Wim Dehaen

List of Publications by Year
in descending order

382 papers	15,193 citations	30070 54 h-index	27406 106 g-index
398 all docs	398 docs citations	398 times ranked	14411 citing authors

#	Article	IF	Citations
1	Fluorescent indicators based on BODIPY. Chemical Society Reviews, 2012, 41, 1130-1172.	38.1	1,942
2	A Microwave-Assisted Click Chemistry Synthesis of 1,4-Disubstituted 1,2,3-Triazoles via a Copper(I)-Catalyzed Three-Component Reaction. Organic Letters, 2004, 6, 4223-4225.	4.6	530
3	Static solvent contact angle measurements, surface free energy and wettability determination of various self-assembled monolayers on silicon dioxide. Thin Solid Films, 2006, 515, 1433-1438.	1.8	385
4	A Highly Potassium-Selective Ratiometric Fluorescent Indicator Based on BODIPY Azacrown Ether Excitable with Visible Light. Organic Letters, 2005, 7, 4377-4380.	4.6	297
5	Postfunctionalization of the BODIPY Core: Synthesis and Spectroscopy. European Journal of Organic Chemistry, 2015, 2015, 6577-6595.	2.4	264
6	Functionalisation of fluorescent BODIPY dyes by nucleophilic substitution. Chemical Communications, 2006, , 266-268.	4.1	255
7	Oxacalix[n](het)arenes. Chemical Society Reviews, 2008, 37, 2393.	38.1	238
8	Palladium-Catalyzed Coupling Reactions for the Functionalization of BODIPY Dyes with Fluorescence Spanning the Visible Spectrum. European Journal of Organic Chemistry, 2006, 2006, 4658-4663.	2.4	236
9	Synthesis of BODIPY dyes through postfunctionalization of the boron dipyrromethene core. Coordination Chemistry Reviews, 2019, 399, 213024.	18.8	231
10	The Uremic Retention Solute p-Cresyl Sulfate and Markers of Endothelial Damage. American Journal of Kidney Diseases, 2009, 54, 891-901.	1.9	219
11	Improved Template-Directed Synthesis of Cyclobis(paraquat-p-phenylene). Journal of Organic Chemistry, 1996, 61, 9591-9595.	3.2	212
12	Catalytic production of levulinic acid from cellulose and other biomass-derived carbohydrates with sulfonated hyperbranched poly(arylene oxindole)s. Energy and Environmental Science, 2011, 4, 3601.	30.8	208
13	A highly sensitive, selective, colorimetric and near-infrared fluorescent turn-on chemosensor for Cu2+ based on BODIPY. Chemical Communications, 2010, 46, 6329.	4.1	202
14	Ruthenium(II) Dendrimers Containing Carbazole-Based Chromophores as Branches. Journal of the American Chemical Society, 2003, 125, 5356-5365.	13.7	195
15	Self-Assembled Monolayers of Dendron Thiols for Electrodeposition of Gold Nanostructures:â€‰ Toward Fabrication of Superhydrophobic/Superhydrophilic Surfaces and pH-Responsive Surfaces. Langmuir, 2005, 21, 1986-1990.	3.5	178
16	A Metalâ€Free Threeâ€Component Reaction for the Regioselective Synthesis of 1,4,5â€Trisubstituted 1,2,3â€Triazoles. Angewandte Chemie - International Edition, 2014, 53, 10155-10159.	13.8	152
17	Dendrimers Made of Porphyrin Cores and Carbazole Chromophores as Peripheral Units. Absorption Spectra, Luminescence Properties, and Oxidation Behavior. Journal of the American Chemical Society, 2005, 127, 11352-11363.	13.7	144
18	Synthesis, Structure, Anion Binding, and Sensing by Calix[4]pyrrole Isomers. Journal of the American Chemical Society, 2006, 128, 11496-11504.	13.7	141

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19	Boron Dipyrromethene Analogs with Phenyl, Styryl, and Ethynylphenyl Substituents:â€‰ Synthesis, Photophysics, Electrochemistry, and Quantum-Chemical Calculations. Journal of Physical Chemistry A, 2007, 111, 8588-8597.	2.5	126
20	Organocatalytic routes toward substituted 1,2,3-triazoles. Chemical Communications, 2015, 51, 10797-10806.	4.1	124
21	1,7-Disubstituted Boron Dipyrromethene (BODIPY) Dyes: Synthesis and Spectroscopic Properties. Journal of Organic Chemistry, 2011, 76, 8168-8176.	3.2	116
22	Radical Cï£¿H Arylation of the BODIPY Core with Aryldiazonium Salts: Synthesis of Highly Fluorescent Redâ€Shifted Dyes. Angewandte Chemie - International Edition, 2015, 54, 4612-4616.	13.8	116
23	Synthesis of Meso-Halogenated BODIPYs and Access to Meso-Substituted Analogues. Organic Letters, 2012, 14, 6150-6153.	4.6	111
24	2â€•and 3â€Monohalogenated BODIPY Dyes and Their Functionalized Analogues: Synthesis and Spectroscopy. European Journal of Organic Chemistry, 2011, 2011, 4386-4396.	2.4	103
25	Efficient synthesis of aryldipyrromethanes in water and their application in the synthesis of corroles and dipyrromethenes. Arkivoc, 2007, 2007, 307-324.	0.5	100
26	A versatile, modular synthesis of monofunctionalized BODIPY dyes. Chemical Communications, 2009, , 4515.	4.1	99
27	Synthesis, Spectroscopy, Crystal Structure, Electrochemistry, and Quantum Chemical and Molecular Dynamics Calculations of a 3-Anilino Difluoroboron Dipyrromethene Dye. Journal of Physical Chemistry A, 2009, 113, 439-447.	2.5	98
28	Solvent-dependent photophysical properties of borondipyrromethene dyes in solution. Chemical Physics Letters, 2006, 420, 562-568.	2.6	96
29	Direct functionalization of BODIPY dyes by oxidative nucleophilic hydrogen substitution at the 3- or 3,5-positions. Chemical Communications, 2010, 46, 4908.	4.1	92
30	Selective Synthesis of Functionalized Thia- and Oxacalix[2]arene[2]pyrimidines. Organic Letters, 2006, 8, 4161-4164.	4.6	90
31	Direct palladium-catalysed Câ€“H arylation of BODIPY dyes at the 3- and 3,5-positions. Chemical Communications, 2012, 48, 9129.	4.1	87
32	N-Confused Calix[4]pyrroles. Angewandte Chemie - International Edition, 1999, 38, 3359-3361.	13.8	86
33	Transition-Metal-Free Sonogashira-Type Coupling Reactions in Water. European Journal of Organic Chemistry, 2003, 2003, 4713-4716.	2.4	85
34	Vicarious Nucleophilic Substitution of Î±-Hydrogen of BODIPY and Its Extension to Direct Ethenylation. Organic Letters, 2011, 13, 1470-1473.	4.6	80
35	A general metal-free route towards the synthesis of 1,2,3-triazoles from readily available primary amines and ketones. Chemical Communications, 2016, 52, 2885-2888.	4.1	80
36	The Rich Chemistry Resulting from the 1,3â€Dipolar Cycloaddition Reactions of Enamines and Azides. European Journal of Organic Chemistry, 2018, 2018, 262-294.	2.4	80

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37	Efficient Post-Macrocyclization Functionalizations of Oxacalix[2]arene[2]pyrimidines. Organic Letters, 2008, 10, 585-588.	4.6	79
38	Allobetulin and Its Derivatives: Synthesis and Biological Activity. Molecules, 2011, 16, 2443-2466.	3.8	74
39	Microwave-Enhanced Synthesis of N-Shifted Buflavine Analogues via a Suzukiâ^'Ring-Closing Metathesis Protocol. Organic Letters, 2005, 7, 2723-2726.	4.6	72
40	Synthesis and spectroscopic characterisation of BODIPYÂ® based fluorescent offâ€“on indicators with low affinity for calcium. Organic and Biomolecular Chemistry, 2005, 3, 2755.	2.8	71
41	Synthesis and photophysical characterization of chalcogen substituted BODIPY dyes. New Journal of Chemistry, 2009, 33, 1490.	2.8	69
42	Facile One-Pot Synthesis of 6-Monosubstituted and 6,12-Disubstituted 5,11-Dihydroindolo[3,2-b]carbazoles and Preparation of Various Functionalized Derivatives. Journal of Organic Chemistry, 2007, 72, 7207-7213.	3.2	68
43	Seleniumâ€“Platinum Coordination Dendrimers with Controlled Anti-Cancer Activity. ACS Applied Materials & Interfaces, 2016, 8, 3609-3614.	8.0	68
44	Solvent Extraction of Scandium(III) by an Aqueous Biphasic System with a Nonfluorinated Functionalized Ionic Liquid. Industrial & Engineering Chemistry Research, 2015, 54, 8988-8996.	3.7	66
45	The BOPHY fluorophore with double boron chelation: Synthesis and spectroscopy. Coordination Chemistry Reviews, 2018, 371, 1-10.	18.8	66
46	A single-step acid catalyzed reaction for rapid assembly of NH-1,2,3-triazoles. Chemical Communications, 2016, 52, 9236-9239.	4.1	65
47	Synthesis, biological evaluation and molecular modeling of a novel series of fused 1,2,3-triazoles as potential anti-coronavirus agents. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 3472-3476.	2.2	65
48	Thiol-promoted catalytic synthesis of diphenolic acid with sulfonated hyperbranched poly(arylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	4.1	64
49	8-HaloBODIPYs and Their 8-(C, N, O, S) Substituted Analogues: Solvent Dependent UVâ€“Vis Spectroscopy, Variable Temperature NMR, Crystal Structure Determination, and Quantum Chemical Calculations. Journal of Physical Chemistry A, 2014, 118, 1576-1594.	2.5	62
50	3,5-Dianilino Substituted Difluoroboron Dipyrromethene: Synthesis, Spectroscopy, Photophysics, Crystal Structure, Electrochemistry, and Quantum-Chemical Calculations. Journal of Physical Chemistry C, 2009, 113, 11731-11740.	3.1	61
51	Removal of the Uremic Retention Solute pâ€Cresol Using Fractionated Plasma Separation and Adsorption. Artificial Organs, 2008, 32, 214-219.	1.9	60
52	Synthesis of soluble oligocarbazole derivatives. Tetrahedron Letters, 2003, 44, 957-959.	1.4	58
53	Metalâ€Free Route for the Synthesis of 4â€Acylâ€1,2,3â€Triazoles from Readily Available Building Blocks. Chemistry - A European Journal, 2016, 22, 9966-9970.	3.3	57
54	Trihalide ionic liquids as non-volatile oxidizing solvents for metals. Green Chemistry, 2018, 20, 3327-3338.	9.0	56

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55	Tailoring pillararene-based receptors for specific metal ion binding: From recognition to supramolecular assembly. Coordination Chemistry Reviews, 2020, 415, 213313.	18.8	55
56	The Application of â€œClick Chemistryâ€•for the Decoration of 2(1H)-Pyrazinone Scaffold:Â Generation of Templates. ACS Combinatorial Science, 2005, 7, 490-502.	3.3	54
57	Selenacalix[3]triazines: synthesis and hostâ€“guest chemistry. Chemical Communications, 2012, 48, 43-45.	4.1	54
58	Ionic liquids as solvents for PPTA oligomers. Green Chemistry, 2016, 18, 1639-1652.	9.0	54
59	Development and validation of a fast ionic liquid-based dispersive liquidâ€“liquid microextraction procedure combined with LCâ€“MS/MS analysis for the quantification of benzodiazepines and benzodiazepine-like hypnotics in whole blood. Forensic Science International, 2017, 274, 44-54.	2.2	54
60	Radical Cï£¿H Alkylation of BODIPY Dyes Using Potassium Trifluoroborates or Boronic Acids. Chemistry - A European Journal, 2015, 21, 12667-12675.	3.3	53
61	Molecular design of sulfonated hyperbranched poly(arylene oxindole)s for efficient cellulose conversion to levulinic acid. Green Chemistry, 2016, 18, 1694-1705.	9.0	53
62	Fast catalytic conversion of recalcitrant cellulose into alkyl levulinates and levulinic acid in the presence of soluble and recoverable sulfonated hyperbranched poly(arylene oxindole)s. Green Chemistry, 2017, 19, 153-163.	9.0	53
63	Insights from Zebrafish and Mouse Models on the Activity and Safety of Ar-Turmerone as a Potential Drug Candidate for the Treatment of Epilepsy. PLoS ONE, 2013, 8, e81634.	2.5	53
64	A ratiometric, fluorescent BODIPY-based probe for transition and heavy metal ions. RSC Advances, 2016, 6, 7806-7816.	3.6	52
65	Synthesis of Multi(metallo)porphyrin Dendrimers through Nucleophilic Aromatic Substitution onmeso-Pyrimidinyl Substituted Porphyrins. Journal of Organic Chemistry, 2006, 71, 2987-2994.	3.2	51
66	Synthetic, Structural, and Photophysical Exploration of mesoâ€Pyrimidinylâ€Substituted AB₂â€Corroles. Chemistry - A European Journal, 2010, 16, 5691-5705.	3.3	51
67	An oxacalix[2]arene[2]pyrimidine-bis(Zn-porphyrin) tweezer as a selective receptor towards fullerene C70. Tetrahedron Letters, 2010, 51, 2423-2426.	1.4	51
68	Visible Absorption and Fluorescence Spectroscopy of Conformationally Constrained, Annulated BODIPY Dyes. Journal of Physical Chemistry A, 2012, 116, 9621-9631.	2.5	51
69	Artemisinin Analogues as Potent Inhibitors of In Vitro Hepatitis C Virus Replication. PLoS ONE, 2013, 8, e81783.	2.5	51
70	Synthesis of triterpenoid triazine derivatives from allobetulone and betulonic acid with biological activities. Bioorganic and Medicinal Chemistry, 2014, 22, 3292-3300.	3.0	51
71	Efficient Fragment Coupling Approaches toward Large Oxacalix[n]arenes (n = 6, 8). Organic Letters, 2009, 11, 1681-1684.	4.6	49
72	Methylated flavonoids as anti-seizure agents: Naringenin 4â€²,7-dimethyl ether attenuates epileptic seizures in zebrafish and mouse models. Neurochemistry International, 2018, 112, 124-133.	3.8	49

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73	Electroactive Dipyrromtheneâ€Cu(II) Monolayers Deposited onto Gold Electrodes for Voltammetric Determination of Paracetamol. Electroanalysis, 2008, 20, 2317-2323.	2.9	47
74	A facile and general method for the synthesis of 6,12-diaryl-5,11-dihydroindolo[3,2-b]carbazoles. Organic and Biomolecular Chemistry, 2009, 7, 380-385.	2.8	46
75	Oxidative Transformation to Naphthodithiophene and Thia[7]helicenes by Intramolecular Scholl Reaction of Substituted 1,2-Bis(2-thienyl)benzene Precursors. Journal of Organic Chemistry, 2013, 78, 11147-11154.	3.2	46
76	Fast and easy extraction of antidepressants from whole blood using ionic liquids as extraction solvent. Talanta, 2018, 180, 292-299.	5.5	46
77	Convenient and rapid microwave-assisted synthesis of pyrido-fused ring systems applying the tert-amino effect. Green Chemistry, 2004, 6, 125-127.	9.0	45
78	Design and synthesis of the novel oleanolic acid-cinnamic acid ester derivatives and glycyrrhetinic acid-cinnamic acid ester derivatives with cytotoxic properties. Bioorganic Chemistry, 2019, 88, 102951.	4.1	45
79	Photodecomposition of 10-Diazo-2-hexadecyl-anthrone on Graphite Studied by Scanning Tunneling Microscopy. Angewandte Chemie International Edition in English, 1994, 33, 2080-2083.	4.4	44
80	Synthesis, Spectroscopy, Crystal Structure Determination, and Quantum Chemical Calculations of BODIPY Dyes with Increasing Conformational Restriction and Concomitant Redâ€Shifted Visible Absorption and Fluorescence Spectra. Chemistry - an Asian Journal, 2010, 5, 2016-2026.	3.3	44
81	Tandem Organocatalyzed Knoevenagel Condensation/1,3â€Dipolar Cycloaddition towards Highly Functionalized Fused 1,2,3â€Triazoles. European Journal of Organic Chemistry, 2015, 2015, 4922-4930.	2.4	44
82	(Thio)ureido Anion Receptors Based on a 1,3-Alternate Oxacalix[2]arene[2]pyrimidine Scaffold. Journal of Organic Chemistry, 2012, 77, 2791-2797.	3.2	43
83	Regioselective synthesis of 5-trifluoromethyl-1,2,3-triazoles via CF3-directed cyclization of 1-trifluoromethyl-1,3-dicarbonyl compounds with azides. Tetrahedron, 2012, 68, 614-618.	1.9	43
84	Reactions of Î²â€Azolylenamines with Sulfonyl Azides as an Approach to Nâ€Unsubstituted 1,2,3â€Triazoles and Ethyleneâ€1,2â€diamines. European Journal of Organic Chemistry, 2014, 2014, 3684-3689.	2.4	43
85	Photophysics of 3,5-diphenoxy substituted BODIPY dyes in solution. Photochemical and Photobiological Sciences, 2007, 6, 1061.	2.9	42
86	Recovery of Gallium, Indium, and Arsenic from Semiconductors Using Tribromide Ionic Liquids. ACS Sustainable Chemistry and Engineering, 2019, 7, 14451-14459.	6.7	42
87	Metal-free syntheses ofN-functionalized andNH-1,2,3-triazoles: an update on recent developments. Chemical Communications, 2021, 57, 1568-1590.	4.1	42
88	Homogeneous liquidâ€“liquid extraction of metal ions with non-fluorinated bis(2-ethylhexyl)phosphate ionic liquids having a lower critical solution temperature in combination with water. Chemical Communications, 2015, 51, 14183-14186.	4.1	41
89	Ultrathin Single Bilayer Separation Membranes Based on Hyperbranched Sulfonated Poly(aryleneoxindole). Advanced Functional Materials, 2017, 27, 1605068.	14.9	41
90	European Association of Urology Position Paper on the Prevention of Infectious Complications Following Prostate Biopsy. European Urology, 2021, 79, 11-15.	1.9	41

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91	Synthetic Aspects of Porphyrin Dendrimers. European Journal of Organic Chemistry, 2009, 2009, 4719-4752.	2.4	40
92	Oligo(pâ€phenylene ethynylene)â€“BODIPY Derivatives: Synthesis, Energy Transfer, and Quantumâ€Chemical Calculations. Chemistry - A European Journal, 2011, 17, 13247-13257.	3.3	40
93	A Metalâ€Free Threeâ€Component Reaction for the Regioselective Synthesis of 1,4,5â€Trisubstituted 1,2,3â€Triazoles. Angewandte Chemie, 2014, 126, 10319-10323.	2.0	40
94	A liquid chromatography â€“ tandem mass spectrometry method to measure a selected panel of uremic retention solutes derived from endogenous and colonic microbial metabolism. Analytica Chimica Acta, 2016, 936, 149-156.	5.4	40
95	Indirect Coupling of the 2(1H)-pyrazinone Scaffold with Various (oligo)-saccharides via ?click chemistry?:en route towards Glycopeptidomimetics. QSAR and Combinatorial Science, 2004, 23, 915-918.	1.4	39
96	Homoselenacalix[n]arenes. Organic Letters, 2009, 11, 3040-3043.	4.6	38
97	Mechanistic Insights into the Kinetic and Regiochemical Control of the Thiol-Promoted Catalytic Synthesis of Diphenolic Acid. ACS Catalysis, 2012, 2, 2700-2704.	11.2	38
98	Exploring the Application of the Negishi Reaction of HaloBODIPYs: Generality, Regioselectivity, and Synthetic Utility in the Development of BODIPY Laser Dyes. Journal of Organic Chemistry, 2016, 81, 3700-3710.	3.2	38
99	Stability of ionic liquids in BrÃ¸nsted-basic media. Green Chemistry, 2020, 22, 5225-5252.	9.0	38
100	Small-molecule-based fluorescent probes for f-block metal ions: A new frontier in chemosensors. Coordination Chemistry Reviews, 2021, 427, 213524.	18.8	38
101	Neoadjuvant hormonal therapy before radical prostatectomy in high-risk prostate cancer. Nature Reviews Urology, 2021, 18, 739-762.	3.8	38
102	Coreâ€shell nanoparticles with hyperbranched poly(aryleneâ€oxindole) interiors. Journal of Polymer Science Part A, 2009, 47, 1120-1135.	2.3	37
103	Synthesis and Properties of Methoxyphenyl-Substituted Derivatives of Indolo[3,2-b]carbazole. Journal of Organic Chemistry, 2012, 77, 4924-4931.	3.2	37
104	UVâ€”vis spectroscopy of the coupling products of the palladium-catalyzed Câ€”H arylation of the BODIPY core. Photochemical and Photobiological Sciences, 2013, 12, 835-847.	2.9	37
105	Solvatochromism of BODIPY-Schiff Dye. Journal of Physical Chemistry B, 2015, 119, 2576-2584.	2.6	37
106	Recent Developments in the Chemistry of 1,2,3-Thiadiazoles. Advances in Heterocyclic Chemistry, 2018, , 109-172.	1.7	37
107	Reaction of heterocyclic thioamides with dimethyl acetylenedicarboxylate. Synthesis of novel 2-azolyl-5-methoxycarbonylmethylene thiazolin-4-ones. Tetrahedron, 2001, 57, 2179-2184.	1.9	36
108	A Convenient A2 + B3 Approach to Hyperbranched Poly(arylene oxindole)s. Macromolecular Rapid Communications, 2005, 26, 1458-1463.	3.9	36

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109	Efficient Synthesis of Benzo Fused Tetrathia[7]helicenes. Organic Letters, 2011, 13, 5516-5519.	4.6	36
110	Odd-Numbered Oxacalix[n]arenes (n = 5, 7): Synthesis and Solid-State Structures. Organic Letters, 2011, 13, 126-129.	4.6	36
111	Application of the Triazolization Reaction to Afford Dihydroartemisinin Derivatives with Anti-HIV Activity. Molecules, 2017, 22, 303.	3.8	36
112	Synthesis and study of the rearrangements of 5-(1,2,3-triazol-4-yl)-1,2,3-thiadiazoles. Tetrahedron, 1998, 54, 8501-8514.	1.9	35
113	Facile synthesis of novel indolo[3,2-b]carbazole derivatives and a chromogenic-sensing 5,12-dihydroindolo[3,2-b]carbazole. Organic and Biomolecular Chemistry, 2008, 6, 2484.	2.8	35
114	Metal extraction with a short-chain imidazolium nitrate ionic liquid. Chemical Communications, 2017, 53, 5271-5274.	4.1	35
115	A Blue-Light-Emitting BODIPY Probe for Lipid Membranes. Langmuir, 2016, 32, 3495-3505.	3.5	34
116	BOPAHY: a doubly chelated highly fluorescent pyrroleâ€“acyl hydrazone â€“BF₂ chromophore. Chemical Communications, 2020, 56, 5791-5794.	4.1	34
117	Anion recognition by Î±-arylazo-N-confused calix[4]pyrroles. Organic and Biomolecular Chemistry, 2005, 3, 2921.	2.8	33
118	meso-Pyrimidinyl-Substituted A2B- and A3-Corroles. Journal of Organic Chemistry, 2010, 75, 2127-2130.	3.2	33
119	Base stable quaternary ammonium ionic liquids. RSC Advances, 2014, 4, 4472-4477.	3.6	33
120	A patent review on efficient strategies for the total synthesis of pazopanib, regorafenib and lenvatinib as novel anti-angiogenesis receptor tyrosine kinase inhibitors for cancer therapy. Molecular Diversity, 2022, 26, 2981-3002.	3.9	33
121	Selfâ€Assembly of Novel [2]Catenanes and [2]Pseudorotaxanes Incorporating Thiacrown Ethers or Their Acyclic Analogues. Chemistry - A European Journal, 1997, 3, 772-787.	3.3	32
122	Anion recognition by N-confused calix[4]pyrrole-Î±-carbaldehyde and its Knoevenagel reaction derivatives. New Journal of Chemistry, 2007, 31, 691-696.	2.8	32
123	mesoâ€Indolo[3,2â€b]carbazolylâ€Substituted Porphyrinoids: Synthesis, Characterization and Effect of the Number of Indolocarbazole Moieties on the Photophysical Properties. European Journal of Organic Chemistry, 2010, 2010, 2576-2586.	2.4	32
124	Electrochemical Label-free and Reagentless Genosensor Based on an Ion Barrier Switch-off System for DNA Sequence-Specific Detection of the Avian Influenza Virus. Analytical Chemistry, 2015, 87, 9702-9709.	6.5	32
125	Synthesis and anticancer activity of novel aza-artemisinin derivatives. Bioorganic and Medicinal Chemistry, 2017, 25, 3671-3676.	3.0	32
126	A novel approach to fused 1,2,4-triazines by intramolecular cyclization of 1,2-diaza-1,3-butadienes bearing allyl(propargyl)sulfanyl and cyclic tert-amino groups. Tetrahedron Letters, 2007, 48, 9128-9131.	1.4	31

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127	Synthesis of novel 2,8-disubstituted indolo[3,2-b]carbazoles. Organic and Biomolecular Chemistry, 2012, 10, 79-82.	2.8	31
128	Quantum chemical insights into the dependence of porphyrin basicity on the meso-aryl substituents: thermodynamics, buckling, reaction sites and molecular flexibility. Physical Chemistry Chemical Physics, 2015, 17, 14096-14106.	2.8	31
129	Electroactive Dipyrromethenecâ^'Cu(II) Self-Assembled Monolayers: Complexation Reaction on the Surface of Gold Electrodes. Langmuir, 2008, 24, 11239-11245.	3.5	30
130	Synthesis of Linearly Fused Benzodipyrrole Based Organic Materials. Molecules, 2016, 21, 785.	3.8	30
131	A new four-component reaction involving the Michael addition and the Gewald reaction, leading to diverse biologically active 2-aminothiophenes. Organic and Biomolecular Chemistry, 2017, 15, 3892-3900.	2.8	30
132	The Influence of Molecular Architecture and Solvent Type on the Size and Structure of Poly(benzyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.2	29
133	Alpha-carboxy nucleoside phosphonates as universal nucleoside triphosphate mimics. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3475-3480.	7.1	29
134	Regioselective synthesis of renewable bisphenols from 2,3-pentanedione and their application as plasticizers. Green Chemistry, 2014, 16, 1999-2007.	9.0	28
135	Inhibition of glutamate decarboxylase (GAD) by ethyl ketopentenoate (EKP) induces treatment-resistant epileptic seizures in zebrafish. Scientific Reports, 2017, 7, 7195.	3.3	28
136	Synthesis of Poly-p-phenylene Terephthalamide (PPTA) in Ionic Liquids. ACS Sustainable Chemistry and Engineering, 2018, 6, 1362-1369.	6.7	28
137	1,2,3-Triazole-Mediated Synthesis of 1-Methyleneisoquinolines: A Three-Step Synthesis of Papaverine and Analogues. Organic Letters, 2020, 22, 3596-3600.	4.6	28
138	To Adjust Wetting Properties of Organic Surface by In Situ Photoreaction of Aromatic Azide. Langmuir, 2007, 23, 1253-1257.	3.5	27
139	Synthetic Exploration of Oxacalix[2]arene[2]quinazolines. European Journal of Organic Chemistry, 2010, 2010, 4122-4129.	2.4	27
140	Effect of the substitution position (2, 3 or 8) on the spectroscopic and photophysical properties of BODIPY dyes with a phenyl, styryl or phenylethynyl group. RSC Advances, 2016, 6, 102899-102913.	3.6	27
141	Synthesis and oxidative cyclization of 2-arylhydrazono-2-cyanoacetamidines to 2-aryl-2H-1,2,3-triazol-5-amines. Arkivoc, 2009, 2008, 9-21.	0.5	27
142	Isolation and In Silico Anti-SARS-CoV-2 Papain-Like Protease Potentialities of Two Rare 2-Phenoxychromone Derivatives from Artemisia spp.. Molecules, 2022, 27, 1216.	3.8	27
143	Nâ€15 NMR analysis of 1,2,3â€thiadiazoles. Journal of Heterocyclic Chemistry, 1993, 30, 301-305.	2.6	26
144	Water switched aggregation/disaggregation strategies of a coumarinâ€“naphthalene conjugated sensor and its selectivity towards Cu2+ and Ag+ ions along with cell imaging studies on human osteosarcoma cells (U-2 OS). New Journal of Chemistry, 2018, 42, 10983-10988.	2.8	26

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145	QSAR-derived affinity fingerprints (part 1): fingerprint construction and modeling performance for similarity searching, bioactivity classification and scaffold hopping. Journal of Cheminformatics, 2020, 12, 39.	6.1	26
146	Fluorescent Probes for Selective Recognition of Hypobromous Acid: Achievements and Future Perspectives. Molecules, 2021, 26, 363.	3.8	26
147	Betulonic Acid Derivatives Interfering with Human Coronavirus 229E Replication via the nsp15 Endoribonuclease. Journal of Medicinal Chemistry, 2021, 64, 5632-5644.	6.4	26
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