^{3+} ions on the properties of calcium and strontium barium phosphate glasses", Integrated Ferroelectric, 177, pp. 30-38. [IF = 0.530]
51. Ruengsri, S., Insiripong, S., Sangwananatee N., Kim H.J., Wantana N., Angnanon A., and Kaewkhao, J., 2017, " Development of Dy^{3+} -doped $Gd_2MoB_2O_9$ phosphor and their luminescence behavior", Integrated Ferroelectric, 177, pp. 39-47. [IF = 0.530]
52. Ruengsri, S., Kaewkhao, J., Limkitjaroenporn, P., Meejitpaisan, P., Hongtong W. and Chewasukhanont W., 2017, " Development of gadolinium calcium phosphate oxyfluoride glass for radiation shielding materials", Integrated Ferroelectric, 177, pp. 48-58. [IF = 0.530]
53. Kaewnuam, E., Kim, H.J. and Kaewkhao, J., 2017, "Development of lithium yttrium borate glass doped with Dy^{3+} for laser medium, W-LEDs and scintillation materials applications", Journal of Non-Crystalline Solids, 464, pp 96-103. [IF = 2.929]
54. Meejitpaisan, P., Insiripong, S., Kedkaew, C., Kim, H.J. and Kaewkhao, J., 2017, "Radioluminescence and optical studies of gadolinium calcium phosphate oxyfluoride glasses doped with Sm^{3+} ", Radiation Physics and Chemistry, 137, pp. 62-67. [IF = 2.226]
55. Chanthima, N., Kaewkhao, J., Limkitjaroenporn, P., Tuscharoen, S., Kothan, S., Tungjai, M., Kaewjaeng, S. Sarachai, S., Limsuwan P., "Development of $BaO-ZnO-B_2O_3$ glasses as a radiation shielding material", Radiation Physics and Chemistry, 137, pp. 72-77. [IF = 2.226]
56. Manasa, P., Ramachari, D., Kaewkhao, J., Meejitpaisan, P., Kaewnuam, E., Joshi, A.S. and Jayasankar, C.K., "Studies of radiative and mechanical properties of Nd^{3+} doped lead fluorosilicate glasses for broadband amplification in a chirped pulse amplification based high power laser system", Journal of Luminescence, 188, pp. 558-566. [IF = 3.280]
57. Kesavulu, C.R., Kim, H.J., Lee, S.W., Kaewkhao, J., Chanthima, N. and Tariwong, Y., 2017, " Physical, vibrational, optical and luminescence investigations of Dy^{3+} -doped yttrium calcium silicoborate glasses for cool white LED applications", Journal of Alloys and Compounds, 726, pp. 1062-1071. [IF = 4.650]
58. Kesavulu, C.R., Kim, H.J., Lee, S.W., Kaewkhao, J., Wantana, N., Kothan S., and Kaewjaeng S., 2017, "Optical spectroscopy and emission properties of Ho^{3+} -doped

gadolinium calcium silicoborate glasses for visible luminescent device applications", Journal of Non-Crystalline Solids, 474, pp. 50-57. [IF = 2.929]

59. Srisittipokakun, N., Ruangtaweep, Y., Rachniyom W., Boonin, K. and Kaewkhao, J., 2017, "CuO, MnO₂ and Fe₂O₃ doped biomass ash as silica source for glass production in Thailand", Results in Physics, 7, pp. – 3449-2454. [IF =4.019]

60. Kaewnuam, E., Kaewkhao, J., Wantana, N., Klysubun, W., Kim H.J. and Sangwaranatee, N., 2017, "Comparative study of Sm³⁺ doped in Li₂O₃- RE₂O₃- B₂O₃ (RE = Y/La) glasses system for laser medium application", Results in Physics, 7, pp. 2698-2703. [IF = 4.019]

61. Kaewkhao, J., Korkut, T., Korkut, H., Aygün, B., Yasaka, P., Tuscharoen, C., Insiripong, C., and Karabulut, C., 2017, "Monte Carlo Design and Experiments on the Neutron Shielding Performances of B₂O₃-ZnO-Bi₂O₃ Glass System", Glass Physics and Chemistry, 43 (6), 537-540. [IF = 0.668]

62. Park, J.M., Kim H.J., Karki, S., Kaewkhao, J., Damdee, B., Kothan, S., Kaewjaeng, S., 2017, "Optical Properties in the Visible Luminescence of SiO₂:B₂O₃:CaO:GdF₃ Glass Scintillators Containing CeF₃", Journal of Korean Physical Society 71 (11), 785-789. [IF = 0.535]

63. Wantana, N, Kaewnuam, E., Damdee, B, Kaewjaeng, S., Kothan, S., Kim, H.J., and Kaewkhao, J. 2018, "Energy Transfer Based Emission Analysis of Eu³⁺ Doped Gd₂O₃-CaO-SiO₂-B₂O₃ Glasses for Laser and X-Rays Detection Material Applications" Journal of Luminescence, 194, pp. 75-81. [IF = 3.280]

64. Yuliantini, L., Hidayat, R., Djamal, M., Boonin, K., Yasaka, P., Kaewnuam, E., Kaewkhao, J., 2018 "Development of Sm³⁺ doped ZnO-Al₂O₃-BaO-B₂O₃ glasses for optical gain medium", Journal of Non-Crystalline Solids, 482, pp. 86-92. [IF = 2.929]

65. Karki, S., Kesavulu, C.R., Kim, H.J., Kaewkhao, J., Chanthima, Ruangtaweep, Y., 2018, "Physical, optical and luminescence properties of B₂O₃-SiO₂-Y₂O₃-CaO glasses with Sm³⁺ ions for visible laser applications", Journal of Luminescence, 197, pp. 76-82. [IF = 3.280]

66. Kirdsiri, K., Raja Ramakrishna, R, Damdee, B., Kim, H.J., Kaewjaeng, S., Kothan, S., Kaewkhao, J., 2018, "Investigations of optical and luminescence features of Sm³⁺ doped Li₂O-MO-B₂O₃ (M = Mg/Ca/Sr/Ba) glasses mixed with different modifier oxides as an orange light emitting phosphor for WLED's", Journal of Alloys and Compounds, 749, pp. 197-204. [IF = 4.650]

67. Aryal, P., Kesavulu, C.R., Kim, H.J., Lee, S.W., Kang, S.J., Kaewkhao, J., Chanthima, Damdee, B., 2018, "Optical and luminescence characteristics of Eu³⁺-doped B₂O₃:SiO₂:Y₂O₃:CaO glasses for visible red laser and scintillation material applications", Journal of Rare Earth, 36, 482-491. [IF = 3.104]

68. Zaman, F., Rooh, G., Srisittipokakun, Wongdeeying, C., Kim, H.J., Kaewkhao, J., 2018, "Physical, structural and luminescence investigation of Eu^{3+} -doped lithium-gadolinium bismuth-borate glasses for LEDs", Solid State Science, 80, pp. 161-169. [IF = 2.434]
69. Shamshad, L., Ali, N., Ataullah, Kaewkhao, J., Rooh, G., Ahmed, T., Zaman, F., 2018, "Luminescence characterization of Sm^{3+} -doped sodium potassium borate glasses for laser application" Journal of Alloys and Compounds, 766, pp. 828-840. [IF = 4.650]
70. Khan, I., Rooh, G., Rajaramakrishna, R., Sirsittipokakun, N., Kim, H.J., Wongdeeying, C., Kaewkhao, J., 2018, "Development of Eu^{3+} doped $\text{Li}_2\text{O}-\text{BaO}-\text{GdF}_3-\text{SiO}_2$ oxyfluoride glass for efficient energy transfer from Gd^{3+} to Eu^{3+} in red emission solid state device application", Journal of Luminescence, 203, pp.515-524. [IF = 3.280]
71. Yuliantini, L., Kaewnuam, E., Hidayat, R., Djamal, R., Boonin, K., Yasaka, P., Wongdeeying, C., Kiwsakunkran, N., Kaewkhao, J., 2018, "Yellow and blue emission from $\text{BaO}-(\text{ZnO}/\text{ZnF}_2)-\text{B}_2\text{O}_3-\text{TeO}_2$ glasses doped with Dy^{3+} for laser medium and scintillation material application", Optical Materials, 85, pp. 382- 390. [IF = 2.779]
72. Kang, S.C., Kim, H.J., Cho, J.Y., Kim, G.S., Aryal, P., Khan, A., Kang, S. J., Kaewkhao, J., Park, J.M., Kim, M.J., 2018, "Scintillation Properties of Ce^{3+} Doped Silicon-Magnesium-Aluminum-Lithium Glass Scintillators by using Radiation Sources", Journal of Korean Physical Society, 73(8), pp. 1174-1179. [IF = 0.535]
73. Wantana, N, Kaewnuam, E., Chanthima, N., Kaewjaeng, S., Kim, H.J., Kaewkhao, J., 2018, " Ce^{3+} doped glass for radiation detection material", Ceramics International, 44, pp. S172-S176. [IF = 3.830]
74. Khan, I., Rooh, G., Rajaramakrishna, R., Sirsittipokakun, N. Wongdeeying, C., Kiwsakunkran, N., Wantana, N., Kim, H.J., Kaewkhao, J., Tuscharoen, S., 2019, " Photoluminescence and white light generation of Dy_2O_3 doped $\text{Li}_2\text{O}-\text{BaO}-\text{Gd}_2\text{O}_3-\text{SiO}_2$ for white light LED", Journal of Alloys and Compounds, 774, pp.244-254. [IF = 4.650]
75. Khan, I., Rooh, G., Rajaramakrishna, R., Sirsittipokakun, N., Kim, H.J., Kaewkhao, J., Kirdsiri, K., 2019, "Energy transfer phenomenon of Gd^{3+} to excited ground state of Eu^{3+} ions in $\text{Li}_2\text{O}-\text{BaO}-\text{Gd}_2\text{O}_3-\text{SiO}_2-\text{Eu}_2\text{O}_3$ glasses", Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 210, pp. 21-29. [IF = 3.232]
76. Shoaib, M., Rooh, G., Chanthima, N., Rajaramakrishna, R., Kim, H.J., Wongdeeying, C., Kaewkhao, J., 2019, "Intriguing energy transfer mechanism in Oxide and Oxy-fluoride phosphate glasses", Optical Materials, 88, pp. 429-444. [IF = 2.779]

77. Rao, V.R., Devi, L.L., Jayasankar, C.K., Pecharapa, W., Kaewkhao, J., Depuru, S.R., 2019, "Luminescence and energy transfer studies of Ce³⁺/Dy³⁺ doped fluorophosphate glasses" Journal of Luminescence, 208, pp. 89-98 [IF = 3.280]
78. Kim, M.J., Kim, H.J., Cho, J.Y., Kaewjaeng, S., Kaewkhao, J., "Crystal Growth and Scintillation Properties of YAG:Ce³⁺ for γ and α Detection", 2019, Applied Radiation and Isotope, 145, pp. 126-130. [IF = 1.270]
79. Zaman, F., Rooh, G., Srisittipokakun, Ahmad, T., Khan, I., Shoaib, M., Ataulah, Rajagukguk, J., Kaewkhao, J., 2019, "Comparative investigations of gadolinium based borate glasses doped with Dy³⁺ for white light generations", Solid State Science, 89, pp. 50-56. [IF = 2.434]
80. Kirdsiri, K., Rajaramakrishna, R., Damdee, B, Kim, H.J., Nuntawong, N., Horphathum, Kaewkhao, J., 2019, "Influence of alkaline earth oxides on Eu³⁺ doped lithium borate glasses for photonic, laser and radiation detection material applications", Solid State Science, 89, pp. 50-56. [IF = 2.434]
81. Khan, I., Rooh, G., Rajaramakrishna, R., Srisittipokakun, N., Kim, H.J., Kirdsiri, K., Kaewkhao, J., 2019, "Luminescence characteristics of Sm³⁺-doped lithium barium gadolinium silicate glasses for Orange LED's", Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 214, pp. 14-20. [IF = 3.232]
82. Zaman, F., Khan, I., Khattak, S.A., Kaewkhao, J., Ataulah, Shoaib, M., Shah, A., Rooh, G., 2019, "Comparative investigations of gadolinium based borate glasses doped with Dy³⁺ for white light generations", Solid State Science, 90, pp. 68-75. [IF = 2.434]
83. Shoaib, M., Rooh, G., Rajaramakrishna, R., Chanthima, N., Kiwsakunkran, N., Kim, H.J., Kaewkhao, J., Tuscharoen, S., 2019, "Comparative study of Sm³⁺ ions doped phosphate based oxide and oxy-fluoride glasses for solid state lighting applications ", Journal of Rare Earth, 37, pp. 374-382. [IF = 3.104]
84. Kaewjaeng, S., Kothan, S., Chaiphaksa, W., Chanthima, N., Rajaramakrishna, R., Kim, H.J., Kaewkhao, J., 2019, " High transparency La₂O₃-CaO-B₂O₃-SiO₂ glass for diagnosis x-rays shielding material application", Radiation Physics and Chemistry, 160, pp. 41-47. [IF = 2.226]
85. Shoaib, M., Rooh, G., Rajaramakrishna, R., Chanthima, N., Kim, H.J., Tuscharoen, S., Kaewkhao, J., 2019, "Physical and luminescence properties of samarium doped oxide and oxyfluoride phosphate glasses", Materials Chemistry Physics, 229, pp. 514-522. [IF = 3.408]

86. Joseph Daniel, D., Kim, H.J., Kim, S., Kothan, S., [Kaewkhao, J.](#), 2019, "Trap level analysis of Ce^{3+} and Sm^{3+} in $Li_6Y(BO_3)_3$ ", *Ceramics International*, 45, pp. 11893-11898. [IF = 3.830]
87. Rajaramakrishna, R., Wongdeeying, C., Yasaka, P., Limkitjaroenporn, P., [Kaewkhao, J.](#), 2019, "Spectral analysis of Ho^{3+} doped barium zinc boro-tellurite glasses for yellow-green luminescent applications ", *Glass Physics and Chemistry*, 45 (1), pp. 29-35. [IF =0.668]
88. Yuliantini, L., Djamal, M., Hidayat, R., Boonin, K., Yasaka, P., Kaewnuam, E., Venkatramu, V., [Kaewkhao, J.](#), 2019 "Optical and X-ray induced luminescence of Sm^{3+} ion doped borotellurite and fluoroborotellurite glasses: A comparative study", *Journal of Luminescence*, 213, pp. 19-28. [IF = 3.280]
89. Wantana, N., Kaewnuam, E., Ruangtawee, Y., Valiev, D., Stapanov, P., Yamanoi, K., Kim, H.J., [Kaewkhao, J.](#), 2019, "Radio, cathodo and photoluminescence investigations of high density $WO_3-Gd_2O_3-B_2O_3$ glass doped with Tb^{3+} ", *Radiation Physics and Chemistry*, 164, Article number 108350 (pp. 1-7). [IF = 2.226]
90. Karki, S., Kesavulu, C.R., Kim, H.J., [Kaewkhao, J.](#), Chanthima, N., Kothan, S., Kaewjaeng, S., 2019, "Physical, optical and luminescence properties of the Dy^{3+} doped barium borophosphate glasses", *Journal of Non-Crystalline Solids*, 521, Article number 119483 (pp. 1-7). [IF = 2.929]
91. Rajaramakrishna, R. Ruangtawee, Y., Sangwaranatee, N., Kaewkhao, J., 2019, "1.5 μm luminescence enhancement of Er^{3+} by local field surface plasmon resonance of Ag nanoparticles in silicate glasses", *Journal of Non-Crystalline Solids*, 521, Article number 119552. [IF = 2.929]
92. Rajagukguk, J., Fitrilawati, Sinaga, B, [Kaewkhao, J.](#), 2019, " Structural and spectroscopic properties of Er^{3+} doped sodium lithium borate glasses", *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 223, Article number 117342 (pp. 1-7). [IF = 3.232]
93. Khan, I., Shoab, M., Rooh, G., [Kaewkhao, J.](#), Khattak, G. Ahmad, T., Zaman, F., Atallah, Tufail, M., 2019, "Investigation of luminescence properties of Dy^{3+} doped $LiF-Na_2O-K_2O-B_2O_3$ glasses for white light generation", *Journal of Alloys and Compounds*, 805, pp. 896-903. [IF = 4.650]
94. Zaman, F., Srisittipokakun, N., Rooh, G., Khattaka, S.A., Singkiburin, N., Kim, H.J., Sangwaranatee, N, [Kaewkhao, J.](#), 2019, "Investigation of $Li_2O-Gd_2O_3-MO-B_2O_3-Nd_2O_3$ (MO=Ba/Bi) glasses for laser applications by Judd-Oflet (J-O) theory" *Journal of Luminescence*, 215, Article number 116639 (pp. 1-9) [IF = 3.280]

95. Khan, I., Rooh, G., Rajaramakrishna, R., Srisittipokakun, N., Kim, H.J., Kaewkhao, J., Ruangtaweep, Y., 2019, "Photoluminescence Properties of Dy³⁺ Ion-Doped Li₂O-PbO-Gd₂O₃-SiO₂ Glasses for White Light Application" Brazilian Journal of Physics, 9 (43), pp. 1-10. [IF = 0.895]
96. Shoaib, M., Rooh, G., Chanthima, N, Kim, H.J., Kaewkhao, J., 2019, " Luminescence properties of Nd³⁺ ions doped P₂O₅-Li₂O₃-GdF₃ glasses for laser applications", Optik, 199, Article number 63218. [IF = 2.187]
97. Ravangvong, S., Chanthima, N., Rajaramakrishna, R., Kim, H.J., Sangwaranatee, N., Kaewkhao, J., 2019, "Dy³⁺ Ions doped (Na₂O/NaF)-Gd₂O₃-P₂O₅ Glasses for Solid State Lighting Material Applications", Solid State Science, 97, Article number 105972. [IF = 2.434]
98. Rajagukguk, J., Situmorang, S., Fitlirawali, Djamal, M., Rajaramakrishna, R., Kaewkhao, J., Minh, P.H., 2019, "Structural, spectroscopic and optical gain of Nd³⁺ doped fluorophosphate glasses for solid state laser application", Journal of Luminescence, 216, Article number 116738. [IF = 3.280]
99. Khan, I., Rooh, G., Rajaramakrishna, R., Srisittipokakun, N., Kim, H.J., Kaewkhao, J., 2019, "Energy transfer and spectroscopic investigation of Dy₂O₃ Doped Li₂O-BaO-GdF₃-SiO₂ for White LED", Glass Physics and Chemistry, 45 (5), pp. 332-343. [IF = 0.668]
100. Alenkov, V, Bae, H.W., Beyer, J., Boiko, R.S., Boonin, K., Buzanov, O., Chanthima, N., Cheoun, M.K., Chernyak, D.M., Choe, J.S., Choi, S., Danevich, F.A., Djamal, M., Drung, D., Enss, C., Fleischmann, A., Gangapshev, A.M., Gastaldo, L., Gavriljuk, Y.M., Gezhaev, A.M., Grigoryeva, V.D., Gurentsov, V.I., Gylova, O., Ha, C., Ha, D.H., Ha, E.J., Hahn, I.S., Jang, C.H., Jeon, E.J., Jeon, J.A., Jo, H.S., Kaewkhao, J., Kang, C.S., Kang, S.J., Kang, W.G., Kazalov, V. V., Kempf, S., Khan, A., Khan, S., Kim, D.Y., Kim, G.W., Kim, H.B., Kim, H.J., Kim, H.L., Kim, H.S., Kim, I., Kim, S.C., Kim, S.G., Kim, S. K., Kim, S.R., Kim, W.T., Kim, Y.D., Kim, Y.H., Kirdsiri, K., Ko, Y.J., Kobychew, V. V., Kornoukhov, V., Kuzminov, V.V., Kwon, D.H., Lee, C., Lee, E.K., Lee, H.J., Lee, H.S., Lee, J.S., Lee, J.Y., Lee, K.B., Lee, M.H., Lee, M.K., Lee, S.W., Lee, S.W., Lee, S.H., Leonard, D., Li, J., Li, J., Li, Y., Limkitjaroenporn, P., Makarov, E.P., Oh, S.Y., Oh, Y.M., Olsen, S. L., Pabitra, A., Panasenko, S.I., Pandey, I., Park, C.W., Park, H.K., Park, H.S., Park, K.S., Park, S.Y., Poda, D.Y., Polischuk, O.G., Prihtiadi, H., Ra, S.J., Ratkevich, S.S., Rooh, G., Sari, M.B., Seo, K.M., Shin, J.W., Shin, K.A., Shlegel, V.N., Siyeon, K., So, J.H., Son, J.K., Srisittipokakun, N., Sujita, K., Tretyak, V.I., Wirawan, R., Woo, K.R., Yoon, Y.S., Yue, Q., Zaman, S.U., 2020, "First results from the AMoRE-Pilot neutrinoless double beta decay experiment", The European Physics Journal C, 79, Article number 791. [IF = 4.389]
101. Al-Hadeethi, Y., Sayyed, M.I., Kaewkhao, J., Raffah, B.M., Almalki, R, Rajaramakrishna, R., 2019, "An extensive investigation of physical, optical and radiation shielding properties for borate glasses modified with gadolinium oxide", Applied Physics A-Materials Science and Processing, 125, Article number 749 [IF = 1.810]

102. Sriwongsa, K., Limkitjaroenporn, P., Hongtong, W., Chaiphaksa, W. and Kaewkhao, J., 2019, "Non-Proportionality Electron Response and Energy Resolution of $\text{LaBr}_3\text{:Ce}$ and LuYAP:Ce Scintillating Crystals", Journal of Korean Physical Society, 75 (9), pp.672-677. [IF = 0.535]
103. Yasaka, P., Rajaramakrishna, R., Wongwan, W., Yamchumporn, P., Kim, H.J., Kaewkhao J., 2019, "Development of $\text{ZnO-BaO-B}_2\text{O}_3\text{-TeO}_2$ glass doped with Sm^{3+} for orange emitting material", Solid State Science, 98, Article number 106041. [IF = 2.434]
104. Al-Hadeethi, Y., Sayyed, M.I., Kaewkhao, J., Raffah, B.M., Almalki, Rajaramakrishna, R., 2019, "Physical, structural, optical, and radiation shielding properties of $\text{B}_2\text{O}_3\text{-Gd}_2\text{O}_3\text{-Y}_2\text{O}_3$ glass system", Applied Physics A-Materials Science and Processing, 125, Article number 852 [IF = 1.810]
105. Khan, I., Rooh, G., Rajaramakrishna, R., Sirsittipokakun, N., Kim, H.J., Ruangtaweep, Y., Kaewkhao, J., 2019, "Spectroscopy Study of Sm^{3+} Doped Fluorosilicate Glasses for Orange Emission Solid-State Device Application", Glass Physics and Chemistry, 45 (6), pp. 447-458. [IF = 0.668]
106. Venugopal, A.R., Rajaramakrishna, R., Abhiram, J., Pattard, V., Rajashekara, K.M., and Kaewkhao, J., 2019, " Sm^{3+} Doped Lithium Strontium Borate Glasses for Solid State Lighting Applications", Glass Physics and Chemistry, 45 (6), 472-484. [IF = 0.668]
107. Al-Hadeethi, Y., Sayyed, M.I., Kaewkhao, J., Askin, A., Raffah, B.M., Mkawi, E.M., Rajaramakrishna, R., 2020, "Physical, optical properties and radiation shielding studies of $x\text{La}_2\text{O}_3\text{-(100-x)B}_2\text{O}_3$ glass system", Ceramics International 46 (4), pp. 5380-5386. [IF = 3.830]
108. Ravangvong, S., Chanthima, N., Rajaramakrishna, R., Kim, H.J., Kaewkhao, J., 2020, "Effect of sodium oxide and sodium fluoride in gadolinium phosphate glasses doped with Eu_2O_3 content", Journal of Luminescence 219, Article Number 116950. [IF =3.280]
109. Rao, V.R., Doddoji, R., Pecharapha, W., Kaewkhao, J., Depuru, S.R., Jayasankar, C.K., , 2020, "Photoluminescence and energy transfer studies in Ce^{3+} and Sm^{3+} activated $\text{P}_2\text{O}_5\text{+K}_2\text{O+Al}_2\text{O}_3\text{+BaF}_2\text{+NaF}$ glasses for solid state lighting" Optical Materials, 99, Article Number 109576 [IF = 2.779]
110. Rajaramakrishna, R., Nijapai, P., Kidkhunthod, P., Kim, H.J., Kaewkhao, J., Ruangtaweep. Y., 2020, "Molecular dynamics simulation and luminescence properties of Eu^{3+} doped molybdenum gadolinium borate glasses for red emission", Journal of Alloys and Compounds, 813, Article number 151914. [IF = 4.650]

111. Wantana, N., Ruangtaweep, Y., Kaewnuam, E., Kang, S.C., Kim, H.J., Kothan, S., Kaewkhao, J., 2020, "Development of $\text{WO}_3\text{-Gd}_2\text{O}_3\text{-B}_2\text{O}_3$ high density glasses doped with Dy^{3+} for photonics and scintillation materials application", Solid State Science, 101, Article number 106135. [IF = 2.434]
112. Rajaramakrishna, R., Ruangtaweep, Y., Sattayaporn, S., Kidkhunthod, P., Kothan, S., Kaewkhao, J., 2020, "Structural analysis and luminescence studies of $\text{Ce}^{3+}/\text{Dy}^{3+}$ co-doped calcium zinc gadolinium borate glasses using EXAFS", Radiation Physics and Chemistry, 171, Article number 108965. [IF = 2.226]
113. Intom, S., Kalkornsurapranee, E., Johns, J., Kaewjaeng, S., Kothan, S., Hongtong, W., Chaiphaksa, W., Kaewkhao, J., 2020, "Mechanical and radiation shielding properties of flexible material based on T natural rubber/ Bi_2O_3 composites", Radiation Physics and Chemistry, 172, Article number 108772. [IF = 2.226]
114. Cheewasukhanont, W., Limkitjoroenporn, P., Kothan, S., Kedkaew, C., Kaewkhao, J., 2020, "The effect of particle size on radiation shielding properties for bismuth borosilicate glass", Radiation Physics and Chemistry, 172, Article number 108791. [IF = 2.226]
115. Khan, I., Rooh, G., Rajaramakrishna, R., Srisittipokakun, S., Kim, H.J., Kothan, S., Kaewkhao, J., Kirdsiri, K., 2020, "Comparative study of optical and luminescence properties of Sm^{3+} -ions doped $\text{Li}_2\text{O-Gd}_2\text{O}_3\text{-PbO-SiO}_2$ and $\text{Li}_2\text{O-GdF}_3\text{-PbO-SiO}_2$ glasses for orange emission solid state device application", Journal of Luminescence, 222, Article number 117136. [IF = 3.280]
116. Jagannathan, A., Rajaramakrishna, R., Rajashekara, K.M., Gangareddy, J.M., Pattar, K., Rao, S., V., Eraiah, B., Angadi, V., J., Kaewkhao, J., Kothan, S., 2020, "Investigations on nonlinear optical properties of gold nanoparticles doped T fluoroborate glasses for optical limiting applications", Journal of Non-Crystalline Solids, 538, Article number 120010. [IF = 2.929]
117. Wantana, N., Kaewnuam, E., Ruangtaweep, Y., Kidkhunthod, P., Kim, H.J., Kothan, S., Kaewkhao, J., 2020, "High density tungsten gadolinium borate glasses doped with Eu^{3+} ion for photonic and scintillator application", Radiation Physics and Chemistry, 172, Article number 108868. [IF = 2.226]
118. Posopa, N., Sakulkalavek, A., Chanlek, N., Kaewkhao, J., Sakdanuphap, R., 2020, "Room-temperature rapid synthesis of CuI thin films via liquid iodination method", Superlattices and Microstructures, 141, Article number 106501. [IF = 2.120]
119. Sangwanateee, N., Yasaka, P., Rajaramakrishna, R., Kothan, S., Kaewkhao, J., 2020, "Photoluminescence properties and energy transfer investigations of Gd^{3+} and Sm^{3+} co-

doped ZnO–BaO–TeO₂ glasses for solid state laser application”, Journal of Luminescence, 224, Article Number 117275. [IF = 3.280]

120. Rajaramakrishna, R., Ruangtaweep, Y., Saiyasombat, C., Kaewkhao, J., 2020, “Effect of SnO₂/SeO₂ on Au nano-particles doped silicate glasses: a structural study using XAS and EXAFS refinements”, Optical and Quantum Electronics, 52, Article Number 244. [IF = 1.842]

121. Ahmad, Z, Ali, S., Ahmad, H., Hayat, K., Iqbal, Y., Zulfiqar, F., Zaman, F., Rooh, G., Kaewkhao, J., 2020, “RADIO-OPTICAL response of cerium-doped lithium gadolinium bismuth borate glasses”, Journal of Luminescence, 224, Article Number 117341. [IF = 3.280]

122. Rajaramakrishna, R., Kaewjaeng, S., Kaewkhao, J., Kothan, S., 2020, "Investigation of XANES study and energy transport phenomenon of Gd³⁺ to Ce³⁺ in CaO–SiO₂–B₂O₃ glasses", Optical Materials, 102, Article Number 109826 [IF = 2.779]

123. Saha, S., Kim, H.J., Khan, A., Daniel, D.J., Absar, R., Barman, R., Aryal, P., Kaewkhao, J., Kothan, S., 2020, " Luminescence and Scintillation Properties of Dy³⁺ doped Li₆Y(BO₃)₃ crystal", Optical Materials, 102, Article Number 109826 [IF = 2.779]

124. Saha, S., Kim, H.J., Aryal, P., Tyagi, M., Barman, R., Kaewkhao, J. Kothan, S., Kaewjaeng, S., 2020, " Synthesis and characterization of borate glasses for thermal neutron scintillation and imaging", Radiation Measurement, 134, Article Number 106319 [IF = 1.512]

125. Ullah, I., Shah, S.K., Rooh, G., Srisittipokakun, N., Khan, A., Kaewkhao, J., Kim, H.J., Kothan, S., 2020, “Spectroscopic study and energy transfer behavior of Gd³⁺ to Dy³⁺ for Li₂O–MgO–Gd₂O₃–B₂O₃ glasses for white emission material”, Journal of Luminescence, 226, Article Number 117380. [IF = 3.280]

126. Aryal, P., Khan, A., Kim, H.J., Vuong, P., Kaewkhao, J., Kothan, S., Kaewjaeng, S., 2020 "Development of Tin-based Single Crystal Scintillator for Double-beta Decay Experiments", IEEE Transaction on Nuclear Science, 67 (6), pp. 922-926. [IF = 1.575]

127. Kolavekar, S.B., Ayachit, N.H., Rajaramakrishna, R., Pramod N G, Kaewkhao, J., 2020, “ Reddish-orange emission and Judd-Ofelt investigation of Sm³⁺ ions doped in zinc-bismuth-phospho-tellurite glasses for solid lighting application”, Journal of Luminescence, 226, Article Number 117498. [IF = 3.280]

