

Pablo Wessig

List of Publications by Year in descending order

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60
papers

1,152
citations

471509

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h-index

434195

31
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63
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docs citations

63
times ranked

1099
citing authors

#	ARTICLE	IF	CITATIONS
1	Studies toward the Total Synthesis of Arylnaphthalene Lignans via a Photo-Dehydro-Diels-Alder (PDDA) Reaction. <i>Journal of Organic Chemistry</i> , 2022, 87, 5904-5915.	3.2	2
2	Makrozyklische FKBP51-Liganden enthalten einen transienten Bindungsmodus mit erhöhter Selektivität. <i>Angewandte Chemie</i> , 2021, 133, 13366-13372.	2.0	0
3	Macrocyclic FKBP51 Ligands Define a Transient Binding Mode with Enhanced Selectivity. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13257-13263.	13.8	13
4	Sulfur Tuning of [1,3]Dioxolo[4.5]benzodioxole (DBD) Fluorescent Dyes. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 499-511.	2.4	7
5	Carbon nanodots revised: the thermal citric acid/urea reaction. <i>Chemical Science</i> , 2020, 11, 8256-8266.	7.4	81
6	Investigating the Sulfur Twist on the Photophysics of DBD Dyes. <i>Journal of Physical Chemistry A</i> , 2020, 124, 4345-4353.	2.5	3
7	Fluorescent Dyes with Large Stokes Shifts Based on Benzo[1,2-d:4,5-d']bis([1,3]dithiole) (S ₄ -DBD Dyes). <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1732-1744.	2.4	9
8	Na ⁺ Selective Fluorescent Tools Based on Fluorescence Intensity Enhancements, Lifetime Changes, and on a Ratiometric Response. <i>Chemistry - A European Journal</i> , 2019, 25, 12412-12422.	3.3	11
9	Photophysics of Acyl- and Ester-DBD Dyes: Quadrupole-Induced Solvent Relaxation Investigated by Transient Absorption Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2019, 123, 4717-4726.	2.5	3
10	Iterative Arylation of Itaconimides with Diazonium Salts through Electrophilic Palladium Catalysis: Divergent I ² -H-Elimination Pathways in Repetitive Matsuda Heck Reactions. <i>Journal of Organic Chemistry</i> , 2019, 84, 5732-5746.	3.2	20
11	Energy Transfer between Tm-Doped Upconverting Nanoparticles and a Small Organic Dye with Large Stokes Shift. <i>Biosensors</i> , 2019, 9, 9.	4.7	18
12	Extending the Class of [1,3]Dioxolo[4.5]benzodioxole (DBD) Fluorescent Dyes. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1674-1681.	2.4	10
13	Scaling Up UV-Mediated Intramolecular Photodehydro-Diels-Alder Reactions Using a Homemade High-Performance Annular Continuous-Flow Reactor. <i>Organic Process Research and Development</i> , 2018, 22, 1823-1827.	2.7	17
14	Antibody Binding at the Liposome-Water Interface: A FRET Investigation toward a Liposome-Based Assay. <i>ACS Omega</i> , 2018, 3, 18109-18116.	3.5	4
15	Synthesis and Characterization of a New Bifunctionalized, Fluorescent, and Amphiphilic Molecule for Recruiting SH-Containing Molecules to Membranes. <i>ChemBioChem</i> , 2018, 19, 1643-1647.	2.6	6
16	Detection of dsDNA with [1,3]Dioxolo[4.5]benzodioxol (DBD) Dyes. <i>Chemistry - A European Journal</i> , 2018, 24, 16183-16190.	3.3	6
17	A Fluorescence Lifetime-Based Binding Assay for Class IIa Histone Deacetylases. <i>Chemistry - A European Journal</i> , 2017, 23, 3107-3116.	3.3	22
18	Highly K ⁺ -Selective Fluorescent Probes for Lifetime Sensing of K ⁺ in Living Cells. <i>Chemistry - A European Journal</i> , 2017, 23, 17156-17156.	3.3	1

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19	Thiol-ene polymerization of oligospiroketal rods. <i>Polymer Chemistry</i> , 2017, 8, 6879-6885.	3.9	10
20	Highly Selective Fluorescent Probes for Lifetime Sensing of K^{+} in Living Cells. <i>Chemistry - A European Journal</i> , 2017, 23, 17186-17190.	3.3	16
21	Rotational Barriers of Substituted BIPHEP Ligands: A Comparative Experimental and Theoretical Study. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5123-5126.	2.4	8
22	Rigid Rod-Based FRET Probes for Membrane Sensing Applications. <i>Journal of Physical Chemistry B</i> , 2016, 120, 9935-9943.	2.6	12
23	Photochemical Synthesis of Both Strained and Macrocyclic (1,7)Naphthalenophanes. <i>Journal of Organic Chemistry</i> , 2016, 81, 9147-9157.	3.2	10
24	Front Cover: FRET Pairs with Fixed Relative Orientation of Chromophores (<i>Eur. J. Org. Chem.</i> 26/2016). <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4436-4436.	2.4	0
25	FRET Pairs with Fixed Relative Orientation of Chromophores. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4476-4486.	2.4	15
26	Dendrimers with Oligospiroketal (OSK) Building Blocks: Synthesis and Properties. <i>Chemistry - A European Journal</i> , 2015, 21, 10466-10471.	3.3	6
27	Articulated rods – a novel class of molecular rods based on oligospiroketals (OSK). <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 74-84.	2.2	7
28	Synthesis and spectroscopic properties of a FRET pair based on PPO and DBD dyes. <i>Dyes and Pigments</i> , 2015, 123, 39-43.	3.7	13
29	Recruitment of SH-Containing Peptides to Lipid and Biological Membranes through the Use of a Palmitic Acid Functionalized with a Maleimide Group. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 323-326.	13.8	9
30	Coumarin derivatives and molecular rods as fluorescence probes for membrane characterization. , 2015, , .		0
31	Novel porous materials based on oligospiroketals (OSK). <i>RSC Advances</i> , 2014, 4, 31123-31129.	3.6	8
32	A fluorescence lifetime-based binding assay for acetyl polyamine amidohydrolases from <i>Pseudomonas aeruginosa</i> using a [1,3]dioxolo[4,5-f][1,3]benzodioxole (DBD) ligand probe. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4889-4897.	3.7	22
33	Conformational changes of the bacterial type I ATP-binding cassette importer HisQMP2 at distinct steps of the catalytic cycle. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 106-116.	2.6	21
34	DBD Dyes as Fluorescence Lifetime Probes to Study Conformational Changes in Proteins. <i>Chemistry - A European Journal</i> , 2013, 19, 17349-17357.	3.3	31
35	Asymmetric Synthesis of (1,5)Naphthalenophanes by Dehydro-Diels-Alder Reaction. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 2123-2129.	2.4	13
36	Synthesis and Spectroscopic Characterization of Fluorophore-Labeled Oligospiroketal Rods. <i>Helvetica Chimica Acta</i> , 2013, 96, 2046-2067.	1.6	8

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37	Structure and Dynamics of Molecular Rods in Membranes: Application of a Spin-Labeled Rod. <i>Chemistry - A European Journal</i> , 2013, 19, 2703-2710.	3.3	9
38	Photochemical Synthesis and Properties of 1,6- and 1,8-Naphthalenophanes. <i>Molecules</i> , 2013, 18, 1314-1324.	3.8	8
39	Building Blocks for Oligospiroketal (OSK) Rods and Evaluation of Their Influence on Rod Rigidity. <i>Journal of Organic Chemistry</i> , 2012, 77, 3907-3920.	3.2	17
40	DBD dyes as fluorescent probes for sensing lipophilic environments. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5367-5371.	2.2	17
41	The photo-dehydro-Diels-Alder (PDDA) reaction. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7599.	2.8	24
42	Preparation of Strained Axially Chiral (1,5)Naphthalenophanes by Photo-dehydro-Diels-Alder Reaction. <i>Journal of the American Chemical Society</i> , 2011, 133, 2642-2650.	13.7	37
43	New molecular rods - Characterization of their interaction with membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 2781-2788.	2.6	15
44	A new class of fluorescent dyes based on 1,3-benzodioxole and [1,3]-dioxolo[4.5-f]benzodioxole. <i>Tetrahedron Letters</i> , 2011, 52, 6192-6195.	1.4	18
45	Photochemical synthesis and properties of axially chiral naphthylpyridines. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 222, 263-265.	3.9	10
46	First example of an atropselective dehydro-Diels-Alder (ADDA) reaction. <i>Tetrahedron Letters</i> , 2011, 52, 4221-4223.	1.4	11
47	A Short and Efficient Route from myo- to neo-Inositol. <i>Synlett</i> , 2011, 2011, 434-434.	1.8	1
48	A Short and Efficient Route from myo- to neo-Inositol. <i>Synlett</i> , 2010, 2010, 1497-1500.	1.8	11
49	Molecular Rods with Oligospiroketal Backbones as Anchors in Biological Membranes. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4433-4435.	13.8	15
50	A novel photorearrangement of (coumarin-4-yl)methyl phenyl ethers. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 208, 171-179.	3.9	8
51	Nanoscale Molecular Rods with a New Building Block for Solubility Enhancement. <i>Journal of Organic Chemistry</i> , 2008, 73, 4452-4457.	3.2	28
52	The Dehydro-Diels-Alder Reaction. <i>Chemical Reviews</i> , 2008, 108, 2051-2063.	47.7	318
53	Facile Photochemical Synthesis of 1,1'-Binaphthyls. <i>Australian Journal of Chemistry</i> , 2008, 61, 569.	0.9	16
54	The Photo-Dehydro-Diels-Alder (PDDA) Reaction - A Powerful Method for the Preparation of Biaryls. <i>Synthesis</i> , 2007, 2007, 464-477.	2.3	22

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55	Oligospiroketalas as Novel Molecular Rods. Chemistry - A European Journal, 2007, 13, 4859-4872.	3.3	27
56	Synthesis of 1,1'-binaphthyls by photo-dehydro-Diels-Alder reactions. Chemical Communications, 2006, , 4524-4526.	4.1	27
57	Synthesis of Benzo[g]isochromenes through Photo-Dehydro-Diels-Alder Reaction. Helvetica Chimica Acta, 2006, 89, 2694-2719.	1.6	20
58	The Photo-Dehydro-Diels-Alder Reaction: An Efficient Route to Naphthalenes. Synthesis, 2005, 2005, 1445-1454.	2.3	28
59	Photoinduced diastereoselective pinacolisation of 4-oxo-4-phenylbutanamides to 4,5-dihydroxy-4,5-diphenyloctanediamides. Journal of the Chemical Society Perkin Transactions II, 1999, , 2029-2036.	0.9	6
60	N-Aroylsulfonamide-Photofragmentation (ASAP)-A Versatile Route to Biaryls. European Journal of Organic Chemistry, 0, , .	2.4	3