

Jan Freudenberg

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

713
citations

686830

13
h-index

552369

26
g-index

33
all docs

33
docs citations

33
times ranked

830
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>N</i> -Heteroacenes and <i>N</i> -Heteroarenes as <i>N</i> -Nanocarbon Segments. <i>Accounts of Chemical Research</i> , 2019, 52, 1575-1587.	7.6	149
2	Immobilization Strategies for Organic Semiconducting Conjugated Polymers. <i>Chemical Reviews</i> , 2018, 118, 5598-5689.	23.0	119
3	Unusual stabilization of larger acenes and heteroacenes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14011-14034.	2.7	72
4	Bromination Improves the Electron Mobility of Tetraazapentacene. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9543-9547.	7.2	42
5	“Butterfly Wings” Stabilize Heptacene. <i>Chemistry - A European Journal</i> , 2018, 24, 8087-8091.	1.7	35
6	Tetrabenzononacene: “Butterfly Wings” Stabilize the Core. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1966-1969.	7.2	25
7	One-step additive crosslinking of conjugated polyelectrolyte interlayers: improved lifetime and performance of solution-processed OLEDs. <i>Journal of Materials Chemistry C</i> , 2016, 4, 11150-11156.	2.7	24
8	Dibenzohexacene: Stabilization Through Additional Clar Sextets. <i>Chemistry - A European Journal</i> , 2018, 24, 1036-1040.	1.7	21
9	Stabilization by Benzannulation: Butterfly Azaacenes. <i>Chemistry - A European Journal</i> , 2018, 24, 12801-12805.	1.7	21
10	(Aza)Pentacenes Clipped into a Ring: Stabilization of Large (Aza)Acenes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9270-9273.	7.2	21
11	Azaacene Dimers: Acceptor Materials with a Twist. <i>Chemistry - A European Journal</i> , 2020, 26, 412-418.	1.7	18
12	Tetrabromtetraazapentacene: erhöhte Elektronenbeweglichkeit. <i>Angewandte Chemie</i> , 2018, 130, 9688-9692.	1.6	16
13	Yamamoto Coupling for the Synthesis of Benzophenes and Acene-Based Cyclooctatetraenes. <i>Chemistry - A European Journal</i> , 2018, 24, 9919-9927.	1.7	15
14	Tetrabenzononacene: “Butterfly Wings” Stabilize the Core. <i>Angewandte Chemie</i> , 2020, 132, 1982-1985.	1.6	14
15	Persistent Ambipolar Heptacenes and Their Redox Species. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	13
16	Benzo-fused Tri[8]annulenes as Molecular Models of Cubic Graphite. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20220-20224.	7.2	12
17	Cyclopentannulated Dihydrotetraazapentacenes. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	12
18	High-Resolution Electronic Excitation and Emission Spectra of Pentacene and 6,13-Diazapentacene Monomers and Weakly Bound Dimers by Matrix Isolation Spectroscopy. <i>Chemistry - A European Journal</i> , 2021, 27, 2072-2081.	1.7	10

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19	Nâ€Acenoacenes. Chemistry - A European Journal, 2019, 25, 14522-14526.	1.7	9
20	Diindenopyrazines: Electronâ€Deficient Arenes. Chemistry - A European Journal, 2021, 27, 10001-10005.	1.7	8
21	Kinetic Stabilization of Blueâ€Emissive Anthracenes: Phenylene Bridging Works Best. Chemistry - A European Journal, 2021, 27, 16606-16610.	1.7	8
22	Cyclodimers and Cyclotrimers of 2,3â€Bisalkynylated Anthracenes, Phenazines and Diazatetracenes. Chemistry - A European Journal, 2021, 27, 16320-16324.	1.7	6
23	Onâ€Surface Debromination of 2,3â€Bis(dibromomethyl)â€and 2,3â€Bis(bromomethyl)naphthalene: Dimerization or Polymerization?. Angewandte Chemie - International Edition, 2022, 61, .	7.2	6
24	Peralkynylated Tetraazaacene Derivatives. Chemistry - A European Journal, 2020, 26, 1013-1016.	1.7	5
25	<i>Cata</i>â€Annulated Azaacene Bisimides. Chemistry - A European Journal, 2021, 27, 12284-12288.	1.7	5
26	Benzoâ€fused Tri[8]annulenes as Molecular Models of Cubic Graphite. Angewandte Chemie, 2021, 133, 20382-20386.	1.6	5
27	Structure Set in Stone: Designing Rigid Linkers to Control the Efficiency of Intramolecular Singlet Fission. Journal of Physical Chemistry B, 2021, 125, 13235-13245.	1.2	5
28	(Aza)Pentacenes Clipped into a Ring: Stabilization of Large (Aza)Acenes. Angewandte Chemie, 2021, 133, 9356-9359.	1.6	4
29	TIPSâ€Ethylnylated Naphthodiquinoline and Naphthodiacridine: Novel Diazabisacenes. Chemistry - A European Journal, 2021, 27, 10569-10573.	1.7	4
30	Crosslinking Super Yellow to produce super OLEDs: Crosslinking with azides enables improved performance. Journal of Polymer Science, 2022, 60, 1878-1886.	2.0	4
31	Dimeric Phenazinothiadiazole Acceptors in Bulk Heterojunction Solar Cells. Organic Materials, 2021, 03, 168-173.	1.0	3
32	Stabile Ambipolare Heptacene und deren Redoxâ€Spezies. Angewandte Chemie, 2022, 134, .	1.6	2