

Rute A S Ferreira

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13,120
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#	Paper	IF	Citations
331	Lanthanide-containing light-emitting organic-inorganic hybrids: a bet on the future. <i>Advanced Materials</i> , 2009 , 21, 509-34	24	783
330	Progress on lanthanide-based organic-inorganic hybrid phosphors. <i>Chemical Society Reviews</i> , 2011 , 40, 536-49	58.5	495
329	Full-Color Phosphors from Europium(III)-Based Organosilicates. <i>Advanced Materials</i> , 2000 , 12, 594-598	24	301
328	Ratiometric nanothermometer based on an emissive Ln ³⁺ -organic framework. <i>ACS Nano</i> , 2013 , 7, 7213-86.7	86.7	280
327	Novel Lanthanide Luminescent Materials Based on Complexes of 3-Hydroxypicolinic Acid and Silica Nanoparticles. <i>Chemistry of Materials</i> , 2003 , 15, 100-108	9.6	216
326	White-Light Emission of Amine-Functionalized Organic/Inorganic Hybrids: Emitting Centers and Recombination Mechanisms. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 14924-14932	3.4	209
325	A theoretical interpretation of the abnormal 5D ₀ -7F ₄ intensity based on the Eu ³⁺ local coordination in the Na ₉ [EuW ₁₀ O ₃₆]·4H ₂ O polyoxometalate. <i>Journal of Luminescence</i> , 2006 , 121, 561-567	3.8	177
324	A high-temperature molecular ferroelectric Zn/Dy complex exhibiting single-ion-magnet behavior and lanthanide luminescence. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 2236-40	16.4	174
323	Energy-Transfer Mechanisms and Emission Quantum Yields In Eu ³⁺ -Based Siloxane-Poly(oxyethylene) Nanohybrids. <i>Chemistry of Materials</i> , 2001 , 13, 2991-2998	9.6	174
322	Recent advances in luminescent lanthanide based Single-Molecule Magnets. <i>Coordination Chemistry Reviews</i> , 2018 , 363, 57-70	23.2	169
321	Highly Luminescent Tris(β-diketonate)europium(III) Complexes Immobilized in a Functionalized Mesoporous Silica. <i>Chemistry of Materials</i> , 2005 , 17, 5077-5084	9.6	166
320	A bifunctional luminescent single-ion magnet: towards correlation between luminescence studies and magnetic slow relaxation processes. <i>Chemical Communications</i> , 2012 , 48, 9974-6	5.8	155
319	Highly Photostable Luminescent Poly(ε-caprolactone)siloxane Biohybrids Doped with Europium Complexes. <i>Chemistry of Materials</i> , 2007 , 19, 3892-3901	9.6	151
318	Interconvertible modular framework and layered lanthanide(III)-etidronic acid coordination polymers. <i>Journal of the American Chemical Society</i> , 2008 , 130, 150-67	16.4	148
317	Upconverting Nanoparticles Working As Primary Thermometers In Different Media. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 13962-13968	3.8	138
316	Optically Functional Di-Urethanesil Nanohybrids Containing Eu ³⁺ Ions. <i>Chemistry of Materials</i> , 2004 , 16, 2530-2543	9.6	136
315	Efficient and tuneable photoluminescent boehmite hybrid nanoplates lacking metal activator centres for single-phase white LEDs. <i>Nature Communications</i> , 2014 , 5, 5702	17.4	131

314	Luminescent solar concentrators: challenges for lanthanide-based organic/inorganic hybrid materials. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 5580-5596	13	122
313	A Luminescent and magnetic cyano-bridged Tb ³⁺ -Mo ⁵⁺ coordination polymer: toward multifunctional materials. <i>Inorganic Chemistry</i> , 2008 , 47, 775-7	5.1	121
312	Luminescent and magnetic cyano-bridged coordination polymers containing 4d-4f ions: toward multifunctional materials. <i>Inorganic Chemistry</i> , 2009 , 48, 5983-95	5.1	119
311	Spectroscopic study of a UV-photostable organic-inorganic hybrids incorporating an Eu ³⁺ beta-diketonate complex. <i>ChemPhysChem</i> , 2006 , 7, 735-46	3.2	119
310	Electrospun nanosized cellulose fibers using ionic liquids at room temperature. <i>Green Chemistry</i> , 2011 , 13, 3173	10	111
309	Functional nanostructured chitosan/siloxane hybrids. <i>Journal of Materials Chemistry</i> , 2005 , 15, 3952		110
308	Photoluminescent 3D Lanthanide/Organic Frameworks with 2,5-Pyridinedicarboxylic and 1,4-Phenylenediacetic Acids. <i>Crystal Growth and Design</i> , 2008 , 8, 2505-2516	3.5	109
307	Highly-sensitive Eu(3+) ratiometric thermometers based on excited state absorption with predictable calibration. <i>Nanoscale</i> , 2016 , 8, 5327-33	7.7	104
306	Photoluminescence and Quantum Yields of Urea and Urethane Cross-Linked Nanohybrids Derived from Carboxylic Acid Solvolysis. <i>Chemistry of Materials</i> , 2004 , 16, 1507-1516	9.6	95
305	Photoluminescent lanthanide-organic bilayer networks with 2,3-pyrazinedicarboxylate and oxalate. <i>Inorganic Chemistry</i> , 2010 , 49, 3428-40	5.1	92
304	Optical fiber relative humidity sensor based on a FBG with a di-ureasil coating. <i>Sensors</i> , 2012 , 12, 8847-60.8		89
303	Photo-Click Chemistry to Design Highly Efficient Lanthanide β-Diketonate Complexes Stable under UV Irradiation. <i>Chemistry of Materials</i> , 2013 , 25, 586-598	9.6	87
302	Photoluminescence and lattice location of Eu and Pr implanted GaN samples. <i>Physica B: Condensed Matter</i> , 2001 , 308-310, 22-25	2.8	87
301	Citric Acid-Assisted Hydrothermal Synthesis of Luminescent TbPO ₄ :Eu Nanocrystals: Controlled Morphology and Tunable Emission. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 18815-18820	3.8	84
300	Immobilization of Lanthanide Ions in a Pillared Layered Double Hydroxide. <i>Chemistry of Materials</i> , 2005 , 17, 5803-5809	9.6	84
299	Energy Transfer Mechanisms in Organic/Inorganic Hybrids Incorporating Europium(III): A Quantitative Assessment by Light Emission Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 17627-17634	3.8	82
298	Nanosopic Photoluminescence Memory as a Fingerprint of Complexity in Self-Assembled Alkyl/Siloxane Hybrids. <i>Advanced Materials</i> , 2007 , 19, 341-348	24	81
297	Structure-photoluminescence relationship in Eu(III) β-diketonate-based organic/inorganic hybrids. Influence of the synthesis method: carboxylic acid solvolysis versus conventional hydrolysis. <i>Journal of Materials Chemistry</i> , 2005 , 15, 3117		81

296	Breakdown into nanoscale of graphene oxide: confined hot spot atomic reduction and fragmentation. <i>Scientific Reports</i> , 2014 , 4, 6735	4.9	79
295	A layered erbium phosphonate in pseudo-D(5h) symmetry exhibiting field-tunable magnetic relaxation and optical correlation. <i>Chemical Communications</i> , 2014 , 50, 7621-4	5.8	77
294	Engineering highly efficient Eu(III)-based tri-ureasil hybrids toward luminescent solar concentrators. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 7339	13	77
293	Modulating the Photoluminescence of Bridged Silsesquioxanes Incorporating Eu ³⁺ -Complexed n ² -Diureido-2,2'-bipyridine Isomers: Application for Luminescent Solar Concentrators. <i>Chemistry of Materials</i> , 2011 , 23, 4773-4782	9.6	76
292	Structural and photoluminescence studies of a europium(III) tetrakis(beta-diketonate) complex with tetrabutylammonium, imidazolium, pyridinium and silica-supported imidazolium counterions. <i>Inorganic Chemistry</i> , 2009 , 48, 4882-95	5.1	74
291	Investigation of europium(III) and gadolinium(III) complexes with naphthoyltrifluoroacetone and bidentate heterocyclic amines. <i>Journal of Luminescence</i> , 2005 , 113, 50-63	3.8	71
290	Eu ³⁺ -based bridged silsesquioxanes for transparent luminescent solar concentrators. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 8770-8	9.5	70
289	Lanthanide-Based Lamellar Nanohybrids: Synthesis, Structural Characterization, and Optical Properties. <i>Chemistry of Materials</i> , 2006 , 18, 4493-4499	9.6	70
288	A cryogenic luminescent ratiometric thermometer based on a lanthanide phosphonate dimer. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 8480-8484	7.1	67
287	White OLED based on a temperature sensitive Eu ³⁺ /Tb ³⁺ diketonate complex. <i>Organic Electronics</i> , 2014 , 15, 798-808	3.5	67
286	Energy Transfer and Emission Quantum Yields of Organic-Inorganic Hybrids Lacking Metal Activator Centers. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 3275-3284	3.8	67
285	Synthesis, characterization and optical studies on lanthanide-doped CdS quantum dots: new insights on CdS-lanthanide energy transfer mechanisms. <i>Journal of Materials Chemistry</i> , 2011 , 21, 1162-1170	6.3	63
284	Organic-Inorganic hybrid materials towards passive and active architectures for the next generation of optical networks. <i>Optical Materials</i> , 2010 , 32, 1397-1409	3.3	63
283	Synthesis, Characterization, and Luminescence of Cyclodextrin Inclusion Compounds Containing Europium(III) and Gadolinium(III) Tris(diketonates). <i>Journal of Physical Chemistry B</i> , 2002 , 106, 11430-11437	2.4	63
282	Series of metal organic frameworks assembled from Ln(III), Na(I), and chiral flexible-achiral rigid dicarboxylates exhibiting tunable UV-vis-IR light emission. <i>Inorganic Chemistry</i> , 2012 , 51, 1703-16	5.1	62
281	Photoluminescence of Eu(III)-doped lamellar bridged silsesquioxanes self-templated through a hydrogen bonding array. <i>Journal of Materials Chemistry</i> , 2008 , 18, 4172		60
280	High-efficiency luminescent solar concentrators for flexible waveguiding photovoltaics. <i>Solar Energy Materials and Solar Cells</i> , 2015 , 138, 51-57	6.4	59
279	Thermal Properties of Lipid Bilayers Determined Using Upconversion Nanothermometry. <i>Advanced Functional Materials</i> , 2019 , 29, 1905474	15.6	59

278	Recovery of phycobiliproteins from the red macroalga <i>Gracilaria</i> sp. using ionic liquid aqueous solutions. <i>Green Chemistry</i> , 2016 , 18, 4287-4296	10	59
277	Effects of Phonon Confinement on Anomalous Thermalization, Energy Transfer, and Upconversion in Ln ³⁺ -Doped Gd ₂ O ₃ Nanotubes. <i>Advanced Functional Materials</i> , 2010 , 20, 624-634	15.6	56
276	Calix[4]azacrowns as novel molecular scaffolds for the generation of visible and near-infrared lanthanide luminescence. <i>Inorganic Chemistry</i> , 2006 , 45, 2652-60	5.1	56
275	Novel Near-Infrared Luminescent Hybrid Materials Covalently Linking with Lanthanide [Nd(III), Er(III), Yb(III), and Sm(III)] Complexes via a Primary β -Diketone Ligand: Synthesis and Photophysical Studies. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 12538-12545	3.8	55
274	Room temperature magnetoelectric coupling in a molecular ferroelectric ytterbium(III) complex. <i>Science</i> , 2020 , 367, 671-676	33.3	52
273	Ligand-Assisted Rational Design and Supramolecular Tectonics toward Highly Luminescent Eu ³⁺ -Containing Organic-Inorganic Hybrids. <i>Chemistry of Materials</i> , 2009 , 21, 5099-5111	9.6	52
272	Spectroscopic Studies of Europium(III) and Gadolinium(III) Tris- β -diketonate Complexes with Diazabutadiene Ligands. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 3913-3919	2.3	52
271	High-Performance Near-Infrared Luminescent Solar Concentrators. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 12540-12546	9.5	51
270	Local structure and near-infrared emission features of neodymium-based amine functionalized organic/inorganic hybrids. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 20093-104	3.4	51
269	Lanthanide phosphonates with pseudo-D _{5h} local symmetry exhibiting magnetic and luminescence bifunctional properties. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 558-566	6.8	49
268	Optical studies of ZnO nanocrystals doped with Eu ³⁺ ions. <i>Applied Physics A: Materials Science and Processing</i> , 2007 , 88, 129-133	2.6	48
267	Luminescent Polyoxotungstoeuropate Anion-Pillared Layered Double Hydroxides. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 726-734	2.3	48
266	Nanoscale coordination polymers exhibiting luminescence properties and NMR relaxivity. <i>Nanoscale</i> , 2011 , 3, 1200-10	7.7	47
265	Spectral converters for photovoltaics [What] ahead. <i>Materials Today</i> , 2020 , 33, 105-121	21.8	47
264	Planar and UV written channel optical waveguides prepared with siloxane-poly(oxyethylene)-zirconia organic-inorganic hybrids. Structure and optical properties. <i>Journal of Materials Chemistry</i> , 2005 , 15, 3937		46
263	Hydrothermal Synthesis, Structural Investigation, Photoluminescence Features, and Emission Quantum Yield of Eu and Eu ³⁺ Silicates with Apatite-Type Structure. <i>Chemistry of Materials</i> , 2006 , 18, 5958-5964	9.6	46
262	Dependence of the lifetime upon the excitation energy and intramolecular energy transfer rates: the 5D ₀ Eu(III) emission case. <i>Chemistry - A European Journal</i> , 2012 , 18, 12130-9	4.8	45
261	Lanthanopolyoxotungstates in silica nanoparticles: multi-wavelength photoluminescent core/shell materials. <i>Journal of Materials Chemistry</i> , 2010 , 20, 3313		45

260	Structural modelling of Eu ³⁺ -based siloxane-poly(oxyethylene) nanohybrids. <i>Journal of Materials Chemistry</i> , 2001 , 11, 3249-3257		45
259	Scale up the collection area of luminescent solar concentrators towards metre-length flexible waveguiding photovoltaics. <i>Progress in Photovoltaics: Research and Applications</i> , 2016 , 24, 1178-1193	6.8	45
258	Luminescence Thermometry on the Route of the Mobile-Based Internet of Things (IoT): How Smart QR Codes Make It Real. <i>Advanced Science</i> , 2019 , 6, 1900950	13.6	44
257	Surface Roughness Investigation in the Hard Turning of Steel Using Ceramic Tools. <i>Materials and Manufacturing Processes</i> , 2016 , 31, 648-652	4.1	43
256	Sensing Structure Based on Surface Plasmon Resonance in Chemically Etched Single Mode Optical Fibres. <i>Plasmonics</i> , 2015 , 10, 319-327	2.4	43
255	Lanthanide salen-type complexes exhibiting single ion magnet and photoluminescent properties. <i>Dalton Transactions</i> , 2016 , 45, 2974-82	4.3	43
254	Cadmium-Burandicarboxylate Coordination Polymers Prepared with Different Types of Pyridyl Linkers: Synthesis, Divergent Dimensionalities, and Luminescence Study. <i>Crystal Growth and Design</i> , 2013 , 13, 5272-5281	3.5	43
253	Novel polymer electrolytes based on gelatin and ionic liquids. <i>Optical Materials</i> , 2012 , 35, 187-195	3.3	43
252	Photoluminescent porous alginate hybrid materials containing lanthanide ions. <i>Biomacromolecules</i> , 2008 , 9, 1945-50	6.9	43
251	Nano-titania doped with europium and neodymium showing simultaneous photoluminescent and photocatalytic behaviour. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 4970-4986	7.1	41
250	Color tunability of intense upconversion emission from Er ³⁺ /Tb ³⁺ co-doped SiO ₂ /Ta ₂ O ₅ glass ceramic planar waveguides. <i>Journal of Materials Chemistry</i> , 2012 , 22, 9901		41
249	Structure and photoluminescent features of di-amide cross-linked alkylene-siloxane hybrids. <i>Journal of Materials Chemistry</i> , 2005 , 15, 3876		41
248	One-Step Synthesis and Optical Properties of Benzoate- and Biphenolate-Capped ZrO ₂ Nanoparticles. <i>Advanced Functional Materials</i> , 2012 , 22, 4275-4283	15.6	40
247	Bifunctional mixed-lanthanide cyano-bridged coordination polymers Ln _{0.5} Ln' _{0.5} (H ₂ O) ₅ [W(CN) ₈] (Ln/Ln' = Eu ³⁺ /Tb ³⁺ , Eu ³⁺ /Gd ³⁺ , Tb ³⁺ /Sm ³⁺). <i>Inorganic Chemistry</i> , 2012 , 51, 9005-16	5.1	39
246	Synthesis, Characterisation and Luminescent Properties of Lanthanide-Organic Polymers with Picolinic and Glutaric Acids. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 4238-4246	2.3	39
245	Encapsulation of copper(II) complexes with pentadentate N ₃ O ₂ Schiff base ligands derived from acetylacetone in NaX zeolite. <i>Microporous and Mesoporous Materials</i> , 2000 , 38, 391-401	5.3	39
244	A High-Temperature Molecular Ferroelectric Zn/Dy Complex Exhibiting Single-Ion-Magnet Behavior and Lanthanide Luminescence. <i>Angewandte Chemie</i> , 2015 , 127, 2264-2268	3.6	38
243	Photonic-on-a-chip: a thermal actuated Mach-Zehnder interferometer and a molecular thermometer based on a single di-ureasil organic-inorganic hybrid. <i>Laser and Photonics Reviews</i> , 2013 , 7, 1027-1035	8.3	38

242	Lanthanopolyoxometalates as Building Blocks for Multiwavelength Photoluminescent Organic-Inorganic Hybrid Materials. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 5088-5095	2.3	38
241	Synthesis, characterisation and luminescence properties of MCM-41 impregnated with an Eu ³⁺ -Ediketonate complex. <i>Microporous and Mesoporous Materials</i> , 2008 , 113, 453-462	5.3	38
240	Multi-wavelength europium-based hybrid phosphors. <i>Journal of Non-Crystalline Solids</i> , 1999 , 247, 203-208	3.9	38
239	Relative humidity sensing using micro-cavities produced by the catastrophic fuse effect. <i>Optical and Quantum Electronics</i> , 2016 , 48, 1	2.4	37
238	Multiwavelength Luminescence in Lanthanide-Doped Hydrocalumite and Mayenite. <i>Chemistry of Materials</i> , 2011 , 23, 1993-2004	9.6	37
237	Zirconium organophosphonates as photoactive and hydrophobic host materials for sensitized luminescence of Eu(III), Tb(III), Sm(III) and Dy(III). <i>New Journal of Chemistry</i> , 2004 , 28, 1506-1513	3.6	37
236	Sol-gel derived nanocomposite hybrids for full colour displays. <i>Journal of Luminescence</i> , 2000 , 87-89, 702-705	3.8	37
235	Synthesis and study of Prussian blue type nanoparticles in an alginate matrix. <i>Journal of Materials Chemistry</i> , 2012 , 22, 20232		36
234	Photoluminescent Porous Modular Lanthanide-Vanadium-Organic Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 4931-4945	2.3	36
233	Lanthanide complexes of 2-hydroxynicotinic acid: synthesis, luminescence properties and the crystal structures of [Ln(HnicO) ₂ (HnicO)(H ₂ O)] _n H ₂ O (Ln=Tb, Eu). <i>Polyhedron</i> , 2003 , 22, 3529-3539	2.7	36
232	Photopatternable Di-ureasil-Zirconium Oxocluster Organic-Inorganic Hybrids As Cost Effective Integrated Optical Substrates. <i>Chemistry of Materials</i> , 2008 , 20, 3696-3705	9.6	35
231	Photoluminescent Rare-Earth Based Biphenolate Lamellar Nanostructures. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 2539-2544	3.8	35
230	Eu ³⁺ -Assisted Short-Range Ordering of Photoluminescent Bridged Silsesquioxanes. <i>Chemistry of Materials</i> , 2010 , 22, 3599-3609	9.6	34
229	Highly emissive Zn-Ln metal-organic frameworks with an unusual 3D inorganic subnetwork. <i>Chemical Communications</i> , 2012 , 48, 7964-6	5.8	33
228	Luminescent coatings from bipyridine-based bridged silsesquioxanes containing Eu ³⁺ and Tb ³⁺ salts. <i>Journal of Materials Chemistry</i> , 2012 , 22, 13279		33
227	Dual role of a di-urethanesil hybrid doped with europium Ediketonate complexes containing either water ligands or a bulky chelating ligand. <i>Journal of Materials Chemistry</i> , 2009 , 19, 733-742		33
226	Placing a crown on Dy(III) as a dual property Ln(III) crown ether complex displaying optical properties and SMM behaviour. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 7738-7747	7.1	32
225	Synthesis, texture, and photoluminescence of lanthanide-containing chitosan-silica hybrids. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 77-83	3.4	32

224	Photoluminescence and quantum yields of organic/inorganic hybrids prepared through formic acid solvolysis. <i>Optical Materials</i> , 2008 , 30, 1058-1064	3.3	31
223	Catalytic performance of ceria nanorods in liquid-phase oxidations of hydrocarbons with tert-butyl hydroperoxide. <i>Molecules</i> , 2010 , 15, 747-65	4.8	30
222	Optical properties of lanthanide-doped lamellar nanohybrids. <i>ChemPhysChem</i> , 2006 , 7, 2215-22	3.2	30
221	Influence of the Matrix on the Red Emission in Europium Self-Activated Orthoceramics. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 17825-17835	3.8	29
220	Sol-gel-derived potassium-based di-ureasils for smart windows. <i>Journal of Materials Chemistry</i> , 2007 , 17, 4239		29
219	Coordination modes of pyridine-carboxylic acid derivatives in samarium (III) complexes. <i>Polyhedron</i> , 2006 , 25, 2471-2482	2.7	29
218	Sustainable luminescent solar concentrators based on organic-inorganic hybrids modified with chlorophyll. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 8712-8723	13	28
217	Near-infrared luminescent and magnetic cyano-bridged coordination polymers Nd(phen) _n (DMF) _m [M(CN) ₈] (M = Mo, W). <i>Inorganic Chemistry</i> , 2011 , 50, 9924-6	5.1	28
216	Photoluminescent, transparent and flexible di-ureasil hybrids containing CdSe/ZnS quantum dots. <i>Nanotechnology</i> , 2008 , 19, 155601	3.4	28
215	Magneto-Luminescence Correlation in the Textbook Dysprosium(III) Nitrate Single-Ion Magnet. <i>Magnetochemistry</i> , 2016 , 2, 41	3.1	28
214	Crystal structure and photoluminescence properties of lanthanide diphosphonates. <i>Journal of Materials Chemistry</i> , 2007 , 17, 3696		27
213	Transparent Luminescent Solar Concentrators Using Ln ³⁺ -Based Ionosilicas Towards Photovoltaic Windows. <i>Energies</i> , 2019 , 12, 451	3.1	27
212	Multi-objective genetic algorithm applied to spectroscopic ellipsometry of organic-inorganic hybrid planar waveguides. <i>Optics Express</i> , 2010 , 18, 16580-6	3.3	26
211	Sol-gel derived Li ⁺ -doped poly(ϵ -caprolactone)/siloxane biohybrid electrolytes. <i>Journal of Solid State Electrochemistry</i> , 2006 , 10, 203-210	2.6	26
210	Real time random laser properties of Rhodamine-doped di-ureasil hybrids. <i>Optics Express</i> , 2010 , 18, 7470-8	3.8	25
209	High Quantum Yield Dual Emission from Gas-Phase Grown Crystalline Si Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 10375-10383	3.8	24
208	Er ³⁺ -Based Diureasil Organic-Inorganic Hybrids. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 19346-19352	3.8	24
207	Photoluminescent Layered Lanthanide Silicate Nanoparticles. <i>Chemistry of Materials</i> , 2008 , 20, 205-212	9.6	24

206	Morphological and conductivity studies of di-ureasil xerogels containing lithium triflate. <i>Electrochimica Acta</i> , 2002 , 47, 2421-2428	6.7	24
205	Emission quantum yield of a europium(III) tris-βdiketonate complex bearing a 1,4-diaza-1,3-butadiene: Comparison with theoretical prediction. <i>Chemical Physics Letters</i> , 2005 , 413, 22-24	2.5	24
204	A New Generation of Primary Luminescent Thermometers Based on Silicon Nanoparticles and Operating in Different Media. <i>Particle and Particle Systems Characterization</i> , 2016 , 33, 740-748	3.1	24
203	Blue-light excitable La ₂ Ce ₂ O ₇ :Eu ³⁺ red phosphors for white light-emitting diodes. <i>Journal of Alloys and Compounds</i> , 2020 , 814, 152226	5.7	24
202	Photoluminescent polymer electrolyte based on agar and containing europium picrate for electrochemical devices. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2012 , 177, 488-493	3.1	23
201	Li(+)- and Eu(III)-doped poly(ε-caprolactone)/siloxane biohybrid electrolytes for electrochromic devices. <i>ACS Applied Materials & Interfaces</i> , 2011 , 3, 2953-65	9.5	23
200	A study of the distribution of chitosan onto and within a paper sheet using a fluorescent chitosan derivative. <i>Carbohydrate Polymers</i> , 2009 , 78, 760-766	10.3	23
199	βCyclodextrin inclusion of europium(III) tris(βdiketonate)-bipyridine. <i>Polyhedron</i> , 2006 , 25, 1471-1476	2.7	23
198	Super modules-based active QR codes for smart trackability and IoT: a responsive-banknotes case study. <i>Npj Flexible Electronics</i> , 2020 , 4,	10.7	22
197	Intriguing light-emission features of ketoprofen-based Eu(III) adduct due to a strong electron-phonon coupling. <i>Journal of Luminescence</i> , 2016 , 170, 357-363	3.8	22
196	Self-structuring of lamellar bridged silsesquioxanes with long side spacers. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 10877-91	3.4	22
195	Field-induced slow magnetic relaxation and luminescence thermometry in a mononuclear ytterbium complex. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 3019-3029	6.8	22
194	Sustainable Liquid Luminescent Solar Concentrators. <i>Advanced Sustainable Systems</i> , 2019 , 3, 1800134	5.9	22
193	A cost-effective quantum yield measurement setup for upconverting nanoparticles. <i>Journal of Luminescence</i> , 2017 , 189, 64-70	3.8	21
192	Large-Area Tunable Visible-to-Near-Infrared Luminescent Solar Concentrators. <i>Advanced Sustainable Systems</i> , 2018 , 2, 1800002	5.9	21
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