

# Christopher A Muryn

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3152857/publications.pdf>

Version: 2024-02-01

7  
papers

1,158  
citations

1163117

8  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

2311  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct visualization of defect-mediated dissociation of water on TiO <sub>2</sub> (110). Nature Materials, 2006, 5, 189-192.	27.5	583
2	Nanostructured Aptamer-Functionalized Black Phosphorus Sensing Platform for Label-Free Detection of Myoglobin, a Cardiovascular Disease Biomarker. ACS Applied Materials & Interfaces, 2016, 8, 22860-22868.	8.0	208
3	Thin Films of Molybdenum Disulfide Doped with Chromium by Aerosol-Assisted Chemical Vapor Deposition (AACVD). Chemistry of Materials, 2015, 27, 1367-1374.	6.7	78
4	Self-assembly of a layered two-dimensional molecularly woven fabric. Nature, 2020, 588, 429-435.	27.8	74
5	Synthesis, Structures, and Reactivity of Chelating Bis-N-Heterocyclic-Carbene Complexes of Iron(II). Organometallics, 2011, 30, 4974-4982.	2.3	70
6	A One-Pot Synthesis of Monodispersed Iron Cobalt Oxide and Iron Manganese Oxide Nanoparticles from Bimetallic Pivalate Clusters. Chemistry of Materials, 2014, 26, 999-1013.	6.7	50
7	Atypically small temperature-dependence of the direct band gap in the metastable semiconductor copper nitride $\text{Cu}_3\text{N}$ . Physical Review B, 2017, 95, .	3.2	35