Code	Title	Authors
TR01	Influence of Dysprosium incorporation on the Structure and Luminescence Properties of $LaNbO_4$ White Phosphor	FREIRIA, G. S.; RIBEIRO, A. L.; NASSAR, E. J.; ROCHA, L. A.
TR02	Structural, morphological and spectroscopic properties of upconversion Yb^{3+}/Er^{3+} co-doped $NaYF_4$ nanoparticles	OLIVEIRA, S. R.; PEREIRA, R. R.; GONÇALVES, R. R.
TR03	Superbroadband emission from rare earth doped-SiO2-Nb2O5 and SiO_2-Ta_2O_5 nanocomposites	AQUINO, F. T.; MUSCELLI, W. C.; DOROSZ, D.; GONÇALVES, R. R.
TR04	Luminescent properties of rare earth tetrakis(β diketonates) complexes in imidazolium-based ionic liquids	PAOLINI, T. B.; MIRAGAIA, P. B.; BRITO, H. F.
TR05	New fluorophosphate glasses doped with Eu^{3+} - Structural and spectroscopic properties	GONÇALVES, T. S.; OLIVEIRA, M.; ECKERT, H.; CAMARGO, A. S. S.
TR06	Optical temperature sensor based on upconversion in fluorophosphates glasses doped with Er^{3+}.	SANTOS, A. J.; GONÇALVES, T. S.; OLIVEIRA JÚNIOR, M.; ECKERT, H.; CAMARGO, A. S. S.
TR07	A Spectroscopic Study of Er^{3+}/Yb^{3+} co-doped Nb_2O_5 and $SiO_2@Nb_2O_5$ for application as luminescent markers	MANFRÉ, M. G.; SANTOS, J. P.; FERREIRA, P. S. H.; PEREIRA, R. R.; OLIVEIRA, S. R.; GONÇALVES, R. R.
TR08	Synthesis, characterization and luminescence investigation of Pr^{3+} doped and Pr^{3+}/Yb^{3+} co-doped Y_2O_3 spherical particles for photonic applications	NUNES, L. R. R.; MUSCELLI, W. C.; GONÇALVES, R. R.
TR09	Luminescent nanothermometers based on upconversion nanoparticles for applications in nanomedicine	NIGOGHOSSIAN, K.; OUELLET, S.; RIBEIRO, S. J. L.; MESSADDEQ, Y.; BOUDREAU, D.
TR10	Incorporation of the complex Eu^{3+}-phen in polyamide membrane obtained by additive manufacturing	SILVA, B. T.; FARIA, E. H.; ROCHA, L. A.; CIUFFI, K. J.; NASSAR, E. J.; SILVA, J. V. L.; OLIVEIRA, M. F.; MAIA. I. A.
TR11	Effect of neodymium incorporation on the structure and luminescence properties of YVO_4 matrix.	TANAKA, J.; MIURA, B.; NASSAR, E.; ROCHA, L.
TR12	Luminescence tuning behavior by adjusting the Eu^{3+} doping concentrations into Zn-MOF prepared by hydrothermal method assisted by microwave	CUNHA, C. S.; BRITO, H. F.
TR13	Study of energy transfer between peptides and YVO_4:Eu^{3+} luminescent nanoparticles for applications in biosystems	LIMA, L. R.; GONÇALVES, J. M.; MORAES, M. L.; CILLI, E. M.; RIBEIRO, S. J. L.

TR14	Luminescent and Magnetic Composites: Study of Iron Oxide Induced Luminescence Quenching of Eu^{3+} ion	KHAN, L. U.; ZAMBOM, L. F. M.; BRITO, H. F.; FELINTO, M. C. F. C.
TR15	Rare Earth based composites with Potential Random Laser Application	ALVES, C. C.; BONI, L.; CAIUT, J. M. A.
TR16	Ln(III)-Doped Hierarchically Nanostructured Y_2O_3 Nanoparticles for White Light Emission	OLIVEIRA, C. S.; SIGOLI, F. A.; MAZALI, I. O.
TR17	Effect of gadolinium incorporation on the structure and luminescence properties of $GdNbO_4:Eu^{3+}$ phosphor obtained by the Non-Hydrolitic Sol-Gel process	OLIVEIRA, L. R.; NASSAR, E. J.; ROCHA, L. A.
TR18	Luminescent thin films based on expanded polystyrene recovery	MATURI, F. E.; SILVA, R. R.; SÁBIO, R. M.; RIBEIRO, S. J. L.
TR19	Structural and Functional Evolution of $MnRMnSbO_6$	SÁEZ-PUCHE, R.; SOLANA-MADRUGA, E.; ARÉVALO-LÓPEZ, Á. M.; SANTOS-GARCÍA, A. J.; URONES-GARROTE, E.; ÁVILA-BRANDE, D.; ATTFIELD, J. P.
TR20	Synthesis and Characterization of Upconversion Core-Shell Nanoparticles	JUSTINO, L. G.; RIBEIRO, S. J. L.; CAIUT, J. M. A.
TR21	Synthesis and Characterization of Rare Earth Codoped $BaGdF_5$Nanoparticles	JUSTINO, L. G.; CAIUT, J. M. A.
TR22	Structural study of rare earth doped silk fibroin	PUGINA, R. S.; ROCHA, E. G.; CAIUT, J. M. A.
TR23	Solamargine Incorporation into Yttrium Vanadate Nanoparticle Doped with Europium III Ions	MIURA, B. A.; FURTADO, R. A.; TAVARES, D. C.; FARIA, E. H.; ROCHA, L. A.; CIUFFI, K. J.; NASSAR, E. J.
TR24	Broad NIR and visible emission from rare earth doped SiO_2-Nb_2O_5 nanostructured materials prepared by an alternative sol-gel route	CAIXETA, F. J.; AQUINO, F. T.; PEREIRA, R. R.; GONÇALVES, R. R.;
TR25	Structural and Spectroscopic properties of Eu^{3+} doped Y_3TaO_7	BORGES, F. H.; PEREIRA, R. R.; OLIVEIRA, S. R.; GONÇALVES, R. R.;
TR26	NIR and visible Luminescence from Er^{3+}/Yb^{3+} co-doped rare earth Tantalate and Niobate	BORGES, F. H.; PIVA, H.; OLIVEIRA, S. R.; PEREIRA, R. R.; GONÇALVES, R. R.
TR27	A spectroscopic analysis of Near-Infrared emission and energy transfer processes from Pr^{3+} doped and $Pr^{3+}:Yb^{3+}$ co-doped SiO_2-Nb_2O_5 xerogels	MUSCELLI, W. C.; AQUINO, F. T.; GONÇALVES, R. R.

TR28	A portable luminescent thermometer based on green up-conversion emission of Er^{3+}/Yb^{3+} co-doped tellurite glass	MANZANI, D.; PETRUCI, J. F. S.; NIGOGHOSSIAN, K.; CARDOSO, A.; RIBEIRO, S. J. L.
TR29	One-dimensional nanostructures of Tellurium as support to preparation of multifunctional materials containing lanthanide ions	CAMARGO, V. R.; SILVA, R. R.; RIBEIRO, S. J. L.
TR30	Hybrid films of fibroin-polyoxometalate for UVB sensors for monitoring by luminescence Eu^{III}	SANCHES, N. M.; CEBRIAN, A.; SILVA, R. R.; CAVICCHIOLI, M.; RIBEIRO, S. J. L.
TR31	$Y_2O_2SO_4:Eu^{3+}$ Nanomaterials Synthesis by a Benzenecarboxylate Method	SILVA, I. G. N.; MUSTAFA, D.; RODRIGUES, R. V.; MERIZIO, L. G.; FELINTO, M. C. F. C.; BRITO, H. F.
TR32	Red and NIR persistent luminescence on Eu^{3+} and Yb^{3+}-doped rare earth oxysulfides	MACHADO, I. P.; CARVALHO JUNIOR, J. M.; PEDROSO, C. C. S.; RODRIGUES, L. C. V.; BRITO, H. F.
TR33	Synthesis and characterization of $NaLnF_4@NaYF_4$ nanoparticles for possible theranostic applications.	RODRIGUES, E. M.; BARREIRA, C. D.; GÁLICO, D. A.; BETTINI, J.; MAZALI, I. O.; SIGOLI, F. A.
TR34	Effect of excitation wavelength on the CIE chromaticity coordinates of $Nb_2O_5:Ln^{3+}$ (Ln = La, Tb and Eu) synthesized by the Sol Gel process	SVERZUT, L. J.; NASSAR, E. J.; ROCHA, L. A.
TR35	Multi-Funtional Compounds Based on Lanthanide-Sulfonate Coordination Polymers	D'VRIES, R. F.; GOMEZ, G. E.; LIONELLO, D. F.; CAMPS, I.; FUERTES, M. C.; SOLER-ILLIA, G. J. A. A.; ELLENA, J.
TR36	Synthesis and photoluminescence properties of $X_{(4.95\%)}NbO_4:Eu^{3+}{}_{(0.05\%)}$, (X = Y, La or Gd) obtained by the Non-Hydrolytic Sol-Gel methodology	MASSAROTTO, W. L.; NASSAR, E. J.; ROCHA, L. A.
TR37	Isotope separation method on Rare-Earths atomic jets produced by laser ablation through magnetic fields	CHRIST, B.; JAKUTIS NETO, J.; RODRIGUES, N. A. S.
TR38	Strategies to produce and characterize Rare-Earth atomic jets produced by laser ablation for the IEAv isotope separation program	JAKUTIS NETO, J.; CHRIST, B.; RODRIGUES, N. A. S.; DESTRO, M. G.; NERI, J. W.; SANTOS, J. R.; BUENO, P.
TR39	Nanocomposites based on $Gd_2O_3:Tb^{3+}$ grown into SiO_2 with potential application as green lasers	ROCHA, L. A.; RIBEIRO, S. J. L.; SIQUEIRA, R. L.; SCHIAVON, M. A.; FERRARI, J. L.
TR40	Study of La^{3+} concentration on the luminescence properties of Tm^{3+} doped Nb_2O_5 prepared by the Non-Hydrolytic Sol-Gel process	MOSCARDINI, S. B.; NASSAR, E. J.; ROCHA, L. A.;
TR41	Eu-Doped Oxyfluoride Glasses: A EPR and UV/Vis Spectroscopy Study	CARVAJAL, E. E.; GOVATO, Y. G.; DONOSO, P.; CAMARGO, A. S. S.; ECKERT, H.

TR42	White emission properties of Dy^{3+}-doped Sr_2CeO_4 obtained via acid citric route	PERCÍLIA, G. G.; ROCHA, L. A.; SCHIAVON, M. A.; FERRARI, J. L.
TR43	Physical origin of refractive index changes in Tb^{3+} doped glasses	SANTOS, J. F. M.; NUNES, L. A. O.; ASTRATH, N. G. C.; BAESSO, M. L.; MONCORGÉ, R.; CATUNDA, T.
TR44	Fluorescence Saturation and cross relaxation in Tb^{3+} doped LSCAS glasses	SANTOS, J. F. M.; NUNES, L. A. O.; ASTRATH, N. G. C.; BAESSO, M. L.; CATUNDA, T.
TR45	Cellular imaging by using a hybrid Silica-Europium complex	MUTTI, A. M. G.; SANTOS, J. A. O.; CAVALCANTE, D. G. S. M.; GOMES, A. S.; JOB, A. E.; TEIXEIRA, G. R.; PIRES, A. M.; LIMA, S. A. M.
TR46	Rare earth elements in soil profile and groundwater of a vehicle impound scrapyard	LANGE, C. N.; FIGUEIREDO, A. M. G.; ENZWEILER, J.
TR47	Synthesis and crystalline structure of a complex with phosphonate ligand and Eu(III) $[Eu(idmp)_3].H_2O$	BOTEZINE, N. P.; MACHADO, F. C.
TR48	Down-conversion emission in Er^{3+}/Yb^{3+}-coped Sr_2CeO_4	JOAQUIM, F. L. S.; ROCHA, L. A.; SCHIAVON, M. A.; FERRARI, J. L.
TR49	Erbium Isotope Shift and Hyperfine Structure Studies Using sub-Doppler Techniques	BUENO, P.; SANTOS, J. R.; SBAMPATO, M. E.; NÉRI, J. W.; JAKUTIS NETO, J.; DESTRO, M. G.
TR50	Silica containing iron oxide and Europium III obtained via sol-gel methodology	UBIALI, A. C. L.; FARIA, E. H.; CIUFFI, K. J.; ROCHA, L. A.; NASSAR, E. J.
TR51	Design of Luminescent Materials Based on Dinuclear Lanthanide Complexes: A Molecular Modeling Approach	SOUZA, K. M. N.; SILVA, J. A. B.; LONGO, R. L.;
TR52	Coordination of lanthanide ions to a Schiff base ligand	RODRIGUES, F. S.; CAMARGO, M. A.; LEMOS, S. S.; LIMA, V. S.
TR53	Luminescent Solid Phase for Sialic Acid determination: A Promising Sensor for Milk-Adulterated Samples	ALVES, A. A.; BELIAN, M. F.; LAVORANTE, A. F.
TR54	Solid solutions of rare earth oxysulphides for scintillators optimization	REQUENA, G. F.; KRAUSER, M. O.; CEBIM, M. A.; DAVOLOS, M. A.
TR55	Luminescent LDH: study of $[Zn_2Al_{0.999}Eu_{0.001}(OH)_6]NO_3$, $[Zn_2Al_{0.999}Eu_{0.001}(OH)_6]$bca and $[Zn_2Al(OH)_6][Eu(bca)_4]$ systems and their properties.	ROMERO, J. H. S.; SAITO, G. P.; CEBIM, M. A.; DAVOLOS, M. R.

TR56	Zn_2Al-LDH doped with Ce^{3+} ions for potential sunscreens	SAITO, G. P.; DAVOLOS, M. R.; CEBIM, M. A.; ROMERO, J. H. S.
TR57	Blue-white-red color tunable emission of Tb^{3+}/Eu^{3+} co-doped $CaYAlO_4$ phosphors for WLEDs	PERRELLA, R. V.; SHIAVON, M. A.; FERRARI, J. L.
TR58	Intense upconversion emission of Er^{3+}/Yb^{3+} co-doped $CaTiO_3$ under excitation at 980 and 1550 nm	PERRELLA, R. V.; SCHIAVON, M. A.; PECORARO, E.; RIBEIRO, S. J. L.; FERRARI, J. L.
TR59	New Ratiometric Sensors Based on Luminescent Rare Earth Vanadate Nanoparticles	SOUSA FILHO, P. C.; LARQUET, E.; LEMÉNAGER, G.; SERRA, O. A.; GACOIN, T.
TR60	High Resolution Spectroscopy of Neodymium Atom Aiming Laser Isotope Separation	VICTOR, A. R.; DESTRO, M. G.; SBAMPATO, M. E.; BARRETA, L. F. N.; BUENO, P.; SANTOS, J. R.; NERI, J. W.; SILVEIRA, C. A. B.; NETO, J. J.
TR61	White light emission of the single-phase CaWO4:Dy^{3+} phosphors by simple synthesis and fast heating	BARBOSA, H. P.; PEDROSO, C. C. S.; FELINTO, M. C. F. C.; MALTA, O. L.; BRITO, H. F.
TR62	$Sr_2MgSi_2O_7$:Eu^{2+}, Dy^{3+} long persistent luminescent material synthetized by microwave assisted method	MERÍZIO, L. G.; SILVA, I. G. N.; RODRIGUES, L. C. V.; BRITO, H. F.
TR63	1.06 μm emission analysis in Nd^{3+} doped oxyfluoro tellurite glass and glass ceramic containing $NaYF_4$ nanocrystals	RAJESH, D.; AMJAD, R. J.; CAMARGO, A. S. S.
TR64	Luminescent Tantalum Germanate Glasses and Glass-ceramics	CUNHA, C. R.; CASSANJES, F. C.; POIRIER, G. Y.
TR65	Synthesis and characterization of SiO_2 glass monoliths containing base Eu^{3+} for possible application in optical fibers.	ALVES, L. L. S.; MAYRINCK, C.; SCHIAVON, M. A.; NALIN, M.; PECORARO, E.; FERRARI, J. L.
TR66	Proposal of Er^{3+}/Yb^{3+}-doped recyclable material for application as future optical amplification in C-telecom region	REIS, D. H. S.; SCHIAVON, M. A.; PECORARO, É.; POIRIER, G. Y.; CASSANJES, F. C.; RIBEIRO, S. J. L.; FERRARI, J. L.
TR67	Synthesis and characterization of germanate glasses containing niobium oxide for luminescent devices	MARCONDES, L. M. S.; OLIVEIRA, B. B.; CATOZZO, I. S.; CASSANJES, F. C.; POIRIER, G. Y.
TR68	Europium(III) β-diketonate complexes showing emission from two-photons excitation	BOSSHARD, G. Z.; BRITO, G. A.; PADILHA, L. A.; MAZALI, I. O.; SIGOLI, F. A.
TR69	Luminescence spectroscopy of polynuclear complexes with β-diketonate ligands	RIUL, A.; CAIUT, J. M. A.

TR70	Synthesis of luminescent particles of Al_2O_3:Yb/Tm co-doped with yttrium by Spray Pyrolysis	RIUL, A.; CAIUT, J. M. A.
TR71	Tb/Eu-Metal Organic Framework for Optical Nanothermometer	PETIOTE, L.; MAZALI, I. O.; SIGOLI, F. A.
TR72	Structural and luminescent properties of two lanthanide-based coordination polymers with isonicotinate ligand	DEZOTTI, Y.; RIBEIRO, M. A.; LIMA, F. A.; BARROS, W. P.
TR73	Eu^{3+} ion as a spectroscopic local structural probe in heterometallic Pb(II)/Eu(III) coordination polymers	BARBOSA, C. D. E. S.; PAZ, F. A. A.; MALTA, O. L.; RODRIGUES, M. O.; JÚNIOR, S. A.; FERREIRA, R. A. S.; CARLOS, L. D.
TR74	Recovery of rare earths from exhausted catalysts of petroleum cracking	SILVA, D. L.; SOUSA FILHO, P. C.; NERI, C. R.; SERRA, O. A.
TR75	Laser-induced Breakdown Spectroscopy of a Dysprosium Vapor Generated by Laser Ablation	SANTOS, J. R.; JAKUTIS NETO, J.; DESTRO, M. G.
TR76	Atomic Spectroscopy of Dysprosium Aiming Isotopic Enrichment via Lasers	SANTOS, J. R.; DESTRO, M. G.; SBAMPATO, M. E.; NERI, J. W.; VICTOR, A. R.; BUENO, P.; BARRETA, L. F.
TR77	Thermal, structural and optical study of new TeO_2-Sb_2O_3-GeO_2 ternary system	PEREIRA, C.; GONÇALVES, R. R.; RIBEIRO, S. J. L.; CASSANJES, F. C.; POIRIER, G.
TR78	Photoluminescence investigation of new Ln(III)-BTFA complexes containing N-methyl-ε-caprolactam	BORGES, A. S.; ARAUJO, M. H.; BRANDÃO, S. G.
TR79	Photoluminescent studies of the Europium(III) - thenoyltrifluoroacetonate complexes with different lactam	BORGES, A. S.; ARAUJO, M. H.; TEOTONIO, E. E. S.; RICARDO, N. R.
TR80	Y_2O_3 matrix simultaneously doped with Eu^{3+}, Er^{3+} and Yb^{3+}: optical and structural effects on the produced phosphor	OLIVEIRA, N. A.; BISPO, A. G.; SHINOHORA, G. M. M.; PIRES, A. M.
TR81	Sol-gel synthesis of monophasic Ba_2SiO_4:Eu(III) red phosphor for optical devices.	PIRES, A. M.; JUNIOR, A. G. B.; LIMA, S. A. M.
TR82	High Resolution TEM as a tool to investigate the formation of ZnO@Eu_2O_3 Core/Shell type system from modified Pechini Route luminescent	GARCIA, A. B. S.; SOUZA, G. G.; PIRES, A. M.
TR83	Production of new luminescent rare earths coordination compounds	VENTURINI FILHO, É.; SOUZA FILHO, P. C.; SERRA, O. A.; LUZ, P. P.

TR84	Synthesis of new polymeric Europium-(III) metalorganic frameworks	BARBOSA, J. S.; SERRA, O. A.
TR85	Spectroscopic Properties of Rare Earth (Eu^{3+}, Tb^{3+}, Er^{3+}) Doped WO_3-$NaPO_3$ Glasses With and Without Silver Nanoparticles	DOUSTI, M. R.; AMJAD, R. J.; POIRIER, G.; CAMARGO, A. S. S.
TR86	Synthesis and Characterization of Lanthanide(III) Complexes based on Ruthenium(II) Organometallic Ligand	CELENDÓN, S. E.; BENAVENTE, E. J.; GONZÁLEZ, G. A.
TR87	The influence of different amphiphilic counter-ions in Eu^{3+}*Tetrakis* β-diketonate complexes on optical properties	SILVA, C. M. B. L.; CASTILHO, S. A.; LIMA, S. A. M.; PIRES, A. M.
TR88	Study of structural and optical properties of new TeO_2-GeO_2-PbF_2 glasses	PEREIRA, C.; BAROBOSA, J.; GONÇALVES, R. R.; RIBEIRO, S. J. L.; CASSANJES, F. C.; POIRIER, G.
TR89	Synthesis via sol-gel and energy transfer properties of a new Ba_2SiO_4:Eu^{3+},Tb^{3+} blue, green and red phosphor for W-LED.	BISPO JUNIOR, A. G.; LIMA, S. A. M.; PIRES, A. M.
TR90	PVDF/Eu_2O_3/Buriti Oil Luminescent Composite Films as Potential Temperature Sensors	BISPO JUNIOR, A. G.; CARDOSO, C. X.; PIRES, A. M.
TR91	Synthesis of crystalline $YNbO_4$:Eu^{3+},Bi^{3+} phosphor obtained by the Spray Pyrolysis process	RIBEIRO, A. L.; FREIRIA, G. S.; NASSAR, E. J.; ROCHA, L. A.
TR92	Cerium (IV) oxide obtaining process by chemical precipitation	ZANGARO, G. A. C.; ZOREL JUNIOR, H. E.
TR93	Anomalous intensity of the $^5D_0 \rightarrow {}^7F_0$ transition observed at decatungstoeuropate Langmuir films registered by in situ photoluminescence measurements	OLIVEIRA, H. H. S.; CEBIM, M. A.; DAVOLOS, M. R.
TR94	Green and blue emissions by a terbium(III) complex, [Tb(bbpen)(NO_3)], in solution and thin films	GREGORIO, T.; MACEDO, A. G.; RODRIGUES, P. C.; NUNES, G.; SOARES, J. F.
TR95	Synthesis and Spectroscopic Characterization of a new Anionic Complex series: $[Ln(bpda)_3]^{3-}$, Ln= Eu^{3+}, Tb^{3+} e Gd^{3+}	CANISARES, F. S. M.; SANTANA, E. F.; LIMA, S. A. M.
TR96	Morphological and Spectroscopic Characterization of Core@Shell Eu^{3+} doped Y_2O_3 and Y_2SiO_5@SiO_2 Nanoparticles	SANTOS, L. F.; PEREIRA, R. R.; OLIVEIRA, S. R.; GONÇALVES, R. R.
TR97	Rare-Earths: Market and Main Applications	CAMPOS, M. F.; RODRIGUES, D.; CASTRO, J. A.
TR98	Lanthanide organic frameworks structures: A study of construction	GALAÇO, A. R.; FLORES, L. S.; MACHADO, F. C.; LIMA, J. F.; SERRA, O. A.
TR99	Neodymium reduction for magnet manufacture	CASTRO, J. A.; RODRIGUES, D.; CAMPOS, M. F.

TR100	Near-Infrared to Near-Infrared Upconversion in Tm^{3+}/Yb^{3+} co-doped Y_2O_3 and $Y_2SiO_5@SiO_2$ Nanoparticles	PEREIRA, R. R.; SANTOS, L. F.; OLIVEIRA, S. R.; GONÇALVES, R. R.
TR101	Discovering new colors of luminescence in $CaTiO_3$ with rare-earths doped through co-doping	BEZZAN, O. P.; PEDROSO, C. C. S.; CARVALHO, J. M.; FELINTO, M. C. F. C.; BRITO, H. F.; RODRIGUES, L. C. V.
TR102	Cerium oxide UV filter obtained by sonochemical synthesis as a possible additive for coating polymers	PEREIRA, R. S.; BOTEZINE, N. P.; CUIM, A.; MARQUES, L. F.; LIMA, J. F.
TR103	Synthesis, characterization and photophysical properties of near-infrared luminescent silylated Ru(II)-Ln(III) heterobinuclear complexes	SÁBIO, R. M.; SANTAGNELI, S. H.; GRESSIER, M.; MENU, M-J.; CAIUT, J. M. A.; RIBEIRO, S. J. L.
TR104	Long Range Temperature-Sensitive Optical Probe Based on a Europium(III) Benzoylacetonate Complex Covalently Bounded to Functionalized Polydimethylsiloxane	GÁLICO, D. A.; MAZALI, I. O.; SIGOLI, F. A.
TR105	Molten ligand synthesis method and luminescence study of RE^{3+} complexes with adipate	ASSUNÇÃO, I. P.; BRITO, H. F.; FELINTO, M. C. F. C.; MALTA, O. L.
TR106	Synthesis and spectroscopic properties of a new nanostructured red phosphor based in the composite Eu(III)-doped $Y_2(MoO_4)_3$/Au	SHINOHARA, G. M. M.; BISPO JUNIOR, A. G.; CARDOSO, C. X.; PIRES, A. M.
TR107	Complexing agent effect on the band gap and low-temperature emission spectra of $Y_2O_3:Eu^{3+}$ red phosphor from modified Pechini route monitored by Chemometrics tools	SHINOHARA, G. M. M.; PIRES, A. M.
TR108	Y_2O_3:Eu@SiO_2: a luminescente core-shell structured material	COSTA, A. L.; GALVÃO, R. Z.; LIMA, S. A. M.; PIRES, A. M.
TR109	The photocatalytic potential of SiO_2/TiO_2:Ce(IV)-Eu(III) matrices	OLIVEIRA, R. F.; SILVA, N. C. F.; NASCIMENTO, H. C. B.; BELIAN, M. F.
TR110	A luminescent molecular thermometer based on water soluble lanthanide complexes covalently bonded to hydrogel nanoparticles	SOBRINHO, J. A.; BRITO JÚNIOR, G. A.; MAZALI, I. O.; SIGOLI, F. A.
TR111	Rare Earth Silicates Powder Synthesis for use as SOFC electrolyte	YAMAGATA, C.; PAGANELLI, M.; SILVA, F. S.; CASTANHO, S. R. H. M.
TR112	Rigidochromic shift effect on the sensitization of europium by iridium complex in an heterobimetallic structure	LIMA, S. A. M.; SANTANA, E. F.; CANISARES, F. S. M.; PENCONI, M.; BOSSI, A.

TR113	Influence of the polyalcohol variation in the optical and structural properties of Y_2O_3:Eu^{3+} obtained via modified Pechini method	YOSHIMURA, G. K.; SHINOHARA, G. M. M., PIRES, A. M.
TR114	Ultraviolet Upconversion Luminescence Properties of Yb^{3+}, Gd^{3+} and Tm^{3+} Co-Doped Fluorophosphates Glasses.	GALLEANI, G.; LEDEMI, Y.; MESSADDEQ, Y.
TR115	Rare Earth Elements in the Air and Space Industry: a brief review	LEITE, B. R. A.; DESTRO, M. G.; MELO, F. C. L.
TR116	Synthesis, characterization and spectroscopic properties of $Nd_2(MoO_4)_3$ microflowers	FELINTO, M. C. F. C.; DIAS, C. L.; NAKAMURA, L. K. O.; BARBOSA, H. P.; RODRIGUES, L. C.; BRITO, H. F.; MALTA, O. M. L.; TEOTONIO, E. E. S.
TR117	New near-infrared luminescent nanohybrids obtained by grafting of silylated Ru, Ln and Ru-Ln complexes on mesoporous silica nanoparticles	SÁBIO, R. M.; SANTAGNELI, S. H.; GRESSIER, M.; MENU, M-J.; CAIUT, J. M. A.; RIBEIRO, S. J. L.
TR118	Photophysical properties of new europium(III) complexes with potential application as luminescent label	CABRAL, F. M.; MONTEIRO, J. H. S. K.; BRITO JÚNIOR, G. A., MAZALI, Í. O.;
TR119	A novel rare earth separation from monazite elements by magnetic	ALMEIDA, S. N.; MELO, F. M.; ROMA, H. E.
TR120	Visible to near-infrared upconversion emission of highly content Er^{3+}-doped fluoroindate glasses and glass/polymer composites for solar cells applications	SILVA, T. C.; MANZANI, D.; RIBEIRO, S. J. L.
TR121	Strong UV Emission from Water Dispersible Eu^{2+}-doped $BaSO_4$ Nanoparticles: A Material for Enhancing the Photocatalytic Activity of Carbon Dots	HAZRA, C.; SAMANTA, T.; GANGULI, S.; MAHALINGAM, V.; RIBEIRO, S. J. L.
TR122	Intramolecular energy transfer process on bis- and tris-diketonate trivalent europium complexes with phosphine and arsine oxide ancillary ligands	SANTOS, P. R. S.; MOURA, J. L.; FAUSTINO, W. M.; ESPINOLA, J. G. P.; BRITO, H. F.; FELINTO, M. C. F. C.; TEOTONIO, E. E. S.
TR123	White light emission of the single-phased $CaWO_4$:Tb^{3+},Eu^{3+},Dy^{3+} materials prepared by an environmentally friendly method	BRITO, H. F.; BARBOSA, H. P.; FELINTO, M. C. F. C.; MALTA, O. L.
TR124	Nanocrystalline bonded NdFeB magnets produced from HDDR powders	JANASI, S. R.; BAYERLEIN, D. L.; RODRIGUES, D.; CAMPOS, M. F.
TR125	Synthesis and processing of yttrium dysprosium-doped silicate	MELLO-CASTANHO, S.; SANTOS, S. C.; CAMPOS, L. L.; YAMAGATA, C.

TR126	Near-infrared active $NaYF_4$: $Yb^{3+}/Tm^{3+}@TiO_2$ photocatalyst with tailored morphology for photocatalytic applications using solar light	ULLAH, S.; HAZRA, C.; RODRIGUES-FILHO, U. P.; RIBEIRO, S. J. L.
TR127	Enhanced downconversion emission in Eu- doped zinc-tellurite glasses induced by metal nanoparticles, for solar cell applications	AMJAD, R. J.; RAJESH, D.; DOUSTI, M. R.; SATTAR, A.; CAMARGO, A. S. S.