

# Oliver Dumele

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,820  
citations

331642

21  
h-index

477281

29  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2677  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Recognition in Chemical and Biological Systems. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3290-3327.	13.8	491
2	Halogen Bonding Molecular Capsules. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12339-12344.	13.8	152
3	The Impact of Antiaromatic Subunits in $[4n+2]$ $\pi$ -Systems: Bispentalenes with $[4n+2]$ $\pi$ -Electron Perimeters and Antiaromatic Character. <i>Journal of the American Chemical Society</i> , 2015, 137, 7178-7188.	13.7	115
4	Halogen Bonding of (Iodoethynyl)benzene Derivatives in Solution. <i>Organic Letters</i> , 2014, 16, 4722-4725.	4.6	114
5	Supramolecular Energy Materials. <i>Advanced Materials</i> , 2020, 32, e1907247.	21.0	101
6	Halogen-Bonded Supramolecular Capsules in the Solid State, in Solution, and in the Gas Phase. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1152-1157.	13.8	92
7	Donor-Acceptor (D-A)-Substituted Polyyne Chromophores: Modulation of Their Optoelectronic Properties by Varying the Length of the Acetylene Spacer. <i>Chemistry - A European Journal</i> , 2013, 19, 12693-12704.	3.3	61
8	Multifunctional superparamagnetic MnO@SiO <sub>2</sub> core/shell nanoparticles and their application for optical and magnetic resonance imaging. <i>Journal of Materials Chemistry</i> , 2012, 22, 9253.	6.7	59
9	Pentalenes with novel topologies: exploiting the cascade carbopalladation reaction between alkynes and gem-dibromoolefins. <i>Chemical Science</i> , 2014, 5, 965-972.	7.4	59
10	6,6-Dicyanopentafulvenes: Electronic Structure and Regioselectivity in $[2+2]$ Cycloaddition-Retroelectrocyclization Reactions. <i>Journal of the American Chemical Society</i> , 2012, 134, 18139-18146.	13.7	51
11	Halogenverbundene molekulare Kapseln. <i>Angewandte Chemie</i> , 2015, 127, 12516-12521.	2.0	47
12	Electronically Connected $[n]$ Helicenes: Synthesis and Chiroptical Properties of Enantiomerically Pure (E)-1,2-Di([6]helicen-2-yl)ethenes. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3223-3231.	2.4	44
13	Photocatalytic Aqueous CO <sub>2</sub> Reduction to CO and CH <sub>4</sub> Sensitized by Ullazine Supramolecular Polymers. <i>Journal of the American Chemical Society</i> , 2022, 144, 3127-3136.	13.7	43
14	Expanding the Chemical Structure Space of Opto-Electronic Molecular Materials: Unprecedented Push-Pull Chromophores by Reaction of a Donor-Substituted Tetracyanofulvene with Electron-Rich Alkynes. <i>Journal of the American Chemical Society</i> , 2013, 135, 3599-3606.	13.7	34
15	A Disulfide Intercalator Toolbox for the Site-Directed Modification of Polypeptides. <i>Chemistry - A European Journal</i> , 2015, 21, 228-238.	3.3	33
16	Halogenverbundene supramolekulare Kapseln im Festkörper, in Lösung und in der Gasphase. <i>Angewandte Chemie</i> , 2017, 129, 1172-1177.	2.0	29
17	Design and Synthesis of Avrami-Type Dyads and Rectification Studies in Langmuir-Blodgett (LB) Films. <i>Chemistry - A European Journal</i> , 2016, 22, 10539-10547.	3.3	26
18	An All-Organic Photochemical Magnetic Switch with Bistable Spin States. <i>Journal of the American Chemical Society</i> , 2022, 144, 8707-8716.	13.7	26

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19	Cross-conjugation of DNA, proteins and peptides via a pH switch. <i>Chemical Science</i> , 2013, 4, 1889.	7.4	25
20	Confined Spaces in [2,7]Cyclo[2,7]pyrenylenes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14909-14914.	13.8	23
21	Addressing the Glycine-Rich Loop of Protein Kinases by a Multi-Faceted Interaction Network: Inhibition of PKA and a PKB Mimic. <i>Chemistry - A European Journal</i> , 2016, 22, 211-221.	3.3	22
22	From Homoconjugated Push-Pull Chromophores to Donor-Acceptor-Substituted Spiro Systems by Thermal Rearrangement. <i>Chemistry - A European Journal</i> , 2014, 20, 1279-1286.	3.3	16
23	Polymorphism and Optoelectronic Properties in Crystalline Supramolecular Polymers. <i>Chemistry of Materials</i> , 2021, 33, 706-718.	6.7	16
24	Systematic Investigation of Resorcin[4]arene-Based Cavitations as Affinity Materials on Quartz Crystal Microbalances. <i>ChemPlusChem</i> , 2017, 82, 493-497.	2.8	13
25	A Planar Five-Membered Aromatic Ring Stabilized by Only Two $\pi$ -Electrons. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	8
26	An Immucillin-Based Transition-State Analogous Inhibitor of tRNA-Guanine Transglycosylase (TGT). <i>Chemistry - A European Journal</i> , 2016, 22, 6750-6754.	3.3	4
27	Confining the Inner Space of Strained Carbon Nanorings. <i>Synlett</i> , 2022, 33, 1-7.	1.8	3
28	Supramolekulare Bindungstaschen in [2,7]Cyclo[2,7]pyrenylenen. <i>Angewandte Chemie</i> , 2021, 133, 15035-15041.	2.0	2
29	Titelbild: Halogenverbrückte supramolekulare Kapseln im Festkörper, in Lösung und in der Gasphase ( <i>Angew. Chem.</i> 4/2017). <i>Angewandte Chemie</i> , 2017, 129, 929-929.	2.0	0
30	A Planar Five-Membered Aromatic Ring Stabilized by Only Two $\pi$ -Electrons. <i>Angewandte Chemie</i> , 0, , .	2.0	0