

Wim Dehaen

List of Publications by Year in descending order

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382
papers

15,193
citations

29994

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106
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398
docs citations

398
times ranked

14411
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#	ARTICLE	IF	CITATIONS
1	Fluorescent indicators based on BODIPY. <i>Chemical Society Reviews</i> , 2012, 41, 1130-1172.	18.7	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. <i>Organic Letters</i> , 2004, 6, 4223-4225.	2.4	530
3	Static solvent contact angle measurements, surface free energy and wettability determination of various self-assembled monolayers on silicon dioxide. <i>Thin Solid Films</i> , 2006, 515, 1433-1438.	0.8	385
4	A Highly Potassium-Selective Ratiometric Fluorescent Indicator Based on BODIPY Azacrown Ether Excitable with Visible Light. <i>Organic Letters</i> , 2005, 7, 4377-4380.	2.4	297
5	Postfunctionalization of the BODIPY Core: Synthesis and Spectroscopy. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 6577-6595.	1.2	264
6	Functionalisation of fluorescent BODIPY dyes by nucleophilic substitution. <i>Chemical Communications</i> , 2006, , 266-268.	2.2	255
7	Oxalix[n](het)arenes. <i>Chemical Society Reviews</i> , 2008, 37, 2393.	18.7	238
8	Palladium-Catalyzed Coupling Reactions for the Functionalization of BODIPY Dyes with Fluorescence Spanning the Visible Spectrum. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 4658-4663.	1.2	236
9	Synthesis of BODIPY dyes through postfunctionalization of the boron dipyrromethene core. <i>Coordination Chemistry Reviews</i> , 2019, 399, 213024.	9.5	231
10	The Uremic Retention Solute p-Cresyl Sulfate and Markers of Endothelial Damage. <i>American Journal of Kidney Diseases</i> , 2009, 54, 891-901.	2.1	219
11	Improved Template-Directed Synthesis of Cyclobis(paraquat-p-phenylene). <i>Journal of Organic Chemistry</i> , 1996, 61, 9591-9595.	1.7	212
12	Catalytic production of levulinic acid from cellulose and other biomass-derived carbohydrates with sulfonated hyperbranched poly(arylene oxindole)s. <i>Energy and Environmental Science</i> , 2011, 4, 3601.	15.6	208
13	A highly sensitive, selective, colorimetric and near-infrared fluorescent turn-on chemosensor for Cu ²⁺ based on BODIPY. <i>Chemical Communications</i> , 2010, 46, 6329.	2.2	202
14	Ruthenium(II) Dendrimers Containing Carbazole-Based Chromophores as Branches. <i>Journal of the American Chemical Society</i> , 2003, 125, 5356-5365.	6.6	195
15	Self-Assembled Monolayers of Dendron Thiols for Electrodeposition of Gold Nanostructures: Toward Fabrication of Superhydrophobic/Superhydrophilic Surfaces and pH-Responsive Surfaces. <i>Langmuir</i> , 2005, 21, 1986-1990.	1.6	178
16	A Metal-Free Three-Component Reaction for the Regioselective Synthesis of 1,4,5-Trisubstituted 1,2,3-Triazoles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10155-10159.	7.2	152
17	Dendrimers Made of Porphyrin Cores and Carbazole Chromophores as Peripheral Units. Absorption Spectra, Luminescence Properties, and Oxidation Behavior. <i>Journal of the American Chemical Society</i> , 2005, 127, 11352-11363.	6.6	144
18	Synthesis, Structure, Anion Binding, and Sensing by Calix[4]pyrrole Isomers. <i>Journal of the American Chemical Society</i> , 2006, 128, 11496-11504.	6.6	141

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19	Boron Dipyrromethene Analogs with Phenyl, Styryl, and Ethynylphenyl Substituents: Synthesis, Photophysics, Electrochemistry, and Quantum-Chemical Calculations. <i>Journal of Physical Chemistry A</i> , 2007, 111, 8588-8597.	1.1	126
20	Organocatalytic routes toward substituted 1,2,3-triazoles. <i>Chemical Communications</i> , 2015, 51, 10797-10806.	2.2	124
21	1,7-Disubstituted Boron Dipyrromethene (BODIPY) Dyes: Synthesis and Spectroscopic Properties. <i>Journal of Organic Chemistry</i> , 2011, 76, 8168-8176.	1.7	116
22	Radical C-H Arylation of the BODIPY Core with Aryldiazonium Salts: Synthesis of Highly Fluorescent Red-Shifted Dyes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4612-4616.	7.2	116
23	Synthesis of <i>Meso</i> -Halogenated BODIPYs and Access to <i>Meso</i> -Substituted Analogues. <i>Organic Letters</i> , 2012, 14, 6150-6153.	2.4	111
24	2- and 3-Monohalogenated BODIPY Dyes and Their Functionalized Analogues: Synthesis and Spectroscopy. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 4386-4396.	1.2	103
25	Efficient synthesis of aryldipyrromethanes in water and their application in the synthesis of corroles and dipyrromethenes. <i>Arkivoc</i> , 2007, 2007, 307-324.	0.3	100
26	A versatile, modular synthesis of monofunctionalized BODIPY dyes. <i>Chemical Communications</i> , 2009, , 4515.	2.2	99
27	Synthesis, Spectroscopy, Crystal Structure, Electrochemistry, and Quantum Chemical and Molecular Dynamics Calculations of a 3-Anilino Difluoroboron Dipyrromethene Dye. <i>Journal of Physical Chemistry A</i> , 2009, 113, 439-447.	1.1	98
28	Solvent-dependent photophysical properties of borondipyrromethene dyes in solution. <i>Chemical Physics Letters</i> , 2006, 420, 562-568.	1.2	96
29	Direct functionalization of BODIPY dyes by oxidative nucleophilic hydrogen substitution at the 3- or 3,5-positions. <i>Chemical Communications</i> , 2010, 46, 4908.	2.2	92
30	Selective Synthesis of Functionalized Thia- and Oxacalix[2]arene[2]pyrimidines. <i>Organic Letters</i> , 2006, 8, 4161-4164.	2.4	90
31	Direct palladium-catalysed C-H arylation of BODIPY dyes at the 3- and 3,5-positions. <i>Chemical Communications</i> , 2012, 48, 9129.	2.2	87
32	N-Confused Calix[4]pyrroles. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3359-3361.	7.2	86
33	Transition-Metal-Free Sonogashira-Type Coupling Reactions in Water. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 4713-4716.	1.2	85
34	Vicarious Nucleophilic Substitution of H-Hydrogen of BODIPY and Its Extension to Direct Ethenylation. <i>Organic Letters</i> , 2011, 13, 1470-1473.	2.4	80
35	A general metal-free route towards the synthesis of 1,2,3-triazoles from readily available primary amines and ketones. <i>Chemical Communications</i> , 2016, 52, 2885-2888.	2.2	80
36	The Rich Chemistry Resulting from the 1,3-Dipolar Cycloaddition Reactions of Enamines and Azides. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 262-294.	1.2	80

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37	Efficient Post-Macrocyclization Functionalizations of Oxacalix[2]arene[2]pyrimidines. <i>Organic Letters</i> , 2008, 10, 585-588.	2.4	79
38	Allobetulin and Its Derivatives: Synthesis and Biological Activity. <i>Molecules</i> , 2011, 16, 2443-2466.	1.7	74
39	Microwave-Enhanced Synthesis of N-Shifted Buflavine Analogues via a Suzuki~Ring-Closing Metathesis Protocol. <i>Organic Letters</i> , 2005, 7, 2723-2726.	2.4	72
40	Synthesis and spectroscopic characterisation of BODIPY® based fluorescent off~on indicators with low affinity for calcium. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 2755.	1.5	71
41	Synthesis and photophysical characterization of chalcogen substituted BODIPY dyes. <i>New Journal of Chemistry</i> , 2009, 33, 1490.	1.4	69
42	Facile One-Pot Synthesis of 6-Monosubstituted and 6,12-Disubstituted 5,11-Dihydroindolo[3,2- <i>b</i>]carbazoles and Preparation of Various Functionalized Derivatives. <i>Journal of Organic Chemistry</i> , 2007, 72, 7207-7213.	1.7	68
43	Selenium~Platinum Coordination Dendrimers with Controlled Anti-Cancer Activity. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 3609-3614.	4.0	68
44	Solvent Extraction of Scandium(III) by an Aqueous Biphasic System with a Nonfluorinated Functionalized Ionic Liquid. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 8988-8996.	1.8	66
45	The BOPHY fluorophore with double boron chelation: Synthesis and spectroscopy. <i>Coordination Chemistry Reviews</i> , 2018, 371, 1-10.	9.5	66
46	A single-step acid catalyzed reaction for rapid assembly of NH-1,2,3-triazoles. <i>Chemical Communications</i> , 2016, 52, 9236-9239.	2.2	65
47	Synthesis, biological evaluation and molecular modeling of a novel series of fused 1,2,3-triazoles as potential anti-coronavirus agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 3472-3476.	1.0	65
48	Thiol-promoted catalytic synthesis of diphenolic acid with sulfonated hyperbranched poly(arylene) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.2	64
49	8-HaloBODIPYs and Their 8-(C, N, O, S) Substituted Analogues: Solvent Dependent UV~Vis Spectroscopy, Variable Temperature NMR, Crystal Structure Determination, and Quantum Chemical Calculations. <i>Journal of Physical Chemistry A</i> , 2014, 118, 1576-1594.	1.1	62
50	3,5-Dianilino Substituted Difluoroboron Dipyromethene: Synthesis, Spectroscopy, Photophysics, Crystal Structure, Electrochemistry, and Quantum-Chemical Calculations. <i>Journal of Physical Chemistry C</i> , 2009, 113, 11731-11740.	1.5	61
51	Removal of the Uremic Retention Solute ~Cresol Using Fractionated Plasma Separation and Adsorption. <i>Artificial Organs</i> , 2008, 32, 214-219.	1.0	60
52	Synthesis of soluble oligocarbazole derivatives. <i>Tetrahedron Letters</i> , 2003, 44, 957-959.	0.7	58
53	Metal~Free Route for the Synthesis of 4~Acyl~1,2,3~Triazoles from Readily Available Building Blocks. <i>Chemistry - A European Journal</i> , 2016, 22, 9966-9970.	1.7	57
54	Trihalide ionic liquids as non-volatile oxidizing solvents for metals. <i>Green Chemistry</i> , 2018, 20, 3327-3338.	4.6	56

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55	Tailoring pillararene-based receptors for specific metal ion binding: From recognition to supramolecular assembly. <i>Coordination Chemistry Reviews</i> , 2020, 415, 2133-13.	9.5	55
56	The Application of "Click Chemistry" for the Decoration of 2(1H)-Pyrazinone Scaffold: A Generation of Templates. <i>ACS Combinatorial Science</i> , 2005, 7, 490-502.	3.3	54
57	Selenacalix[3]triazines: synthesis and host-guest chemistry. <i>Chemical Communications</i> , 2012, 48, 43-45.	2.2	54
58	Ionic liquids as solvents for PPTA oligomers. <i>Green Chemistry</i> , 2016, 18, 1639-1652.	4.6	54
59	Development and validation of a fast ionic liquid-based dispersive liquid-liquid microextraction procedure combined with LC-MS/MS analysis for the quantification of benzodiazepines and benzodiazepine-like hypnotics in whole blood. <i>Forensic Science International</i> , 2017, 274, 44-54.	1.3	54
60	Radical C-H Alkylation of BODIPY Dyes Using Potassium Trifluoroborates or Boronic Acids. <i>Chemistry - A European Journal</i> , 2015, 21, 12667-12675.	1.7	53
61	Molecular design of sulfonated hyperbranched poly(arylene oxindole)s for efficient cellulose conversion to levulinic acid. <i>Green Chemistry</i> , 2016, 18, 1694-1705.	4.6	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. <i>Green Chemistry</i> , 2017, 19, 153-163.	4.6	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. <i>PLoS ONE</i> , 2013, 8, e81634.	1.1	53
64	A ratiometric, fluorescent BODIPY-based probe for transition and heavy metal ions. <i>RSC Advances</i> , 2016, 6, 7806-7816.	1.7	52
65	Synthesis of Multi(metallo)porphyrin Dendrimers through Nucleophilic Aromatic Substitution on meso-Pyrimidinyl Substituted Porphyrins. <i>Journal of Organic Chemistry</i> , 2006, 71, 2987-2994.	1.7	51
66	Synthetic, Structural, and Photophysical Exploration of meso-Pyrimidinyl-Substituted AB ₂ -Corroles. <i>Chemistry - A European Journal</i> , 2010, 16, 5691-5705.	1.7	51
67	An oxacalix[2]arene[2]pyrimidine-bis(Zn-porphyrin) tweezer as a selective receptor towards fullerene C70. <i>Tetrahedron Letters</i> , 2010, 51, 2423-2426.	0.7	51
68	Visible Absorption and Fluorescence Spectroscopy of Conformationally Constrained, Annulated BODIPY Dyes. <i>Journal of Physical Chemistry A</i> , 2012, 116, 9621-9631.	1.1	51
69	Artemisinin Analogues as Potent Inhibitors of In Vitro Hepatitis C Virus Replication. <i>PLoS ONE</i> , 2013, 8, e81783.	1.1	51
70	Synthesis of triterpenoid triazine derivatives from allobetulone and betulonic acid with biological activities. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3292-3300.	1.4	51
71	Efficient Fragment Coupling Approaches toward Large Oxacalix[n]arenes (n = 6, 8). <i>Organic Letters</i> , 2009, 11, 1681-1684.	2.4	49
72	Methylated flavonoids as anti-seizure agents: Naringenin 4,7-dimethyl ether attenuates epileptic seizures in zebrafish and mouse models. <i>Neurochemistry International</i> , 2018, 112, 124-133.	1.9	49

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73	Electroactive Dipyromethene-Cu(II) Monolayers Deposited onto Gold Electrodes for Voltammetric Determination of Paracetamol. <i>Electroanalysis</i> , 2008, 20, 2317-2323.	1.5	47
74	A facile and general method for the synthesis of 6,12-diaryl-5,11-dihydroindolo[3,2-b]carbazoles. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 380-385.	1.5	46
75	Oxidative Transformation to Naphthodithiophene and Thia[7]helicenes by Intramolecular Scholl Reaction of Substituted 1,2-Bis(2-thienyl)benzene Precursors. <i>Journal of Organic Chemistry</i> , 2013, 78, 11147-11154.	1.7	46
76	Fast and easy extraction of antidepressants from whole blood using ionic liquids as extraction solvent. <i>Talanta</i> , 2018, 180, 292-299.	2.9	46
77	Convenient and rapid microwave-assisted synthesis of pyrido-fused ring systems applying the tert-amino effect. <i>Green Chemistry</i> , 2004, 6, 125-127.	4.6	45
78	Design and synthesis of the novel oleanolic acid-cinnamic acid ester derivatives and glycyrrhetic acid-cinnamic acid ester derivatives with cytotoxic properties. <i>Bioorganic Chemistry</i> , 2019, 88, 102951.	2.0	45
79	Photodecomposition of 10-Diazo-2-hexadecyl-anthrone on Graphite Studied by Scanning Tunneling Microscopy. <i>Angewandte Chemie International Edition in English</i> , 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 Red-Shifted Visible Absorption and Fluorescence Spectra. <i>Chemistry - an Asian Journal</i> , 2010, 5, 2016-2026.	1.7	44
81	Tandem Organocatalyzed Knoevenagel Condensation/1,3-Dipolar Cycloaddition towards Highly Functionalized Fused 1,2,3-Triazoles. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4922-4930.	1.2	44
82	(Thio)ureido Anion Receptors Based on a 1,3-Alternate Oxacalix[2]arene[2]pyrimidine Scaffold. <i>Journal of Organic Chemistry</i> , 2012, 77, 2791-2797.	1.7	43
83	Regioselective synthesis of 5-trifluoromethyl-1,2,3-triazoles via CF ₃ -directed cyclization of 1-trifluoromethyl-1,3-dicarbonyl compounds with azides. <i>Tetrahedron</i> , 2012, 68, 614-618.	1.0	43
84	Reactions of Azolylenamines with Sulfonyl Azides as an Approach to <i>N</i> -Unsubstituted 1,2,3-Triazoles and Ethene-1,2-diamines. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3684-3689.	1.2	43
85	Photophysics of 3,5-diphenoxy substituted BODIPY dyes in solution. <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 1061.	1.6	42
86	Recovery of Gallium, Indium, and Arsenic from Semiconductors Using Tribromide Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14451-14459.	3.2	42
87	Metal-free syntheses of <i>N</i> -functionalized and <i>NH</i> -1,2,3-triazoles: an update on recent developments. <i>Chemical Communications</i> , 2021, 57, 1568-1590.	2.2	42
88	Homogeneous liquid-liquid extraction of metal ions with non-fluorinated bis(2-ethylhexyl)phosphate ionic liquids having a lower critical solution temperature in combination with water. <i>Chemical Communications</i> , 2015, 51, 14183-14186.	2.2	41
89	Ultrathin Single Bilayer Separation Membranes Based on Hyperbranched Sulfonated Poly(aryleneoxindole). <i>Advanced Functional Materials</i> , 2017, 27, 1605068.	7.8	41
90	European Association of Urology Position Paper on the Prevention of Infectious Complications Following Prostate Biopsy. <i>European Urology</i> , 2021, 79, 11-15.	0.9	41

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91	Synthetic Aspects of Porphyrin Dendrimers. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 4719-4752.	1.2	40
92	Oligo(<i>p</i> -phenylene ethynylene)-BODIPY Derivatives: Synthesis, Energy Transfer, and Quantum-Chemical Calculations. <i>Chemistry - A European Journal</i> , 2011, 17, 13247-13257.	1.7	40
93	A Metal-Free Three-Component Reaction for the Regioselective Synthesis of 1,4,5-Trisubstituted 1,2,3-Triazoles. <i>Angewandte Chemie</i> , 2014, 126, 10319-10323.	1.6	40
94	A liquid chromatography tandem mass spectrometry method to measure a selected panel of uremic retention solutes derived from endogenous and colonic microbial metabolism. <i>Analytica Chimica Acta</i> , 2016, 936, 149-156.	2.6	40
95	Indirect Coupling of the 2(1H)-pyrazinone Scaffold with Various (oligo)-saccharides via click chemistry: en route towards Glycopeptidomimetics. <i>QSAR and Combinatorial Science</i> , 2004, 23, 915-918.	1.5	39
96	Homoselenacalix[n]arenes. <i>Organic Letters</i> , 2009, 11, 3040-3043.	2.4	38
97	Mechanistic Insights into the Kinetic and Regiochemical Control of the Thiol-Promoted Catalytic Synthesis of Diphenolic Acid. <i>ACS Catalysis</i> , 2012, 2, 2700-2704.	5.5	38
98	Exploring the Application of the Negishi Reaction of HaloBODIPYs: Generality, Regioselectivity, and Synthetic Utility in the Development of BODIPY Laser Dyes. <i>Journal of Organic Chemistry</i> , 2016, 81, 3700-3710.	1.7	38
99	Stability of ionic liquids in Brønsted-basic media. <i>Green Chemistry</i> , 2020, 22, 5225-5252.	4.6	38
100	Small-molecule-based fluorescent probes for f-block metal ions: A new frontier in chemosensors. <i>Coordination Chemistry Reviews</i> , 2021, 427, 213524.	9.5	38
101	Neoadjuvant hormonal therapy before radical prostatectomy in high-risk prostate cancer. <i>Nature Reviews Urology</i> , 2021, 18, 739-762.	1.9	38
102	Core-shell nanoparticles with hyperbranched poly(arylene oxindole) interiors. <i>Journal of Polymer Science Part A</i> , 2009, 47, 1120-1135.	2.5	37
103	Synthesis and Properties of Methoxyphenyl-Substituted Derivatives of Indolo[3,2-b]carbazole. <i>Journal of Organic Chemistry</i> , 2012, 77, 4924-4931.	1.7	37
104	UV-vis spectroscopy of the coupling products of the palladium-catalyzed C-H arylation of the BODIPY core. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 835-847.	1.6	37
105	Solvatochromism of BODIPY-Schiff Dye. <i>Journal of Physical Chemistry B</i> , 2015, 119, 2576-2584.	1.2	37
106	Recent Developments in the Chemistry of 1,2,3-Thiadiazoles. <i>Advances in Heterocyclic Chemistry</i> , 2018, , 109-172.	0.9	37
107	Reaction of heterocyclic thioamides with dimethyl acetylenedicarboxylate. Synthesis of novel 2-azolyl-5-methoxycarbonylmethylene thiazolin-4-ones. <i>Tetrahedron</i> , 2001, 57, 2179-2184.	1.0	36
108	A Convenient A2 + B3 Approach to Hyperbranched Poly(arylene oxindole)s. <i>Macromolecular Rapid Communications</i> , 2005, 26, 1458-1463.	2.0	36

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109	Efficient Synthesis of Benzo Fused Tetrathia[7]helicenes. <i>Organic Letters</i> , 2011, 13, 5516-5519.	2.4	36
110	Odd-Numbered Oxacalix[<i>n</i>]arenes (<i>n</i> = 5, 7): Synthesis and Solid-State Structures. <i>Organic Letters</i> , 2011, 13, 126-129.	2.4	36
111	Application of the Triazolization Reaction to Afford Dihydroartemisinin Derivatives with Anti-HIV Activity. <i>Molecules</i> , 2017, 22, 303.	1.7	36
112	Synthesis and study of the rearrangements of 5-(1,2,3-triazol-4-yl)-1,2,3-thiadiazoles. <i>Tetrahedron</i> , 1998, 54, 8501-8514.	1.0	35
113	Facile synthesis of novel indolo[3,2- <i>b</i>]carbazole derivatives and a chromogenic-sensing 5,12-dihydroindolo[3,2- <i>b</i>]carbazole. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2484.	1.5	35
114	Metal extraction with a short-chain imidazolium nitrate ionic liquid. <i>Chemical Communications</i> , 2017, 53, 5271-5274.	2.2	35
115	A Blue-Light-Emitting BODIPY Probe for Lipid Membranes. <i>Langmuir</i> , 2016, 32, 3495-3505.	1.6	34
116	BOPAHY: a doubly chelated highly fluorescent pyrrole-acyl hydrazone-BF ₂ chromophore. <i>Chemical Communications</i> , 2020, 56, 5791-5794.	2.2	34
117	Anion recognition by $\hat{\pm}$ -aryloxo-N-confused calix[4]pyrroles. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 2921.	1.5	33
118	meso-Pyrimidinyl-Substituted A2B- and A3-Corroles. <i>Journal of Organic Chemistry</i> , 2010, 75, 2127-2130.	1.7	33
119	Base stable quaternary ammonium ionic liquids. <i>RSC Advances</i> , 2014, 4, 4472-4477.	1.7	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. <i>Molecular Diversity</i> , 2022, 26, 2981-3002.	2.1	33
121	Self-Assembly of Novel [2]Catenanes and [2]Pseudorotaxanes Incorporating Thiocrown Ethers or Their Acyclic Analogues. <i>Chemistry - A European Journal</i> , 1997, 3, 772-787.	1.7	32
122	Anion recognition by N-confused calix[4]pyrrole- $\hat{\pm}$ -carbaldehyde and its Knoevenagel reaction derivatives. <i>New Journal of Chemistry</i> , 2007, 31, 691-696.	1.4	32
123	meso-Indolo[3,2- <i>b</i>]carbazolyl-Substituted Porphyrinoids: Synthesis, Characterization and Effect of the Number of Indolocarbazole Moieties on the Photophysical Properties. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 2576-2586.	1.2	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. <i>Analytical Chemistry</i> , 2015, 87, 9702-9709.	3.2	32
125	Synthesis and anticancer activity of novel aza-artemisinin derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 3671-3676.	1.4	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. <i>Tetrahedron Letters</i> , 2007, 48, 9128-9131.	0.7	31

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127	Synthesis of novel 2,8-disubstituted indolo[3,2-b]carbazoles. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 79-82.	1.5	31
128	Quantum chemical insights into the dependence of porphyrin basicity on the meso-aryl substituents: thermodynamics, buckling, reaction sites and molecular flexibility. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 14096-14106.	1.3	31
129	Electroactive Dipyrromethene [~] Cu(II) Self-Assembled Monolayers: Complexation Reaction on the Surface of Gold Electrodes. <i>Langmuir</i> , 2008, 24, 11239-11245.	1.6	30
130	Synthesis of Linearly Fused Benzodipyrrole Based Organic Materials. <i>Molecules</i> , 2016, 21, 785.	1.7	30
131	A new four-component reaction involving the Michael addition and the Gewald reaction, leading to diverse biologically active 2-aminothiophenes. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 3892-3900.	1.5	30
132	The Influence of Molecular Architecture and Solvent Type on the Size and Structure of Poly(benzyl) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50	1.1	29
133	Alpha-carboxy nucleoside phosphonates as universal nucleoside triphosphate mimics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3475-3480.	3.3	29
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