Danilo Dini

List of Publications by Year in Descending Order

176 papers	5,074 citations	41 h-index	61 g-index
194 ext. papers	5,877 ext. citations	5.7 avg, IF	6.09 L-index

#	Paper	IF	Citations
176	Copper-Free Halodediazoniation of Arenediazonium Tetrafluoroborates in Deep Eutectic Solvents-like Mixtures.. *Molecules*, **2022**, 27,	4.8	2
175	Xanthan-Based Hydrogel for Stable and Efficient Quasi-Solid Truly Aqueous Dye-Sensitized Solar Cell with Cobalt Mediator. *Solar Rrl*, **2021**, 5, 2000823	7.1	38
174	Assessing the Structure of Protic Ionic Liquids Based on Triethylammonium and Organic Acid Anions. *Journal of Physical Chemistry B*, **2021**, 125, 2781-2792	3.4	8
173	Impact of P3HT Regioregularity and Molecular Weight on the Efficiency and Stability of Perovskite Solar Cells. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 5061-5073	8.3	14
172	Dopant-Free All-Organic Small-Molecule HTMs for Perovskite Solar Cells: Concepts and Structure–Property Relationships. *Energies*, **2021**, 14, 2279	3.1	6
171	EQCM Analysis of the Process of Electrochemical Insertion in Regioregular Alkyl-Susbtituted Polyterthiophene during n-Doping. *Journal of the Electrochemical Society*, **2021**, 168, 052506	3.9	4
170	Polymeric Dopant-Free Hole Transporting Materials for Perovskite Solar Cells: Structures and Concepts towards Better Performances. *Polymers*, **2021**, 13,	4.5	4
169	Modified P3HT materials as hole transport layers for flexible perovskite solar cells. *Journal of Power Sources*, **2021**, 494, 229735	8.9	10
168	Evidence of Solid-State Polymerization in Regioregular Poly-3?,4?-Didodecyl-2,2?:5?,2??-Terthiophene During Electrochemical Cycling. *Journal of the Electrochemical Society*, **2021**, 168, 066521	3.9	1
167	Lignin-Based Polymer Electrolyte Membranes for Sustainable Aqueous Dye-Sensitized Solar Cells. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 8550-8560	8.3	39
166	Novel DPP derivatives functionalized with auxiliary electron-acceptor groups and characterized by narrow bandgap and ambipolar charge transport properties. *Dyes and Pigments*, **2021**, 186, 109026	4.6	2
165	The unseen evidence of Reduced Ionicity: The elephant in (the) room temperature ionic liquids. *Journal of Molecular Liquids*, **2021**, 324, 115069	6	9
164	Methoxy-substituted copper complexes as possible redox mediators in dye-sensitized solar cells. *New Journal of Chemistry*, **2021**, 45, 15303-15311	3.6	7
163	NiO/ZrO2 nanocomposites as photocathodes of tandem DSCs with higher photoconversion efficiency with respect to parent single-photoelectrode p-DSCs. *Sustainable Energy and Fuels*, **2021**, 5, 4736-4748	5.8	2
162	Xanthan-Based Hydrogel for Stable and Efficient Quasi-Solid Truly Aqueous Dye-Sensitized Solar Cell with Cobalt Mediator. *Solar Rrl*, **2021**, 5, 2170074	7.1	6
161	EQCM Analysis of the Insertion Phenomena in a -Doped Poly-Alkyl-Terthiophene With Regioregular Pattern of Substitution. *Frontiers in Chemistry*, **2021**, 9, 711426	5	1
160	In Situ Measurement of the Conductance of Regioregular Poly-3?,4?-didodecyl-2,2?:5?,2??-terthiophene during Potentiodynamic Growth. *Journal of the Electrochemical Society*, **2021**, 168, 082507	3.9	1

159	How do arenediazonium salts behave in deep eutectic solvents? A combined experimental and computational approach. *Journal of Molecular Liquids*, **2021**, 339, 116743	6	5
158	Review Multiscale Characterization of Li-Ion Batteries through the Combined Use of Atomic Force Microscopy and X-ray Microscopy and Considerations for a Correlative Analysis of the Reviewed Data. *Journal of the Electrochemical Society*, **2021**, 168, 126522	3.9	2
157	A combined electrochemical, infrared and EDXD tool to disclose Deep Eutectic Solvents formation when one precursor is liquid: Glyceline as case study. *Journal of Molecular Liquids*, **2020**, 319, 114292	6	7
156	Ion Migration-Induced Amorphization and Phase Segregation as a Degradation Mechanism in Planar Perovskite Solar Cells. *Advanced Energy Materials*, **2020**, 10, 2000310	21.8	56
155	Deep eutectic solvents (DES) as green extraction media for antioxidants electrochemical quantification in extra-virgin olive oils. *Talanta*, **2020**, 215, 120880	6.2	13
154	Electrochemically Deposited NiO Films as a Blocking Layer in -Type Dye-Sensitized Solar Cells with an Impressive 45% Fill Factor. *Nanomaterials*, **2020**, 10,	5.4	18
153	Anodically electrodeposited NiO nanoflakes as hole selective contact in efficient air processed p-i-n perovskite solar cells. *Solar Energy Materials and Solar Cells*, **2020**, 205, 110288	6.4	16
152	Towards an ink-based method for the deposition of ZnxCd1-xS buffer layers in CZTS solar cells. *Journal of Materials Science: Materials in Electronics*, **2020**, 31, 2575-2582	2.1	2
151	New pyran-based molecules as both n- and p-type sensitizers in semi-transparent Dye Sensitized Solar Cells. *Dyes and Pigments*, **2020**, 175, 108140	4.6	11
150	Contact Glow Discharge Electrolysis: Effect of Electrolyte Conductivity on Discharge Voltage. *Catalysts*, **2020**, 10, 1104	4	4
149	Photoanodes for Aqueous Solar Cells: Exploring Additives and Formulations Starting from a Commercial TiO Paste. *ChemSusChem*, **2020**, 13, 6562-6573	8.3	52
148	Progress, highlights and perspectives on NiO in perovskite photovoltaics. *Chemical Science*, **2020**, 11, 7746-7759	9.4	58
147	Thermosetting Polyurethane Resins as Low-Cost, Easily Scalable, and Effective Oxygen and Moisture Barriers for Perovskite Solar Cells. *ACS Applied Materials & Interfaces*, **2020**, 12, 54862-54875	9.5	12
146	Recent advances in eco-friendly and cost-effective materials towards sustainable dye-sensitized solar cells. *Green Chemistry*, **2020**, 22, 7168-7218	10	147
145	Application of Metal-Organic Frameworks and Covalent Organic Frameworks as (Photo)Active Material in Hybrid Photovoltaic Technologies. *Energies*, **2020**, 13, 5602	3.1	8
144	Hydrogel Electrolytes Based on Xanthan Gum: Green Route towards Stable Dye-Sensitized Solar Cells. *Nanomaterials*, **2020**, 10,	5.4	84
143	A new electrochemical sensor for extra-virgin olive oils classification. *Food Control*, **2020**, 109, 106903	6.2	3
142	Flexible Interfaces between Reduced Graphene Oxide and Indium Tin Oxide/Polyethylene Terephthalate for Advanced Optoelectronic Devices. *ACS Applied Nano Materials*, **2019**, 2, 5963-5972	5.6	7

141	In-Depth Physico-Chemical and Structural Investigation of a Dicarboxylic Acid/Choline Chloride Natural Deep Eutectic Solvent (NADES): A Spotlight on the Importance of a Rigorous Preparation Procedure. *ACS Sustainable Chemistry and Engineering*, **2019**,	8.3	7
140	Nanocomposites of Nickel Oxide and Zirconia for the Preparation of Photocathodes with Improved Performance in p-Type Dye-Sensitized Solar Cells. *Journal of the Electrochemical Society*, **2019**, 166, D290-D300	3.9	8
139	Sodium Hydroxide Pretreatment as an Effective Approach to Reduce the Dye/Holes Recombination Reaction in P-Type DSCs. *Frontiers in Chemistry*, **2019**, 7, 99	5	5
138	Dual effect of humidity on cesium lead bromide: enhancement and degradation of perovskite films. *Journal of Materials Chemistry A*, **2019**, 7, 12292-12302	13	46
137	Stability and Dark Hysteresis Correlate in NiO-Based Perovskite Solar Cells. *Advanced Energy Materials*, **2019**, 9, 1901642	21.8	41
136	From Bulk to Surface: Sodium Treatment Reduces Recombination at the Nickel Oxide/Perovskite Interface. *Advanced Materials Interfaces*, **2019**, 6, 1900789	4.6	29
135	Investigating the electrodeposition mechanism of anodically grown NiOOH films on transparent conductive oxides. *Electrochimica Acta*, **2019**, 319, 175-184	6.7	16
134	Statistic-Driven Proton Transfer Affecting Nanoscopic Organization in an Ethylammonium Nitrate Ionic Liquid and 1,4-Diaminobutane Binary Mixture: A Steamy Pizza Model. *Symmetry*, **2019**, 11, 1425	2.7	5
133	Adsorption Dynamics of Redox Active Species onto Polarized Surfaces of Sensitized NiO. *ACS Omega*, **2019**, 4, 1690-1699	3.9	2
132	Biologically friendly room temperature ionic liquids and nanomaterials for the development of innovative enzymatic biosensors: Part II. *Talanta*, **2019**, 194, 26-31	6.2	22
131	Conjugated macrocyclic materials with photoactivated optical absorption for the control of energy transmission delivered by pulsed radiations. *Journal of Photochemistry and Photobiology C: Photochemistry Reviews*, **2018**, 35, 56-73	16.4	12
130	Effect of Sodium Hydroxide Pretreatment of NiOx Cathodes on the Performance of Squaraine-Sensitized p-Type Dye-Sensitized Solar Cells. *ChemistrySelect*, **2018**, 3, 1066-1075	1.8	6
129	Oxidative dissolution of NiO in aqueous electrolyte: An impedance study. *Journal of Electroanalytical Chemistry*, **2018**, 816, 205-214	4.1	6
128	Integration of graphene onto silicon through electrochemical reduction of graphene oxide layers in non-aqueous medium. *Applied Surface Science*, **2018**, 445, 404-414	6.7	21
127	Inverted perovskite solar cells with transparent hole transporting layer based on semiconducting nickel oxide **2018**,		7
126	New pyran-based dyes as efficient sensitizers of p-type dye-sensitized solar cells. *Solar Energy*, **2018**, 169, 237-241	6.8	16
125	X-Ray structure and ionic conductivity studies of anhydrous and hydrated choline chloride and oxalic acid deep eutectic solvents. *Physical Chemistry Chemical Physics*, **2018**, 20, 30120-30124	3.6	22
124	Electrochemical and Photoelectrochemical Properties of Nickel Oxide (NiO) With Nanostructured Morphology for Photoconversion Applications. *Frontiers in Chemistry*, **2018**, 6, 601	5	29

123	Effect of Sensitization on the Electrochemical Properties of Nanostructured NiO. *Coatings*, **2018**, 8, 232	2.9	3
122	Tuning optical and electronic properties in novel carbazole photosensitizers for p-type dye-sensitized solar cells. *Electrochimica Acta*, **2018**, 292, 805-816	6.7	55
121	Research Progress on Photosensitizers for DSSC. *Frontiers in Chemistry*, **2018**, 6, 481	5	132
120	Study of the Influence of the I-Based Electrolyte Composition on the Photoconversion Properties of p-Type Dye-Sensitized Solar Cells. *Journal of the Electrochemical Society*, **2018**, 165, H889-H896	3.9	11
119	First Evidence of Electrode Reconstruction in Mesoporous NiO After Operation as Photocathode of Dye-Sensitized Solar Cells. *ChemistrySelect*, **2018**, 3, 6729-6736	1.8	5
118	Surface properties of nanostructured NiO undergoing electrochemical oxidation in 3-methoxy-propionitrile. *Applied Surface Science*, **2017**, 403, 441-447	6.7	24
117	Electrochemical and Photoelectrochemical Properties of Screen-Printed Nickel Oxide Thin Films Obtained from Precursor Pastes with Different Compositions. *Journal of the Electrochemical Society* , **2017**, 164, H137-H147	3.9	35
116	KuQuinones as sensitizers for NiO based p-type dye-sensitized solar cells. *New Journal of Chemistry*, **2017**, 41, 2769-2779	3.6	22
115	Effect of Alkyl Chain Length on the Sensitizing Action of Substituted Non-Symmetric Squaraines for p-Type Dye-Sensitized Solar Cells. *ChemElectroChem*, **2017**, 4, 2385-2397	4.3	14
114	X-ray photoelectron spectroscopy investigation of nanoporous NiO electrodes sensitized with Erythrosine B. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2017**, 532, 464-471	5.1	12
113	Limits on the use of cobalt sulfide as anode of p-type dye-sensitized solar cells. *Journal Physics D: Applied Physics*, **2017**, 50, 215501	3	7
112	Pristine and Al-doped hematite printed films as photoanodes of p-type dye-sensitized solar cells. *Journal of Nanoparticle Research*, **2017**, 19, 1	2.3	12
111	First Examples of Pyran Based Colorants as Sensitizing Agents ofp-Type Dye-Sensitized Solar Cells. *Journal of the Electrochemical Society*, **2017**, 164, F1412-F1418	3.9	11
110	Nanostructured Semiconductor Materials for Dye-Sensitized Solar Cells. *Journal of Nanomaterials*, **2017**, 2017, 1-31	3.2	71
109	Intriguing transport dynamics of ethylammonium nitrate-acetonitrile binary mixtures arising from nano-inhomogeneity. *Physical Chemistry Chemical Physics*, **2017**, 19, 27212-27220	3.6	19
108	Influence of the Conditions of Sensitization on the Characteristics ofp-DSCs Sensitized with Asymmetric Squaraines. *Journal of the Electrochemical Society*, **2017**, 164, H1099-H1111	3.9	5
107	Nonlinear Optical Materials for the Smart Filtering of Optical Radiation. *Chemical Reviews*, **2016**, 116, 13043-13233	68.1	329
106	Adsorption Behavior of I and I Ions at a Nanoporous NiO/Acetonitrile Interface Studied by X-ray Photoelectron Spectroscopy. *Langmuir*, **2016**, 32, 11540-11550	4	29

105	A comprehensive comparison of dye-sensitized NiO photocathodes for solar energy conversion. *Physical Chemistry Chemical Physics*, **2016**, 18, 10727-38	3.6	116
104	Nanostructured p-Type Semiconductor Electrodes and Photoelectrochemistry of Their Reduction Processes. *Energies*, **2016**, 9, 373	3.1	41
103	Beneficial Effect of Electron-Withdrawing Groups on the Sensitizing Action of Squaraines for p-Type Dye-Sensitized Solar Cells. *Journal of Physical Chemistry C*, **2016**, 120, 16340-16353	3.8	41
102	An open-source equipment for thin film fabrication by electrodeposition, dip coating, and SILAR. *International Journal of Advanced Manufacturing Technology*, **2016**, 87, 2901-2909	3.2	3
101	Cu2 □kS films as counter-electrodes for dye solar cells with ferrocene-based liquid electrolytes. *Thin Solid Films*, **2016**, 612, 22-28	2.2	20
100	Cobalt Sulfide as Counter Electrode in p-Type Dye-Sensitized Solar Cells. *ChemistrySelect*, **2016**, 1, 2808-2815	1.8	16
99	The influence of the preparation method of NiOx photocathodes on the efficiency of p-type dye-sensitized solar cells. *Coordination Chemistry Reviews*, **2015**, 304-305, 179-201	23.2	73
98	Isoindigo derivatives for application in p-type dye sensitized solar cells. *RSC Advances*, **2015**, 5, 85530-85539	3.7	43
97	Photoelectrochemical characterization of squaraine-sensitized nickel oxide cathodes deposited via screen-printing for p -type dye-sensitized solar cells. *Applied Surface Science*, **2015**, 356, 911-920	6.7	36
96	Comparison of the photoelectrochemical properties of RDS NiO thin films for p-type DSCs with different organic and organometallic dye-sensitizers and evidence of a direct correlation between cell efficiency and charge recombination. *Journal of Solid State Electrochemistry*, **2015**, 19, 975-986	2.6	40
95	Photoelectrochemical properties of mesoporous NiO x deposited on technical FTO via nanopowder sintering in conventional and plasma atmospheres. *SpringerPlus*, **2015**, 4, 564		17
94	Electrochemical Characterization of Nanoporous Nickel Oxide Thin Films Spray-Deposited onto Indium-Doped Tin Oxide for Solar Conversion Scopes. *Advances in Condensed Matter Physics*, **2015**, 2015, 1-18	1	19
93	Electrochemical Characterization of Rapid Discharge Sintering (RDS) NiO Cathodes for Dye-Sensitized Solar Cells of <i>p</i>-Type. *American Journal of Analytical Chemistry*, **2015**, 06, 176-187	0.7	24
92	CHAPTER 12:Metallosupramolecular Assemblies for Application as Photocatalysts for the Production of Solar Fuels. *RSC Smart Materials*, **2015**, 345-396	0.6	1
91	Fabrication of Efficient NiO Photocathodes Prepared via RDS with Novel Routes of Substrate Processing for p-Type Dye-Sensitized Solar Cells. *ChemElectroChem*, **2014**, 1, 384-391	4.3	47
90	Photoelectrochemical Response of DSSCs Under Prolonged Reverse Bias and Conduction Band Lowering in Ru-Complex-Sensitized TiO2. *ChemElectroChem*, **2014**, 1, 1388-1394	4.3	8
89	Probing the redox states at the surface of electroactive nanoporous NiO thin films. *ACS Applied Materials & Interfaces*, **2014**, 6, 143-52	9.5	109
88	Electrodeposited ZnO with squaraine sentisizers as photoactive anode of DSCs. *Materials Research Express*, **2014**, 1, 015040	1.7	36

87	Synthesis and Functionalization of Corroles. An Insight on Their Nonlinear Optical Absorption Properties. *Current Organic Synthesis*, **2014**, 11, 29-41	1.9	17
86	Dye sensitised solar cells with nickel oxide photocathodes prepared via scalable microwave sintering. *Physical Chemistry Chemical Physics*, **2013**, 15, 2411-20	3.6	62
85	Spray-deposited NiO x films on ITO substrates as photoactive electrodes for p-type dye-sensitized solar cells. *Journal of Applied Electrochemistry*, **2013**, 43, 191-197	2.6	34
84	Electrochemical characterization of NiO electrodes deposited via a scalable powder microblasting technique. *Journal of Electroanalytical Chemistry*, **2013**, 689, 185-192	4.1	27
83	Recent progress in the development of bimetallic photocatalysts for hydrogen generation. *Dalton Transactions*, **2013**, 42, 16243-54	4.3	64
82	Emission spectra and transient photovoltage in dye-sensitized solar cells under stress tests. *Journal of Applied Electrochemistry*, **2013**, 43, 209-215	2.6	11
81	Wavelength dependent photocatalytic H2 generation using iridium-Pt/Pd complexes. *Dalton Transactions*, **2012**, 41, 12678-80	4.3	25
80	Application of a novel microwave plasma treatment for the sintering of nickel oxide coatings for use in dye-sensitized solar cells. *Surface and Coatings Technology*, **2011**, 205, S245-S249	4.4	42
79	Application of circular dichroism spectroscopy in the study of mixed-valence asymmetric ruthenium polypyridyl complexes. *Inorganic Chemistry*, **2011**, 50, 5861-3	5.1	11
78	Excited state localization and internuclear interactions in asymmetric ruthenium(II) and osmium(II) bpy/tpy based dinuclear compounds. *Inorganic Chemistry*, **2010**, 49, 2799-807	5.1	23
77	Synthesis and high ranked NLT properties of new sulfonamide-substituted indium phthalocyanines. *Inorganica Chimica Acta*, **2010**, 363, 3945-3950	2.7	15
76	Tetrabrominated lead naphthalocyanine for optical power limiting. *Chemistry - A European Journal*, **2010**, 16, 1212-20	4.8	31
75	Deposition and characterization of NiOx coatings by magnetron sputtering for application in dye-sensitized solar cells. *Surface and Coatings Technology*, **2010**, 204, 2729-2736	4.4	49
74	Nonlinear absorption properties and excited state dynamics of ferrocene. *Journal of Physical Chemistry A*, **2009**, 113, 9286-94	2.8	25
73	Self-Healing of Gold Nanoparticles in the Presence of Zinc Phthalocyanines and Their Very Efficient Nonlinear Absorption Performances. *Journal of Physical Chemistry C*, **2009**, 113, 8688-8695	3.8	43
72	Spectroelectrochemical properties of homo- and heteroleptic ruthenium and osmium binuclear complexes: intercomponent communication as a function of energy differences between HOMO levels of bridge and metal centres. *Dalton Transactions*, **2009**, 4146-53	4.3	15
71	Indium phthalocyanines with different axial ligands: a study of the influence of the structure on the photophysics and optical limiting properties. *Journal of Physical Chemistry A*, **2008**, 112, 8515-22	2.8	30
70	Large two-photon absorption cross sections of hemiporphyrazines in the excited state: the multiphoton absorption process of hemiporphyrazines with different central metals. *Journal of the American Chemical Society*, **2008**, 130, 12290-8	16.4	35

69	Photophysics and nonlinear optical properties of tetra- and octabrominated silicon naphthalocyanines. *Journal of Physical Chemistry A*, **2008**, 112, 472-80	2.8	30
68	Tetra-2,3-pyrazinoporphyrazines with externally appended pyridine rings. 6. Chemical and redox properties and highly effective photosensitizing activity for singlet oxygen production of penta- and monopalladated complexes in dimethylformamide solution. *Inorganic Chemistry*, **2008**, 47, 8757-66	5.1	32
67	Axial halogen ligand effect on photophysics and optical power limiting of some indium naphthalocyanines. *Journal of Physical Chemistry A*, **2007**, 111, 3263-70	2.8	35
66	NLO Behavior of Polymers Containing Y-Shaped Chromophores. *Macromolecular Chemistry and Physics*, **2007**, 208, 1900-1907	2.6	20
65	Optical switching of a photochromic bis-phenylazo compound in PMMA films. *Journal of Materials Science*, **2007**, 42, 7866-7871	4.3	4
64	The steady-state and time-resolved photophysical properties of a dimeric indium phthalocyanine complex. *Materials Chemistry and Physics*, **2006**, 98, 212-216	4.4	11
63	Demonstration of the optical limiting effect for an hemiporphyrazine. *Chemical Communications*, **2006**, 2394-6	5.8	23
62	Analysis of the nonlinear transmission properties of some naphthalocyanines. *Journal of Porphyrins and Phthalocyanines*, **2006**, 10, 1165-1171	1.8	25
61	Orientation of Differently Substituted Phthalocyanines: First Layers and Thin Films. *Molecular Crystals and Liquid Crystals*, **2006**, 455, 241-249	0.5	6
60	Nonlinear transmission of a tetrabrominated naphthalocyaninato indium chloride. *Journal of Physical Chemistry B*, **2006**, 110, 12230-9	3.4	37
59	Molecular orientation of substituted phthalocyanines: Influence of the substrate roughness. *Surface Science*, **2006**, 600, 4024-4029	1.8	29
58	Soluble axially substituted phthalocyanines: Synthesis and nonlinear optical response. *Journal of Materials Science*, **2006**, 41, 2169	4.3	82
57	Synthesis, DFT calculations, linear and nonlinear optical properties of binuclear phthalocyanine gallium chloride. *Journal of Molecular Modeling*, **2006**, 12, 543-50	2	26
56	Synthesis of axially substituted gallium, indium and thallium phthalocyanines with nonlinear optical properties. *Arkivoc*, **2006**, 2006, 77-96	0.9	5
55	Electrochemiluminescence from Organic Emitters. *Chemistry of Materials*, **2005**, 17, 1933-1945	9.6	88
54	Nonlinear optical properties of tetrapyrazinoporphyrazinato indium chloride complexes due to excited-state absorption processes. *Journal of Physical Chemistry B*, **2005**, 109, 12691-6	3.4	59
53	Synthesis of axially substituted tetrapyrazinoporphyrazinato metal complexes for optical limiting and study of their photophysical properties. *Journal of Physical Chemistry B*, **2005**, 109, 5425-32	3.4	34
52	Synthesis, characterization and optical limiting properties of a gallium phthalocyanine dimer. *Journal of Materials Chemistry*, **2005**, 15, 683		47

51	Nonlinear optical effects related to saturable and reverse saturable absorption by subphthalocyanines at 532 nm. *Chemical Communications*, **2005**, 3796-8	5.8	42
50	Orientation of substituted phthalocyanines on polycrystalline gold: distinguishing between the first layers and thin films. *Chemical Physics Letters*, **2005**, 403, 1-6	2.5	37
49	Alkyl chain effects in thin films of substituted phthalocyanines studied using infrared spectroscopy. *Applied Surface Science*, **2005**, 252, 139-142	6.7	6
48	Synthesis of a Bisphthalocyanine and Its Nonlinear Optical Properties. *European Journal of Organic Chemistry*, **2005**, 2005, 3499-3509	3.2	46
47	Fluorinated Naphthalocyanines Displaying Simultaneous Reverse Saturable Absorption at 532 and 1064 nm. *Advanced Materials*, **2005**, 17, 875-879	24	31
46	Influence of the alkyl-chains length on the electronic structure and interface properties of 1,4-octasubstituted zinc phthalocyanines on gold. *Journal of Applied Physics*, **2005**, 97, 073715	2.5	22
45	Tetra-t-butyl magnesium phthalocyanine on gold: electronic structure and molecular orientation. *Journal of Chemical Physics*, **2005**, 122, 064710	3.9	28
44	Optical Limiting of Transition Metal-Phthalocyanine Complexes: A Photochromic Effect involving the Excited State of the Conjugated Molecule. *Molecular Crystals and Liquid Crystals*, **2005**, 431, 559-574	0.5	13
43	Tetra-2,3-pyrazinoporphyrazines with externally appended pyridine rings. 2. Metal complexes of tetrakis-2,3-[5,6-di(2-pyridyl)pyrazino]porphyrazine: linear and nonlinear optical properties and electrochemical behavior. *Inorganic Chemistry*, **2004**, 43, 8637-48	5.1	70
42	Excited state properties of monomeric and dimeric axially bridged indium phthalocyanines upon UV-Vis laser irradiation. *Chemical Communications*, **2004**, 340-1	5.8	29
41	Simultaneous reverse saturable absorption of fluorinated naphthalocyanines at 532 and 1064 nm **2004**,		1
40	Phthalocyanines as materials for advanced technologies: some examples. *Journal of Porphyrins and Phthalocyanines*, **2004**, 08, 915-933	1.8	67
39	Stacked Polymeric Phthalocyanines: Synthesis and Structure-Related Properties **2003**, 251-280		11
38	Physical Properties of Phthalocyanine-based Materials **2003**, 1-36		23
37	Conjugated Molecules for the Smart Filtering of Intense Radiations. *International Journal of Molecular Sciences*, **2003**, 4, 291-300	6.3	10
36	Synthesis and nonlinear optical properties of fluorine-containing naphthalocyanines. *Chemistry - A European Journal*, **2003**, 9, 2758-62	4.8	44
35	Phthalocyanines and related compounds as switchable materials upon strong irradiation: the molecular engineering behind the optical limiting effect. *Solid State Ionics*, **2003**, 165, 289-303	3.3	45
34	Synthesis and characterization of (octaaryltetraazaporphyrinato)indium(III) complexes for optical limiting. *Inorganic Chemistry*, **2003**, 42, 2683-94	5.1	64

33	Porphyrazines with annulated diazepine rings. 2. Alternative synthetic route to tetrakis-2,3-(5,7-diphenyl-1,4-diazepino)porphyrazines: new metal complexes, general physicochemical data, ultraviolet-visible linear and optical limiting behavior, and electrochemical and spectroelectrochemical properties. *Journal of the American Chemical Society*, **2003**, 125, 14190-204	16.4	67
32	Perfluorinated phthalocyanines for optical limiting: Evidence for the direct correlation between substituent electron withdrawing character and the nonlinear optical effect. *Journal of Chemical Physics*, **2003**, 119, 4857-4864	3.9	57
31	Synthesis and optical limiting properties of axially bridged phthalocyanines: [(tBu4PcGa)2O] and [(tBu4PcIn)2O]. *Chemistry - A European Journal*, **2002**, 8, 4248-54	4.8	61
30	An Easy Route for the Synthesis of New Axially Substituted Titanium(IV) Phthalocyanines. *European Journal of Organic Chemistry*, **2002**, 2002, 3756-3762	3.2	54
29	Anodic and Cathodic Electrochemically Generated Chemiluminescence in Conjugated Polymers. *Advanced Functional Materials*, **2002**, 12, 299	15.6	14
28	Conjugated macrocycles as active materials in nonlinear optical processes: optical limiting effect with phthalocyanines and related compounds. *Chemical Record*, **2002**, 2, 129-48	6.6	87
27	Electrochemical Generation of Light in Conjugated Polymers. *ACS Symposium Series*, **2002**, 103-112	0.4	2
26	. *European Journal of Organic Chemistry*, **2001**, 2001, 3759-3769	3.2	143
25	Electrochemiluminescence of conjugated polymer. *Synthetic Metals*, **2001**, 121, 1685-1686	3.6	8
24	Use of the bending-beam-method for the study of the anodic oxidation of Si in dilute fluoride media. *Electrochimica Acta*, **2000**, 45, 4607-4613	6.7	7
23	A comparative study of isomeric polydialkylterthiophenes with regular regiochemistry of substitution. Electrochemical synthesis. *Polymer*, **2000**, 41, 6473-6480	3.9	14
22	Nucleation of solution convection channels as the first step in electro-hydrodynamic pattern formation. *Physical Chemistry Chemical Physics*, **2000**, 2, 1183-1186	3.6	6
21	In-situ detection of stress in oxide films during Si electrodissolution in acidic fluoride electrolytes. *Journal of Electroanalytical Chemistry*, **1999**, 474, 182-187	4.1	21
20	Stress changes in electrochromic thin film electrodes:. *Solar Energy Materials and Solar Cells*, **1999**, 56, 213-221	6.4	11
19	EQCM Characterization of some substituted polyterthiophenes. *Electrochimica Acta*, **1999**, 44, 1911-1917	6.7	16
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