

Oliver Dumele

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

1,391
citations

18
h-index

35
g-index

35
ext. papers

1,626
ext. citations

9.1
avg. IF

4.9
L-index

#	Paper	IF	Citations
27	Molecular recognition in chemical and biological systems. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 3290-327	16.4	380
26	Halogen bonding molecular capsules. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 12339-44	16.4	130
25	Halogen bonding of (iodoethynyl)benzene derivatives in solution. <i>Organic Letters</i> , 2014 , 16, 4722-5	6.2	102
24	Molekulare Erkennung in chemischen und biologischen Systemen. <i>Angewandte Chemie</i> , 2015 , 127, 3341-3382	3.8	95
23	The Impact of Antiaromatic Subunits in [4n+2] π Systems: Bispentalenes with [4n+2] π Electron Perimeters and Antiaromatic Character. <i>Journal of the American Chemical Society</i> , 2015 , 137, 7178-88	16.4	94
22	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	16.4	81
21	Multifunctional superparamagnetic MnO@SiO ₂ core/shell nanoparticles and their application for optical and magnetic resonance imaging. <i>Journal of Materials Chemistry</i> , 2012 , 22, 9253		55
20	Supramolecular Energy Materials. <i>Advanced Materials</i> , 2020 , 32, e1907247	24	52
19	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, 12693-704	4.8	52
18	Pentalenes with novel topologies: exploiting the cascade carbopalladation reaction between alkynes and gem-dibromoolefins. <i>Chemical Science</i> , 2014 , 5, 965-972	9.4	46
17	6,6-Dicyanopentafulvenes: electronic structure and regioselectivity in [2 + 2] cycloaddition-retroelectrocyclization reactions. <i>Journal of the American Chemical Society</i> , 2012 , 134, 18139-46	16.4	45
16	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	3.2	37
15	Halogenverbundene molekulare Kapseln. <i>Angewandte Chemie</i> , 2015 , 127, 12516-12521	3.6	36
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, 3599-606	16.4	31
13	A disulfide intercalator toolbox for the site-directed modification of polypeptides. <i>Chemistry - A European Journal</i> , 2015 , 21, 228-38	4.8	30
12	Halogenverbundene supramolekulare Kapseln im Festkörper, in Lösung und in der Gasphase. <i>Angewandte Chemie</i> , 2017 , 129, 1172-1177	3.6	23
11	Design and Synthesis of Aviram-Ratner-Type Dyads and Rectification Studies in Langmuir-Blodgett (LB) Films. <i>Chemistry - A European Journal</i> , 2016 , 22, 10539-47	4.8	19

10	Cross-conjugation of DNA, proteins and peptides via a pH switch. <i>Chemical Science</i> , 2013 , 4, 1889	9.4	19
9	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, 211-21	4.8	17
8	From homoconjugated push-pull chromophores to donor-acceptor-substituted spiro systems by thermal rearrangement. <i>Chemistry - A European Journal</i> , 2014 , 20, 1279-86	4.8	12
7	Systematic Investigation of Resorcin[4]arene-Based Cavitands as Affinity Materials on Quartz Crystal Microbalances. <i>ChemPlusChem</i> , 2017 , 82, 493-497	2.8	11
6	Photocatalytic Aqueous CO Reduction to CO and CH Sensitized by Ullazine Supramolecular Polymers.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	5
5	Confined Spaces in [n]Cyclo-2,7-pyrenylenes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 14909-14914	16.4	5
4	Polymorphism and Optoelectronic Properties in Crystalline Supramolecular Polymers. <i>Chemistry of Materials</i> , 2021 , 33, 706-718	9.6	5
3	An Immucillin-Based Transition-State-Analogous Inhibitor of tRNA-Guanine Transglycosylase (TGT). <i>Chemistry - A European Journal</i> , 2016 , 22, 6750-4	4.8	3
2	Supramolekulare Bindungstaschen in [n]Cyclo-2,7-pyrenylenen. <i>Angewandte Chemie</i> , 2021 , 133, 15035-15041	16.4	2
1	Titelbild: Halogenverbrückte supramolekulare Kapseln im Festkörper, in Lösung und in der Gasphase (Angew. Chem. 4/2017). <i>Angewandte Chemie</i> , 2017 , 129, 929-929	3.6	