

# Adam MatÄ›j

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6277218/publications.pdf>

Version: 2024-02-01

11  
papers

215  
citations

1307594

7  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

309  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorinated graphenes as advanced biosensors – effect of fluorine coverage on electron transfer properties and adsorption of biomolecules. <i>Nanoscale</i> , 2016, 8, 12134-12142.	5.6	60
2	Tailoring $\pi$ -conjugation and vibrational modes to steer on-surface synthesis of pentalene-bridged ladder polymers. <i>Nature Communications</i> , 2020, 11, 4567.	12.8	36
3	On-Surface Strain-Driven Synthesis of Nonalternant Non-Benzenoid Aromatic Compounds Containing Four- to Eight-Membered Rings. <i>Journal of the American Chemical Society</i> , 2021, 143, 14694-14702.	13.7	31
4	1D Coordination $\pi$ -Conjugated Polymers with Distinct Structures Defined by the Choice of the Transition Metal: Towards a New Class of Antiaromatic Macrocycles. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 439-445.	13.8	23
5	Chemisorption-Induced Formation of Biphenylene Dimer on Ag(111). <i>Journal of the American Chemical Society</i> , 2022, 144, 723-732.	13.7	20
6	Interplay between $\pi$ -Conjugation and Exchange Magnetism in One-Dimensional Porphyrinoid Polymers. <i>Journal of the American Chemical Society</i> , 2022, 144, 12725-12731.	13.7	15
7	On-Surface Synthesis of a Dicationic Diazahexabenzocoronene Derivative on the Au(111) Surface. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25551-25556.	13.8	12
8	Exploiting Cooperative Catalysis for the On-Surface Synthesis of Linear Heteroaromatic Polymers via Selective C-H Activation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	10
9	On-Surface Synthesis of a Dicationic Diazahexabenzocoronene Derivative on the Au(111) Surface. <i>Angewandte Chemie</i> , 2021, 133, 25755-25760.	2.0	6
10	Exploiting Cooperative Catalysis for the On-Surface Synthesis of Linear Heteroaromatic Polymers via Selective C-H Activation. <i>Angewandte Chemie</i> , 0, , .	2.0	2
11	1D Coordination $\pi$ -Conjugated Polymers with Distinct Structures Defined by the Choice of the Transition Metal: Towards a New Class of Antiaromatic Macrocycles. <i>Angewandte Chemie</i> , 2021, 133, 443-449.	2.0	0