

# Jochen R Brandt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/996785/publications.pdf>

Version: 2024-02-01

12  
papers

1,919  
citations

759233

12  
h-index

1125743

13  
g-index

17  
all docs

17  
docs citations

17  
times ranked

2380  
citing authors

#	ARTICLE	IF	CITATIONS
1	The added value of small-molecule chirality in technological applications. Nature Reviews Chemistry, 2017, 1, .	30.2	465
2	Circularly Polarized Phosphorescent Electroluminescence with a High Dissymmetry Factor from PHOLEDs Based on a Platinahelicene. Journal of the American Chemical Society, 2016, 138, 9743-9746.	13.7	387
3	A Highly <i>Para</i> -Selective Copper(II)-Catalyzed Direct Arylation of Aniline and Phenol Derivatives. Angewandte Chemie - International Edition, 2011, 50, 458-462.	13.8	315
4	Emergent Properties of an Organic Semiconductor Driven by its Molecular Chirality. ACS Nano, 2017, 11, 8329-8338.	14.6	136
5	Pathways to increase the dissymmetry in the interaction of chiral light and chiral molecules. Chemical Science, 2021, 12, 8589-8602.	7.4	127
6	500-Fold Amplification of Small Molecule Circularly Polarised Luminescence through Circularly Polarised FRET. Angewandte Chemie - International Edition, 2021, 60, 222-227.	13.8	108
7	A high throughput screen for next-generation leads targeting malaria parasite transmission. Nature Communications, 2018, 9, 3805.	12.8	92
8	Natural optical activity as the origin of the large chiroptical properties in $\pi$ -conjugated polymer thin films. Nature Communications, 2020, 11, 6137.	12.8	73
9	Mechanism of electrophilic fluorination with Pd(IV): fluoride capture and subsequent oxidative fluoride transfer. Chemical Science, 2014, 5, 169-179.	7.4	53
10	500-Fold Amplification of Small Molecule Circularly Polarised Luminescence through Circularly Polarised FRET. Angewandte Chemie, 2021, 133, 224-229.	2.0	41
11	Intense redox-driven chiroptical switching with a 580 mV hysteresis actuated through reversible dimerization of an azoniahelicene. Chemical Communications, 2017, 53, 9059-9062.	4.1	31
12	Chemical Management: Storage and Inventory in Research Laboratories. Journal of Chemical Health and Safety, 2022, 29, 62-71.	2.1	5