

# LuÃ-s F Vieira Ferreira

## List of Publications by Year in descending order

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137  
papers

3,081  
citations

159585

30  
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243625

44  
g-index

138  
all docs

138  
docs citations

138  
times ranked

3420  
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of Titanium Dioxide Photocatalysis on the Remediation of Model Textile Wastewaters Containing Azo Dyes. <i>Molecules</i> , 2011, 16, 10370-10386.	3.8	151
2	Infrared Approach to the Study of Adsorption on Cellulose: Influence of Cellulose Crystallinity on the Adsorption of Benzophenone. <i>Langmuir</i> , 1997, 13, 4126-4132.	3.5	119
3	Controlled growth of Cu <sub>2</sub> O nanoparticles bound to cotton fibres. <i>Carbohydrate Polymers</i> , 2016, 141, 229-237.	10.2	87
4	Photochemistry on surfaces: fluorescence emission quantum yield evaluation of dyes adsorbed on microcrystalline cellulose. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1992, 88, 15-22.	1.7	66
5	Photochemistry on Surfaces: Matrix Isolation Mechanisms Study of Interactions of Benzophenone Adsorbed on Microcrystalline Cellulose Investigated by Diffuse Reflectance and Luminescence Techniques. <i>Langmuir</i> , 1995, 11, 231-236.	3.5	65
6	Singlet oxygen generation ability of squarylium cyanine dyes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 160, 159-161.	3.9	65
7	Surface Photochemistry: Organic Molecules within Nanocavities of Calixarenes. <i>Current Drug Discovery Technologies</i> , 2007, 4, 229-245.	1.2	64
8	Efficiency of singlet oxygen generation of aminosquarylium cyanines. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 163, 267-269.	3.9	58
9	Color and Luminescence Stability of Selected Dental Materials In Vitro. <i>Journal of Prosthodontics</i> , 2012, 21, 112-122.	3.7	57
10	Chitosan-Ag-TiO <sub>2</sub> films: An effective photocatalyst under visible light. <i>Carbohydrate Polymers</i> , 2018, 199, 31-40.	10.2	57
11	Photochemistry and Cytotoxicity Evaluation of Heptamethinecyanine Near Infrared (NIR) Dyes. <i>International Journal of Molecular Sciences</i> , 2013, 14, 18557-18571.	4.1	52
12	A Diffuse Reflectance Comparative Study of Benzil Inclusion within p-tert-Butylcalix[n]arenes (n= 4, 6.) <i>Tj ETQqO O Q,rgBT /Overlock 10 T</i>	2.8	50
13	Synthesis, XPS and luminescence (investigations) of Li <sup>+</sup> and/or Y <sup>3+</sup> doped nanosized titanium oxide. <i>Materials Chemistry and Physics</i> , 2009, 114, 304-308.	4.0	48
14	Fluorescence quantum yield evaluation of strongly absorbing dye solutions as a function of the excitation wavelength. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1991, 55, 361-376.	3.9	47
15	Photochemistry on surfaces: solvent matrix effect on the swelling of cellulose. An emission and absorption study of adsorbed auramine O. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1993, 89, 1937-1944.	1.7	46
16	Ultraviolet/Visible Absorption, Luminescence, and X-ray Photoelectron Spectroscopic Studies of a Rhodamine Dye Covalently Bound to Microcrystalline Cellulose. <i>Macromolecules</i> , 1998, 31, 3936-3944.	4.8	45
17	UV-Vis Absorption, Luminescence, and X-ray Photoelectron Spectroscopic Studies of Rhodamine Dyes Adsorbed onto Different Pore Size Silicas. <i>Langmuir</i> , 2000, 16, 5673-5680.	3.5	45
18	Porphyrim dye into biopolymeric chitosan films for localized photodynamic therapy of cancer. <i>Carbohydrate Polymers</i> , 2016, 151, 160-171.	10.2	44

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19	Photocatalytic activity of Li <sup>+</sup> /Rb <sup>+</sup> /Y <sup>3+</sup> doped or codoped TiO <sub>2</sub> under sunlight irradiation. <i>Materials Research Bulletin</i> , 2010, 45, 818-825.	5.2	42
20	Ground- and Excited-State Double Proton Transfer in Lumichrome/Acetic Acid System: Theoretical and Experimental Approach. <i>Journal of Physical Chemistry A</i> , 2005, 109, 11707-11714.	2.5	41
21	Photochemical insights of TiO <sub>2</sub> decorated mesoporous SBA-15 materials and their influence on the photodegradation of organic contaminants. <i>Microporous and Mesoporous Materials</i> , 2017, 253, 203-214.	4.4	40
22	Luminescence Lifetime Distributions Analysis in Heterogeneous Systems by the Use of Excel's Solver. <i>Journal of Physical Chemistry B</i> , 2005, 109, 15958-15967.	2.6	38
23	In situ generation of TiO <sub>2</sub> nanoparticles using chitosan as a template and their photocatalytic activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 321, 211-222.	3.9	38
24	Facile functionalization of cotton with nanostructured silver/titania for visible-light plasmonic photocatalysis. <i>Journal of Colloid and Interface Science</i> , 2017, 507, 83-94.	9.4	37
25	Photophysics of cyanine dyes on surfaces. A new emission from aggregates of 2,2'-cyanines adsorbed onto microcrystalline cellulose. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 1217-1225.	1.7	36
26	Structure and Photoluminescence of a Benzil Nanocolumn in aC-Methylcalix[4]resorcinarene-Based Framework. <i>Organic Letters</i> , 2004, 6, 1087-1090.	4.6	34
27	Photochemical properties of squarylium cyanine dyes. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1948-1959.	2.9	32
28	Ultraviolet-Visible and Fourier Transform Infrared Diffuse Reflectance Studies of Benzophenone and Fluorenone Adsorbed onto Microcrystalline Cellulose. <i>Langmuir</i> , 1997, 13, 3787-3793.	3.5	31
29	Photophysics and photochemistry of azole fungicides: triadimefon and triadimenol. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2001, 142, 31-37.	3.9	31
30	Diffuse reflectance studies of 1 <sup>2</sup> -phenylpropiophenone and benzophenone inclusion complexes with calix[4], [6] and [8]arenes Dedicated to Professor Frank Wilkinson on the occasion of his retirement.. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 204-210.	2.8	30
31	A diffuse reflectance comparative study of benzil inclusion within microcrystalline cellulose and 1 <sup>2</sup> -cyclodextrin. <i>Photochemical and Photobiological Sciences</i> , 2004, 3, 174-181.	2.9	30
32	Li <sup>+</sup> -doped nanosized TiO <sub>2</sub> powder with enhanced photocatalytic activity under sunlight irradiation. <i>Applied Organometallic Chemistry</i> , 2010, 24, 692-699.	3.5	29
33	Fluorescence quantum yield evaluation of strongly absorbing dye solutions as a function of the dye concentration. <i>Journal of Luminescence</i> , 1991, 48-49, 395-399.	3.1	28
34	Hybrid cotton-anatase prepared under mild conditions with high photocatalytic activity under sunlight. <i>RSC Advances</i> , 2016, 6, 58957-58969.	3.6	27
35	Characterization of a Squaraine/Chitosan System for Photodynamic Therapy of Cancer. <i>Journal of Physical Chemistry B</i> , 2016, 120, 1212-1220.	2.6	27
36	Diffuse-reflectance laser photolysis studies of geminate recombination kinetics of triplet radical pairs adsorbed on microcrystalline cellulose. <i>Chemical Physics Letters</i> , 1990, 173, 277-281.	2.6	26

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37	Novel laser-induced luminescence resulting from benzophenone/O-propylated p-tert-butylcalix[4]arene complexes. A diffuse reflectance study. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 1002.	2.9	26
38	Hydrogen-Bonded Complexes of Lumichrome. <i>Journal of Physical Chemistry A</i> , 2005, 109, 1785-1794.	2.5	26
39	Potentialities of diffuse reflectance laser-induced techniques in solid phase: A comparative study of benzophenone inclusion within p-tert-butylcalixarenes, silicalite and microcrystalline cellulose. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2002, 153, 11-18.	3.9	25
40	Spectroscopy and photophysics of flavin-related compounds: 3-benzyl-lumiflavin. <i>Photochemical and Photobiological Sciences</i> , 2005, 4, 463.	2.9	25
41	Photo-decolorization and ecotoxicological effects of solar compound parabolic collector pilot plant and artificial light photocatalysis of indigo carmine dye. <i>Dyes and Pigments</i> , 2015, 113, 571-580.	3.7	25
42	Synthesis, spectroscopic characterization and biological evaluation of unsymmetrical aminosquarylium cyanine dyes. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 3803-3814.	3.0	25
43	Red and Near-Infrared Absorbing Dicyanomethylene Squaraine Cyanine Dyes: Photophysical Properties and Anti-Tumor Photosensitizing Effects. <i>Materials</i> , 2020, 13, 2083.	2.9	25
44	Comprehensive Photochemistry and Photophysics of Land- and Marine-based $\hat{I}^2$ -carbolines Employing Time-resolved Emission and Flash Transient Spectroscopy. <i>Photochemistry and Photobiology</i> , 2005, 81, 1195.	2.5	24
45	Surface photochemistry: benzophenone as a probe for the study of silica and reversed-phase silica surfaces. <i>Photochemical and Photobiological Sciences</i> , 2006, 5, 665.	2.9	24
46	Portuguese 16th century tiles from Santo Ant3nio da Charneca's kiln: a spectroscopic characterization of pigments, glazes and pastes. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 838-847.	2.5	24
47	Cotton functionalized with nanostructured TiO <sub>2</sub> -Ag-AgBr layer for solar photocatalytic degradation of dyes and toxic organophosphates. <i>International Journal of Biological Macromolecules</i> , 2019, 128, 902-910.	7.5	24
48	Photochemistry of 4-Chlorophenol on Cellulose and Silica. <i>Environmental Science &amp; Technology</i> , 2003, 37, 4798-4803.	10.0	23
49	Novel fluorescent (<i>p</i>-phenylene ethynylene)-calix[4]arene-based polymer: Design, synthesis, and properties. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6477-6488.	2.3	23
50	Portuguese tin-glazed earthenware from the 16th century: A spectroscopic characterization of pigments, glazes and pastes. <i>Applied Surface Science</i> , 2013, 285, 144-152.	6.1	23
51	Portuguese tin-glazed earthenware from the 17th century. Part 1: Pigments and glazes characterization. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 104, 437-444.	3.9	23
52	A comparative study of the photophysics and photochemistry of 4-chlorophenol adsorbed on silicalite and $\hat{I}^2$ -cyclodextrin. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2002, 151, 157-164.	3.9	22
53	Microwave Synthesis, Basic Spectral and Biological Evaluation of Some Copper (II) Mesoporphyrinic Complexes. <i>Molecules</i> , 2010, 15, 3731-3743.	3.8	22
54	PHOTONIC AND ELECTRONIC SPECTROSCOPIES FOR THE CHARACTERIZATION OF ORGANIC SURFACES AND ORGANIC MOLECULES ADSORBED ON SURFACES. , 2001, , 275-313.		21

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55	Photochemistry of benzophenone adsorbed on MCM-41 surface. <i>Microporous and Mesoporous Materials</i> , 2005, 84, 1-10.	4.4	21
56	Synthesis, photophysical and cytotoxicity evaluation of A3B type mesoporphyrinic compounds. <i>Dyes and Pigments</i> , 2012, 95, 296-303.	3.7	21
57	Synthesis, Photochemical and In Vitro Cytotoxic Evaluation of New Iodinated Aminosquaraines as Potential Sensitizers for Photodynamic Therapy. <i>Molecules</i> , 2019, 24, 863.	3.8	21
58	Benzophenone sensitization of triplet oxazine and of delayed fluorescence by oxazine in acetonitrile solution. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1991, 87, 547.	1.7	20
59	Luminescence Quantum Yield Determination for Molecules Adsorbed onto Solid Powdered Particles. <i>ChemPhysChem</i> , 2004, 5, 1848-1854.	2.1	20
60	In Search of Excited-State Proton Transfer in the Lumichrome Dimer in the Solid State: A Theoretical and Experimental Approach. <i>Journal of Physical Chemistry A</i> , 2006, 110, 4638-4648.	2.5	20
61	Bi <sup>3+</sup> -Y doped and co-doped TiO <sub>2</sub> nanoparticles: Characterization and photocatalytic activity under visible light irradiation. <i>Journal of Molecular Catalysis A</i> , 2013, 380, 34-42.	4.8	20
62	Acetylation of biodiesel glycerin using glycerin and glucose derived catalysts. <i>Journal of Cleaner Production</i> , 2021, 297, 126686.	9.3	20
63	Photophysics of oxacyanine dyes on surfaces. Re-examination of the origins of the "new emission" observed with laser excitation and high concentrations of adsorbed dyes. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 4809-4814.	1.7	19
64	Versatility of Amide-Functionalized Co(II) and Ni(II) Coordination Polymers: From Thermochromic-Triggered Structural Transformations to Supercapacitors and Electrocatalysts for Water Splitting. <i>Inorganic Chemistry</i> , 2020, 59, 16301-16318.	4.0	19
65	Synthesis and Spectral Evaluation of Some Unsymmetrical Mesoporphyrinic Complexes. <i>International Journal of Molecular Sciences</i> , 2012, 13, 8112-8125.	4.1	18
66	Spectroscopy of 16th century Portuguese tin-glazed earthenware produced in the region of Lisbon. <i>Ceramics International</i> , 2015, 41, 13433-13446.	4.8	18
67	TiO <sub>2</sub> -CdS Nanocomposites: Effect of CdS Oxidation on the Photocatalytic Activity. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-11.	2.7	18
68	Photochemical and photocatalytic evaluation of 1D titanate/TiO <sub>2</sub> based nanomaterials. <i>Applied Surface Science</i> , 2017, 392, 418-429.	6.1	18
69	Direct Characterization of Hydrogen Peroxide Bleached Thermomechanical Pulp Using Spectroscopic Methods. <i>Journal of Physical Chemistry A</i> , 2007, 111, 10530-10536.	2.5	17
70	A Singlet Oxygen Photogeneration and Luminescence Study of Unsymmetrically Substituted Mesoporphyrinic Compounds. <i>International Journal of Photoenergy</i> , 2009, 2009, 1-10.	2.5	17
71	Functionalization of cotton fabrics with plasmonic photo-active nanostructured Au-TiO <sub>2</sub> layer. <i>Carbohydrate Polymers</i> , 2017, 176, 336-344.	10.2	17
72	New A3B porphyrins as potential candidates for theranostic. Synthesis and photochemical behaviour. <i>Dyes and Pigments</i> , 2019, 160, 410-417.	3.7	17

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73	Photochemical studies of new benzothiazole- and benzoselenazole-derived aminosquarylium dyes. <i>Tetrahedron</i> , 2015, 71, 967-976.	1.9	16
74	Portuguese tin-glazed earthenware from the 17th century. Part 2: A spectroscopic characterization of pigments, glazes and pastes of the three main production centers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 149, 285-294.	3.9	16
75	Characterization of Solid Complexes between Aromatic Ketones and $\beta$ -Cyclodextrin Using Diffuse Reflectance Infrared Fourier Transform Spectroscopy. <i>Langmuir</i> , 2000, 16, 10392-10397.	3.5	15
76	A study of N,N'-dicarboxyalkylthiacarbocyanines as cyanine reactive dyes covalently bound to cellulose. <i>Dyes and Pigments</i> , 2001, 48, 71-84.	3.7	15
77	Synthesis, structure, and optical properties of an alternating calix[4]arene-based meta-linked phenylene ethynylene copolymer. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5040-5052.	2.3	15
78	Emerging Therapeutic Targets in Oncologic Photodynamic Therapy. <i>Current Pharmaceutical Design</i> , 2019, 24, 5268-5295.	1.9	15
79	Time-resolved absorption and emission spectra of triplet state $\beta$ -phenylpropiophenone adsorbed on silicalite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1995, 51, 1385-1388.	3.9	14
80	Conformational changes induced by immobilization of a recombinant cutinase on zeolites. <i>Catalysis Letters</i> , 2001, 73, 63-66.	2.6	14
81	Pyrene-p-tert-butylcalixarenes inclusion complexes formation: a surface photochemistry study. <i>Photochemical and Photobiological Sciences</i> , 2006, 5, 1068-1077.	2.9	14
82	Fluorescent $\alpha$ -rhodamine-like-hemicyanines derived from the 6-(N,N-diethylamino)-1,2,3,4-tetrahydroxanthylum system. <i>Dyes and Pigments</i> , 2015, 112, 73-80.	3.7	14
83	Geminate recombination kinetics of triplet radical ion pairs on silica studied by diffuse reflectance laser flash photolysis. <i>Chemical Physics Letters</i> , 1992, 193, 461-468.	2.6	13
84	Eosin Y Triplet State as a Probe of Spatial Heterogeneity in Microcrystalline Cellulose. <i>Photochemistry and Photobiology</i> , 2012, 88, 831-839.	2.5	13
85	Li-N doped and codoped TiO <sub>2</sub> thin films deposited by dip-coating: Characterization and photocatalytic activity under halogen lamp. <i>Applied Surface Science</i> , 2014, 314, 910-918.	6.1	13
86	Studies on the Synthesis, Photophysical and Biological Evaluation of Some Unsymmetrical Meso-Tetrasubstituted Phenyl Porphyrins. <i>Molecules</i> , 2017, 22, 1815.	3.8	13
87	Synthesis, photochemical and in vitro cytotoxic evaluation of benzoselenazole-based aminosquaraines. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 336-342.	2.9	13
88	New luminescent tetracoordinate boron complexes: an in-depth experimental and theoretical characterisation and their application in OLEDs. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3960-3983.	6.0	13
89	Surface photochemistry: Dibenzo-p-dioxin adsorbed onto silicalite, cellulose and silica. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 186, 254-262.	3.9	12
90	Surface photochemistry of pesticides containing 4-chlorophenoxy chromophore. <i>Journal of Hazardous Materials</i> , 2010, 179, 187-191.	12.4	12

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91	Surface Photochemistry: 3,3'-Dialkylthia and Selenocarbocyanine Dyes Adsorbed onto Microcrystalline Cellulose. <i>International Journal of Molecular Sciences</i> , 2012, 13, 596-611.	4.1	12
92	Surface Photochemistry of Pesticides: An Approach Using Diffuse Reflectance and Chromatography Techniques. <i>Environmental Science &amp; Technology</i> , 2004, 38, 2849-2856.	10.0	11
93	Electron-transfer mechanism of the triplet state quenching of aluminium tetrasulfonated phthalocyanine by cytochrome c. <i>Biophysical Chemistry</i> , 2006, 122, 143-155.	2.8	11
94	Photolysis of 4-chloroanisole in the presence of oxygen. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 182, 88-92.	3.9	11
95	Photophysical Properties and In Vitro Phototherapeutic Effects of Iodoquinoline- and Benzothiazole-Derived Unsymmetrical Squaraine Cyanine Dyes. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5414.	2.5	11
96	Quinoline- and Benzoselenazole-Derived Unsymmetrical Squaraine Cyanine Dyes: Design, Synthesis, Photophysical Features and Light-Triggerable Antiproliferative Effects against Breast Cancer Cell Lines. <i>Materials</i> , 2020, 13, 2646.	2.9	11
97	Kinetics of Triplet-Triplet Annihilation of Tetraphenylporphyrin in Liquid and Frozen Films of Decanol on the External Surface of Zeolite. <i>Fast Probe Diffusion in Monolayers and Polycrystals. Journal of Physical Chemistry A</i> , 2003, 107, 328-336.	2.5	10
98	Phloxine B as a Probe for Entrapment in Microcrystalline Cellulose. <i>Molecules</i> , 2012, 17, 1602-1616.	3.8	10
99	One-Step Cathodic and Anodic Synthesis of Hydrophilic Carbon Nanomaterials. <i>ChemElectroChem</i> , 2017, 4, 2693-2702.	3.4	10
100	Kinetics of return intersystem electron transfer in triplet radical ion pairs in solution and on silica. Surface effect on bell-shaped energy-gap dependence. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1994, 82, 137-147.	3.9	9
101	In vitro phototherapeutic effects of indolenine-based mono- and dithiosquaraine cyanine dyes against Caco-2 and HepG2 human cancer cell lines. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101844.	2.6	9
102	Cotton fibres functionalized with plasmonic nanoparticles to promote the destruction of harmful molecules: an overview. <i>Nanotechnology Reviews</i> , 2019, 8, 671-680.	5.8	9
103	Photophysics of Cyanine Dyes on Surfaces: Laser-Induced Photoisomer Emission of 3,3'-Dialkylthiacarbocyanines Adsorbed on Microcrystalline Cellulose. <i>Collection of Czechoslovak Chemical Communications</i> , 1999, 64, 459-473.	1.0	8
104	Photodegradation of 1-nitropyrene in solution and in the adsorbed state. <i>Journal of Hazardous Materials</i> , 2002, 95, 175-184.	12.4	8
105	Surface photochemistry: alloxazine within nanochannels of Na <sup>+</sup> and H <sup>+</sup> ZSM-5 zeolites. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 5762.	2.8	8
106	Modified biopolymer adsorbent for the removal of dissolved organic pollutants. <i>International Journal of Environmental Technology and Management</i> , 2010, 12, 163.	0.2	8
107	Surface photochemical studies of nano-hybrids of A3B porphyrins and Fe <sub>3</sub> O <sub>4</sub> silica-coated nanoparticles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 387, 112152.	3.9	8
108	Surface photochemistry of the herbicide napropamide. The role of the media and environmental factors in directing the fates of intermediates. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 69-75.	2.9	7



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109	Photophysical Studies of a New Water Soluble Indocarbocyanine Dye Adsorbed onto Microcrystalline Cellulose and beta-Cyclodextrin. <i>Molecules</i> , 2013, 18, 5648-5668.	3.8	7
110	Islamic ceramics in Portugal found at Silves Castle (8th to 13th c.): An archaeometric characterization. <i>Journal of Archaeological Science: Reports</i> , 2016, 8, 434-443.	0.5	7
111	Photochemical behaviour of a new 1,2,3,4-tetrahydroxanthylum fluorescent dye with a rhodamine-like structure in liquid media and adsorbed onto a TiO <sub>2</sub> photo-responsive substrate. <i>Dyes and Pigments</i> , 2016, 128, 279-288.	3.7	7
112	Structural, Morphological, Optical and Photocatalytic Properties of Y, N-Doped and Codoped TiO <sub>2</sub> Thin Films. <i>Materials</i> , 2017, 10, 600.	2.9	7
113	Portuguese Blue – Blue 16th – 17th Century Pottery. <i>Archaeometry</i> , 2018, 60, 695-712.	1.3	7
114	4. Photonic and electronic spectroscopies for the characterization of organic surfaces and organic molecules adsorbed on surfaces. <i>Experimental Methods in the Physical Sciences</i> , 2001, , 269-354.	0.1	6
115	Photochemistry of benzophenone on Ti-MCM-41 surfaces. <i>Microporous and Mesoporous Materials</i> , 2006, 89, 143-149.	4.4	6
116	Surface photochemistry: Benzophenone within nanochannels of H <sup>+</sup> and Na <sup>+</sup> ZSM-5 zeolites. <i>Microporous and Mesoporous Materials</i> , 2009, 119, 82-90.	4.4	6
117	A multi-technique study for the spectroscopic characterization of the ceramics from Santa Maria do Castelo church (Torres Novas, Portugal). <i>Journal of Archaeological Science: Reports</i> , 2016, 6, 182-189.	0.5	6
118	Cotton fabrics decorated with nanostructured Ag/AgX (X:Cl,Br) as reusable solar light-mediated bactericides: A comparative study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 196, 111342.	5.0	6
119	Energy transfer from mesitylene and benzene to 9,10-diphenylanthracene. The influence of donor concentration. <i>Journal of Luminescence</i> , 1986, 35, 301-309.	3.1	5
120	Spectroscopic studies of mixed pyrochlore-oxide (Y/Gd) <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> samples prepared via sol-gel and solid-state methodologies and calcined at different temperatures. <i>Materials Chemistry and Physics</i> , 2013, 138, 507-513.	4.0	5
121	A new fifteenth-to-sixteenth-century pottery kiln on the Tagus basin, Portugal. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	5
122	An archaeometric study of the Phoenician ceramics found at the São Jorge Castle's hill in Lisbon. <i>Ceramics International</i> , 2020, 46, 7659-7666.	4.8	5
123	Spectroscopic Analysis of Parathyroid and Thyroid Tissues by Ground-State diffuse Reflectance and Laser Induced Luminescence: a Preliminary Report. <i>Journal of Fluorescence</i> , 2021, 31, 1235-1239.	2.5	5
124	Solution and surface photochemistry of fenarimol: A comparative study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 186, 278-282.	3.9	4
125	Photochemical /Photocytotoxicity Studies of New Tetrapyrrolic Structures as Potential Candidates for Cancer Theranostics. <i>Current Drug Discovery Technologies</i> , 2020, 17, 661-669.	1.2	4
126	Energy transfer from 2-ethylnaphthalene and naphthalene to 9,10-diphenylanthracene in low and high concentrations of the donors. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1988, 42, 111-116.	3.9	3



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127	Singlet energy transfer from 1,5-diphenyl-3-(styryl)-2-pyrazoline to a disulphone magenta dye. Journal of Photochemistry and Photobiology A: Chemistry, 1988, 45, 223-232.	3.9	3
128	Surface Photochemistry: Benzophenone as a Probe for the Study of Modified Cellulose Fibres. Research Letters in Physical Chemistry, 2007, 2007, 1-5.	0.3	3
129	Surface photochemistry: Diffuse reflectance studies of thioketones included into p-tert-butylcalix[6 and 8]arenes. Journal of Molecular Structure, 2007, 827, 11-19.	3.6	3
130	DSM as a probe for the characterization of modified mesoporous silicas. Microporous and Mesoporous Materials, 2012, 161, 139-147.	4.4	3
131	Surface photochemistry: p-Hydroxystilbazol within nanochannels of Na <sup>+</sup> and H <sup>+</sup> ZSM-5 zeolites. Microporous and Mesoporous Materials, 2012, 151, 317-324.	4.4	3
132	Surface photochemistry: Ketones included within a channel type solid support, the aluminophosphate AlPO <sub>4</sub> -5. Journal of Molecular Structure, 2007, 831, 1-9.	3.6	2
133	Luminescence and diffuse reflectance studies of biacetyl included within p-tert-butylcalixarenes. Journal of Luminescence, 2010, 130, 2251-2255.	3.1	2
134	Spectroscopic characterization of amphorae from the 8th to the 7th c. BCE found at the Almaraz settlement in Almada, Portugal. Journal of Archaeological Science: Reports, 2018, 21, 166-174.	0.5	2
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