Pawel Wagner

List of Publications by Year
in descending order

162 papers	4,528 citations	126907 33 h-index	114465 63 g-index
168 all docs	168 docs citations	168 times ranked	6425 citing authors

#	Article	IF	Citations
1	Highly Efficient Porphyrin Sensitizers for Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2007, 111, 11760-11762.	3.1	691
2	A Single Component Conducting Polymer Hydrogel as a Scaffold for Tissue Engineering. Advanced Functional Materials, 2012, 22, 2692-2699.	14.9	254
3	Porphyrins for dye-sensitised solar cells: new insights into efficiency-determining electron transfer steps. Chemical Communications, 2012, 48, 4145.	4.1	215
4	Steric Modification of a Cobalt Phthalocyanine/Graphene Catalyst To Give Enhanced and Stable Electrochemical CO₂ Reduction to CO. ACS Energy Letters, 2019, 4, 666-672.	17.4	183
5	Znâˆ’Zn Porphyrin Dimer-Sensitized Solar Cells: Toward 3-D Light Harvesting. Journal of the American Chemical Society, 2009, 131, 15621-15623.	13.7	177
6	Energy efficient electrochemical reduction of CO₂ to CO using a three-dimensional porphyrin/graphene hydrogel. Energy and Environmental Science, 2019, 12, 747-755.	30.8	125
7	The origin of open circuit voltage of porphyrin-sensitised TiO2 solar cells. Chemical Communications, 2008, , 4741.	4.1	97
8	A Multiswitchable Poly(terthiophene) Bearing a Spiropyran Functionality: Understanding Photo- and Electrochemical Control. Journal of the American Chemical Society, 2011, 133, 5453-5462.	13.7	96
9	Injection Limitations in a Series of Porphyrin Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2010, 114, 3276-3279.	3.1	94
10	Ionic liquid electrolyte porphyrin dye sensitised solar cells. Chemical Communications, 2010, 46, 3146.	4.1	92
11	A Porphyrin/Graphene Framework: A Highly Efficient and Robust Electrocatalyst for Carbon Dioxide Reduction. Advanced Energy Materials, 2018, 8, 1801280.	19.5	88
12	Silica Nanoparticles Functionalized with Zwitterionic Sulfobetaine Siloxane for Application as a Versatile Antifouling Coating System. ACS Applied Materials & Interfaces, 2017, 9, 18584-18594.	8.0	87
13	Novel Regiospecific MDMOâˆ’PPV Copolymer with Improved Charge Transport for Bulk Heterojunction Solar Cells. Journal of Physical Chemistry B, 2004, 108, 5235-5242.	2.6	86
14	An erodible polythiophene-based composite for biomedical applications. Journal of Materials Chemistry, 2011, 21, 5555.	6.7	83
15	An intermediate band dye-sensitised solar cell using tripletâ€“triplet annihilation. Physical Chemistry Chemical Physics, 2015, 17, 24826-24830.	2.8	77
16	Highly Stretchable Conducting SIBSâ€P3HT Fibers. Advanced Functional Materials, 2011, 21, 955-962.	14.9	76
17	Photoâ€Chemopropulsion â€“ Lightâ€Stimulated Movement of Microdroplets. Advanced Materials, 2014, 26, 7339-7345.	21.0	64
18	High Molar Extinction Coefficient Ruthenium Sensitizers for Thin Film Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2009, 113, 1998-2003.	3.1	61

#	Article	IF	Citations
19	Determining the Orientation and Molecular Packing of Organic Dyes on a TiO₂ Surface Using X-ray Reflectometry. Langmuir, 2011, 27, 12944-12950.	3.5	57
20	Novel nanographene/porphyrin hybrids â€“ preparation, characterization, and application in solar energy conversion schemes. Chemical Science, 2013, 4, 3085.	7.4	57
21	Direct exfoliation of graphite with a porphyrin â€“ creating functionalizable nanographene hybrids. Chemical Communications, 2012, 48, 8745.	4.1	56
22	Coexistence of Femtosecond- and Nonelectron-Injecting Dyes in Dye-Sensitized Solar Cells: Inhomogeniety Limits the Efficiency. Journal of Physical Chemistry C, 2011, 115, 22084-22088.	3.1	53
23	Functionalised polyterthiophenes as anode materials in polymer/polymer batteries. Synthetic Metals, 2010, 160, 76-82.	3.9	51
24	Conjugated polymers based on new thienylene â€“ PPV derivatives for solar cell applications. Electrochemistry Communications, 2002, 4, 912-916.	4.7	49
25	Improved performance of porphyrin-based dye sensitised solar cells by phosphinic acid surface treatment. Energy and Environmental Science, 2009, 2, 1069.	30.8	49
26	Moving Droplets in 3D Using Light. Advanced Materials, 2018, 30, e1801821.	21.0	49
27	Significant Performance Improvement of Porphyrin-Sensitized TiO₂ Solar Cells under White Light Illumination. Journal of Physical Chemistry C, 2011, 115, 317-326.	3.1	42
28	A novel donorâ€“acceptor carbazole and benzothiadiazole material for deep red and infrared emitting applications. Journal of Materials Chemistry C, 2016, 4, 2219-2227.	5.5	40
29	Linker Conjugation Effects in Rhenium(I) Bifunctional Holeâ€Transport/Emitter Molecules. Chemistry - A European Journal, 2009, 15, 3682-3690.	3.3	39
30	A Porphyrinâ€Doped Polymer Catalyzes Selective, Lightâ€Assisted Water Oxidation in Seawater. Angewandte Chemie - International Edition, 2012, 51, 1907-1910.	13.8	39
31	Design and engineering of water-soluble light-harvesting protein maquettes. Chemical Science, 2017, 8, 316-324.	7.4	38
32	Electrodeposition of pyrrole and 3-(4-tert-butylphenyl)thiophene copolymer for supercapacitor applications. Synthetic Metals, 2012, 162, 2216-2221.	3.9	36
33	Zwitterion Functionalized Silica Nanoparticle Coatings: The Effect of Particle Size on Protein, Bacteria, and Fungal Spore Adhesion. Langmuir, 2019, 35, 1335-1345.	3.5	35
34	Synthesis, Characterization, and Photophysics of Oxadiazole- and Diphenylaniline-Substituted Re(I) and Cu(I) Complexes. Inorganic Chemistry, 2013, 52, 1304-1317.	4.0	34
35	Remarkable synergistic effects in a mixed porphyrin dye-sensitized TiO2 film. Applied Physics Letters, 2011, 98, .	3.3	33
36	A Spectroscopic and Computational Study of the Neutral and Radical Cation Species of Conjugated Aryl-Substituted 2,5-Bis(2-thien-2-ylethenyl)thiophene-Based Oligomers. Journal of Physical Chemistry A, 2007, 111, 7171-7180.	2.5	31

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37	Indanedione-Substituted Poly(terthiophene)s: Processable Conducting Polymers with Intramolecular Charge Transfer Interactions. Macromolecules, 2010, 43, 3817-3827.	4.8	30
38	Enhanced performance of dye-sensitized solar cells using carbazole-substituted di-chromophoric porphyrin dyes. Journal of Materials Chemistry A, 2014, 2, 16963-16977.	10.3	30
39	Enhancement of dye regeneration kinetics in dichromophoric porphyrinâ€“carbazole triphenylamine dyes influenced by more exposed radical cation orbitals. Chemical Science, 2016, 7, 3506-3516.	7.4	29
40	Controlled delivery of drugs adsorbed onto porous Fe 3 O 4 structures by application of AC/DC magnetic fields. Microporous and Mesoporous Materials, 2016, 226, 243-250.	4.4	27
41	Disorder engineering of undoped TiO₂nanotube arrays for highly efficient solar-driven oxygen evolution. Physical Chemistry Chemical Physics, 2015, 17, 5642-5649.	2.8	24
42	Polypyrrole/Co-tetraphenylporphyrin modified carbon fibre paper as a fuel cell electrocatalyst of oxygen reduction. Electrochemistry Communications, 2008, 10, 519-522.	4.7	23
43	Tuning the optical properties of ZnTPP using carbonyl ring fusion. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 74, 931-935.	3.9	23
44	Magnetic nanoparticles for â€œsmart liposomesâ€• European Biophysics Journal, 2015, 44, 647-654.	2.2	23
45	Towards Hydrogen Energy: Progress on Catalysts for Water Splitting. Australian Journal of Chemistry, 2012, 65, 577.	0.9	22
46	A light-assisted, polymeric water oxidation catalyst that selectively oxidizes seawater with a low onset potential. Chemical Science, 2013, 4, 2797.	7.4	22
47	Porphyrin dye-sensitised solar cells utilising a solid-state electrolyte. Chemical Communications, 2011, 47, 9327.	4.1	20
48	Cation Exchange at Semiconducting Oxide Surfaces: Origin of Light-Induced Performance Increases in Porphyrin Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2013, 117, 11885-11898.	3.1	20
49	Transformation of 5,5-diaryl-4,5-dihydro-1,2,4-oxadiazoles to 4-arylquinazolines. Tetrahedron Letters, 2003, 44, 2015-2017.	1.4	19
50	Resonance Raman Studies of Î²-Substituted Porphyrin Systems with Unusual Electronic Absorption Properties. ChemPhysChem, 2006, 7, 2358-2365.	2.1	19
51	Dichromophoric Zinc Porphyrins: Filling the Absorption Gap between the Soret and Q Bands. Journal of Physical Chemistry C, 2015, 119, 5350-5363.	3.1	19
52	Highly ordered mesoporous carbon/iron porphyrin nanoreactor for the electrochemical reduction of CO₂. Journal of Materials Chemistry A, 2020, 8, 14966-14974.	10.3	19
53	Electrochemical CO₂ Reduction Catalyzed by Copper Molecular Complexes: The Influence of Ligand Structure. Energy & Fuels, 2022, 36, 4653-4676.	5.1	19
54	Reduction of aromatic nitrocompounds by sodium borohydride in methanol in the presence of sodium methoxide. Tetrahedron, 1996, 52, 9541-9552.	1.9	18

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55	Why Do Some Alkoxybromothiophenes Spontaneously Polymerize?. Australian Journal of Chemistry, 2011, 64, 335.	0.9	18
56	Systematic elongation of thienyl linkers and their effect on optical and electrochemical properties in carbazoleâ€"BODIPY donorâ€"acceptor systems. RSC Advances, 2016, 6, 36500-36509.	3.6	18
57	Exploiting Intermolecular Interactions between Alkyl-Functionalized Redox-Active Molecule Pairs to Enhance Interfacial Electron Transfer. Journal of the American Chemical Society, 2018, 140, 13935-13944.	13.7	18
58	Synthesis and characterization of novel styryl-substituted oligothienylenevinylenes. Tetrahedron, 2006, 62, 2190-2199.	1.9	17
59	A Nonconjugated Bridge in Dimer-Sensitized Solar Cells Retards Charge Recombination without Decreasing Charge Injection Efficiency. ACS Applied Materials & Interfaces, 2013, 5, 10824-10829.	8.0	17
60	Electrochemically Induced Synthesis of Poly(2,6-carbazole). Macromolecular Rapid Communications, 2015, 36, 1749-1755.	3.9	17
61	Novel Regiospecific MDMO-PPV Polymers with Improved Charge Transport Properties for Bulk Heterojunction Solar Cells. Synthetic Metals, 2005, 153, 81-84.	3.9	16
62	Novel fullerene-functionalised poly(terthiophenes). Journal of Electroanalytical Chemistry, 2007, 599, 79-84.	3.8	16
63	Probing Donorâ€"Acceptor Interactions in <i>meso</i>-Substituted Zn(II) Porphyrins Using Resonance Raman Spectroscopy and Computational Chemistry. Journal of Physical Chemistry C, 2015, 119, 22379-22391.	3.1	16
64	Electrochemical and optical aspects of cobalt meso-carbazole substituted porphyrin complexes. Electrochimica Acta, 2020, 330, 135140.	5.2	16
65	Excited-State Switching Frustrates the Tuning of Properties in Triphenylamine-Donor-Ligand Rhenium(I) and Platinum(II) Complexes. Inorganic Chemistry, 2020, 59, 6736-6746.	4.0	16
66	An alternative synthesis of Î²-pyrrolic acetylene-substituted porphyrins. Tetrahedron Letters, 2008, 49, 5632-5635.	1.4	15
67	A merocyanine-based conductive polymer. Journal of Materials Chemistry C, 2013, 1, 3913.	5.5	15
68	Two different modes of halogen bonding in two 4-nitroimidazole derivatives. Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, o454-o457.	0.4	14
69	Enhanced Electron Lifetimes in Dye-Sensitized Solar Cells Using a Dichromophoric Porphyrin: The Utility of Intermolecular Forces. ACS Applied Materials & Interfaces, 2015, 7, 22078-22083.	8.0	14
70	Electrochemical and photoelectronic studies on C60-pyrrolidine-functionalised poly(terthiophene). Electrochimica Acta, 2014, 141, 51-60.	5.2	13
71	Oximes as intermediates or final products in reactions of nitroheteroarenes with nucleophiles in the presence of sodium methoxideâ€methanol system. Journal of Heterocyclic Chemistry, 2003, 40, 523-528.	2.6	12
72	Synergistic Effect of Alkyl Chain Barriers on Heteroleptic Ruthenium Dyes and Co^{3+/2+} Complex Mediators for Reduced Charge Recombination in Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2020, 124, 23013-23026.	3.1	11

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73	Structural and electronic properties of substituted terthiophenes. Synthetic Metals, 2005, 154, 325-328.	3.9	10
74	Effect of Ï€-conjugation on electrochemical properties of poly(terthiophene)s 3â€²-substituted with fullerene C 60. Journal of Electroanalytical Chemistry, 2016, 772, 103-109.	3.8	10
75	Modulation of Donor-Acceptor Distance in a Series of Carbazole Push-Pull Dyes; A Spectroscopic and Computational Study. Molecules, 2018, 23, 421.	3.8	10
76	Significant Effect of Electronic Coupling on Electron Transfer between Surface-Bound Porphyrins and Co^{2+/3+} Complex Electrolytes. Journal of Physical Chemistry C, 2020, 124, 9178-9190.	3.1	10
77	Amphiphilic Zinc Porphyrin Singleâ€Walled Carbon Nanotube Hybrids: Efficient Formation and Excited State Charge Transfer Studies. Small, 2021, 17, 2005648.	10.0	10
78	Flexible Tuning of Unsaturated Î²â€Substituents on Zn Porphyrins: A Synthetic, Spectroscopic and Computational Study. Chemistry - A European Journal, 2015, 21, 15622-15632.	3.3	9
79	Mono and di-substituted BODIPY with electron donating carbazole, thiophene, and 3,4-ethylenedioxythiophene units. Electrochimica Acta, 2018, 271, 685-698.	5.2	9
80	Light soaking effect driven in porphyrin dye-sensitized solar cells using 1D TiO2 nanotube photoanodes. Sustainable Materials and Technologies, 2020, 24, e00165.	3.3	9
81	Carbazole-substituted dialkoxybenzodithiophene dyes for efficient light harvesting and the effect of alkoxy tail length. Dyes and Pigments, 2021, 186, 109002.	3.7	9
82	Substrate-Dependent Electron-Transfer Rate of Mixed-Ligand Electrolytes: Tuning Electron-Transfer Rate without Changing Driving Force. Journal of the American Chemical Society, 2021, 143, 488-495.	13.7	9
83	Air-to-air enthalpy exchangers: Membrane modification using metal-organic frameworks, characterisation and performance assessment. Journal of Cleaner Production, 2021, 293, 126157.	9.3	9
84	Raman Spectroscopy of Short-Lived Terthiophene Radical Cations Generated by Photochemical and Chemical Oxidation. ChemPhysChem, 2006, 7, 1276-1285.	2.1	8
85	Synergistic Amplification of Water Oxidation Catalysis on Pt by a Thin-Film Conducting Polymer Composite. ACS Applied Energy Materials, 2018, 1, 4235-4246.	5.1	8
86	The Effect of the Dielectric Environment on Electron Transfer Reactions at the Interfaces of Molecular Sensitized Semiconductors in Electrolytes. Journal of Physical Chemistry C, 2020, 124, 6979-6992.	3.1	8
87	Electrocatalyst Derived from NiCuâ€"MOF Arrays on Graphene Oxide Modified Carbon Cloth for Water Splitting. Inorganics, 2022, 10, 53.	2.7	8
88	A flip-disorder in the structure of 3-[2-(anthracen-9-yl)ethenyl]thiophene. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o5745-o5747.	0.2	7
89	Modulation of Electronic Properties in Neutral and Oxidized Oligothiophenes Substituted with Conjugated Polyaromatic Hydrocarbons. Journal of Physical Chemistry A, 2007, 111, 2385-2397.	2.5	7
90	A novel modified terpyridine derivative as a model molecule to study kinetic-based optical spectroscopic ion determination methods. Synthetic Metals, 2016, 219, 101-108.	3.9	7

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91	Synergistic amplification of catalytic hydrogen generation by a thin-film conducting polymer composite. Catalysis Science and Technology, 2018, 8, 4169-4179.	4.1	7
92	Aldehyde isomers of porphyrin: A spectroscopic and computational study. Journal of Molecular Structure, 2018, 1173, 665-670.	3.6	7
93	When â€œDonorâ€"Acceptorâ€• Dyes Delocalize: A Spectroscopic and Computational Study of Dâ€"A Dyes Using â€œMichlerâ€™s Baseâ€•. Journal of Physical Chemistry A, 2019, 123, 5957-5968.	2.5	7
94	Rapid spatially-resolved post-synthetic patterning of metalâ€"organic framework films. Chemical Communications, 2021, 57, 4706-4709.	4.1	7
95	A Phosphonated Poly(ethylenedioxythiophene) Derivative with Low Oxidation Potential for Energy-Efficient Bioelectronic Devices. Chemistry of Materials, 2022, 34, 140-151.	6.7	7
96	2,5-Di-2-thienylthiazolo[4,5-d]thiazole. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, o91-o92.	0.4	6
97	Spectroscopic and density functional theory study of functionalized thiophene-benzene derivatives. Journal of Raman Spectroscopy, 2005, 36, 445-452.	2.5	6
98	Experimental and Computational Studies of Substituted Terthiophene Oligomers as Electroluminescent Materials. Synthetic Metals, 2005, 153, 225-228.	3.9	6
99	2,5-Bis(2-cyano-2-thienylvinyl)thiophene. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o5931-o5932.	0.2	6
100	1-(2â€²-Aminophenyl)- and 1-(2â€²-hydroxyphenyl)-2-methyl-4-nitroimidazole: Crystallizing with two molecules in the asymmetric unit. Journal of Molecular Structure, 2008, 876, 134-139.	3.6	6
101	Electronic Studies on Oligothienylenevinylenes: Understanding the Nature of Their Ground and Excited Electronic States. ChemPhysChem, 2009, 10, 1901-1910.	2.1	6
102	A Novel Covalently Linked Zn Phthalocyanineâ€Zn Porphyrin Dyad for Dyeâ€sensitized Solar Cells. Israel Journal of Chemistry, 2016, 56, 175-180.	2.3	6
103	Computational and Spectroscopic Analysis of Î²-Indandione Modified Zinc Porphyrins. Journal of Physical Chemistry A, 2018, 122, 4448-4456.	2.5	6
104	Dual Droplet Functionality: Phototaxis and Photopolymerization. ACS Applied Materials & Interfaces, 2019, 11, 31484-31489.	8.0	6
105	Synergistic Amplification of Oxygen Generation in (Photo)Catalytic Water Splitting by a PEDOT/Nanoâ€Co 3 O 4 /MWCNT Thin Film Composite. ChemCatChem, 2020, 12, 1580-1584.	3.7	6
106	Investigation of Ferrocene Linkers in Î²-Substituted Porphyrins. Journal of Physical Chemistry A, 2020, 124, 5513-5522.	2.5	6
107	Synergistic amplification of (photo)catalytic oxygen and hydrogen generation from water by thin-film polypyrrole composites. Molecular Catalysis, 2020, 490, 110955.	2.0	6
108	Modified silica nanoparticle coatings: Dual antifouling effects of self-assembled quaternary ammonium and zwitterionic silanes. Biointerphases, 2020, 15, 021009.	1.6	6

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109	Electrochemical and Spectroelectrochemical Studies on the Reactivity of Perimidineâ€“Carbazoleâ€“Thiophene Monomers towards the Formation of Multidimensional Macromolecules versus Stable Ï€-Dimeric States. Materials, 2021, 14, 2167.	2.9	6
110	Solid State Photon Up-Conversion Emission from Chromophore-Tethered PPV Films. Journal of Physical Chemistry C, 2021, 125, 14538-14548.	3.1	6
111	Crystal packing of two 5-substituted 2-methyl-4-nitro-1<i>H</i>-imidazoles. Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, o445-o447.	0.4	5
112	Decoloration rates of a photomerocyanine dye as a visual probe into hydrogen bonding interactions. Chemical Communications, 2015, 51, 4815-4818.	4.1	5
113	Carboxybetaine functionalized nanosilicas as protein resistant surface coatings. Biointerphases, 2020, 15, 011001.	1.6	5
114	Photocontrolled directional transport using water-in-oil droplets. New Journal of Chemistry, 2021, 45, 1172-1175.	2.8	5
115	Electrochemical actuation properties of a novel solution-processable polythiophene. Electrochimica Acta, 2007, 53, 1830-1836.	5.2	4
116	Raman frequency dispersion studies of substituted polythiophene films. International Journal of Nanotechnology, 2009, 6, 344.	0.2	4
117	Application of terpyridyl ligands to tune the optical and electrochemical properties of a conducting polymer. RSC Advances, 2018, 8, 29505-29512.	3.6	4
118	Polyterthiophenes Crossâ€Linked with Terpyridyl Metal Complexes for Molecular Architecture of Optically and Electrochemically Tunable Materials. ChemElectroChem, 2020, 7, 4453-4459.	3.4	4
119	Reactive Extrusion Printing for Simultaneous Crystallizationâ€Deposition of Metalâ€Organic Frameworks Films. Angewandte Chemie - International Edition, 2022, , .	13.8	4
120	N-Benzoylthiourea. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, o83-o84.	0.4	3
121	Facile synthesis of acetylene-substituted terthiophenes. Tetrahedron Letters, 2007, 48, 6245-6248.	1.4	3
122	Flip-type disorder in 3-substituted 2,2â€²:5â€²,2â€²â€²-terthiophenes. Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, o400-o404.	0.4	3
123	The electronic characterization of conjugated aryl-substituted 2,5-bis(2-thien-2-ylethenyl) thiophene-based oligomers. Journal of Molecular Structure, 2013, 1047, 80-86.	3.6	3
124	Studies of poly(3,4-ethylenedioxythiophene) (PEDOT) films containing cationic Mn porphyrins. A loading-dependent demetalation of Mn(III)TPP in PEDOT (Mn(III)TPP=5,10,15,20-tetraphenylporphyrinato) Tj ETQq0 0 0 rgBT /Overlock	0.8	3
125	Synthesis and Lightâ€Harvesting Potential of Cyanovinyl Î²â€Substituted Porphyrins and Dyads. European Journal of Organic Chemistry, 2017, 2017, 5750-5762.	2.4	3
126	Aesthetically Pleasing, Visible Light Transmissive, Luminescent Solar Concentrators Using a BODIPY Derivative. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800551.	1.8	3

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127	The impact of insufficient time resolution on dye regeneration lifetime determined using transient absorption spectroscopy. Physical Chemistry Chemical Physics, 2021, 23, 13001-13010.	2.8	3
128	Electrochemical studies of novel thiophene-tetrazine donor-acceptor hybrids. Tetrahedron Letters, 2021, 68, 152905.	1.4	3
129	Terthiophene Derivative-Based Photoinitiating Systems for Free Radical and Cationic Polymerization under Blue LEDs. Industrial & Engineering Chemistry Research, 2021, 60, 8733-8742.	3.7	3
130	Exohedral Functionalization of Fullerene by Substituents Controlling of Molecular Organization for Spontaneous C60 Dimerization in Liquid Crystal Solutions and in a Bulk Controlled by a Potential. Polymers, 2021, 13, 2816.	4.5	3
131	Biofunctional conducting polymers: synthetic advances, challenges, and perspectives towards their use in implantable bioelectronic devices. Advances in Physics: X, 2021, 6, .	4.1	3
132	Two 1-substituted 4-nitroimidazoles. Acta Crystallographica Section C: Crystal Structure Communications, 2001, 57, 106-108.	0.4	3
133	s-Tetrazine donor-acceptor electrodeposited layer with properties controlled by doping anions generally considered as interchangeable. Electrochimica Acta, 2022, 405, 139788.	5.2	3
134	2-Methyl-4-nitro-1-(4-nitrophenyl)-1H-imidazole. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3083-o3083.	0.2	2
135	Photocatalytic oxygen evolution from non-potable water by a bioinspired molecular water oxidation catalyst. Journal of Molecular Catalysis A, 2011, , .	4.8	2
136	Designed Conducting Polymer Composites That Facilitate Long-Lived, Light-Driven Oxygen and Hydrogen Evolution from Water in a Photoelectrochemical Concentration Cell (PECC). Journal of Composites Science, 2019, 3, 108.	3.0	2
137	Emulating photosynthetic processes with light harvesting synthetic protein (maquette) assemblies on titanium dioxide. Materials Advances, 2020, 1, 1877-1885.	5.4	2
138	Second-order programming the synthesis of metalâ€“organic frameworks. Chemical Communications, 2020, 56, 12355-12358.	4.1	2
139	Optical analysis of an integrated solar cell and a photon up converter, providing guidance for future device engineering efforts. Journal of Applied Physics, 2021, 130, 194501.	2.5	2
140	Molecular Geometry Dependent Electronic Coupling and Reorganization Energy for Electron Transfer between Dye Molecule Adsorbed on TiO2 Electrode and Co Complex in Electrolyte Solutions. Journal of Physical Chemistry C, 0, , .	3.1	2
141	1-Phenyl-4-imidazolidinone (Z)-Oxime. Acta Crystallographica Section C: Crystal Structure Communications, 1996, 52, 1462-1464.	0.4	1
142	3-Methyl-5-nitrouracil. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o1257-o1259.	0.2	1
143	Electrochemical and UVâ€“Vis/ESR spectroelectrochemical properties of thienylenevinylenes substituted by a 4-cyanostyryl group. Electrochimica Acta, 2011, 56, 4445-4450.	5.2	1
144	1-(3-Chlorophenyl)-2-methyl-4-nitro-1H-imidazole-5-carboxamide. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2626-o2626.	0.2	1

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145	Light Harvesting and Light Activatable Protein Maquettes Designed fromÂScratch. Biophysical Journal, 2013, 104, 531a.	0.5	1
146	Demetallatation of electrochemically polymerised Mn porphyrin anion / PEDOT composites under light-illumination. Synthetic Metals, 2017, 228, 58-63.	3.9	1
147	Use of alkylated, amphiphilic zinc porphyrins to disperse individualized SWCNTs. Journal of Porphyrins and Phthalocyanines, 2018, 22, 573-580.	0.8	1
148	Investigations of electrochemical and spectroelectrochemical properties (UV-Vis, EPR) of thiophene trimer derivatives substituted with phenylvinyl groups. Polimery, 2009, 54, 209-215.	0.7	1
149	Enhanced Interfacial Electron Transfer Kinetics Between Co^{2+/3}+ Complexes and Organic Dyes with Free Space Near Their Backbone. Physical Chemistry Chemical Physics, 2022, , .	2.8	1
150	1,4-Bis[(1-methyl-1-phenylethyl)peroxymethyl]benzene. Acta Crystallographica Section C: Crystal Structure Communications, 2002, 58, o549-o550.	0.4	0
151	Transformation of 5,5-Diaryl-4,5-dihydro-1,2,4-oxadiazoles to 4-Arylquinazolines.. ChemInform, 2003, 34, no.	0.0	0
152	1-(4-Chlorophenyl)-2-methyl-4-nitro-5-(1-piperidyl)-1H-imidazole. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o509-o511.	0.4	0
153	1,8,14,20-Tetraoxa-11,23-dithiatricyclo[21.3.0.09,13]hexacosa-9,12,21,24-tetraene. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, o155-o156.	0.4	0
154	2-Methyl-4-nitro-1-(3-pyridyl)-1H-imidazole. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3454-o3454.	0.2	0
155	(Z)-2-Phenyl-3-(2,2â€²:5â€²,2â€²â€²-terthiophen-3â€²-yl)acrylonitrile. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3054-o3055.	0.2	0
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