

# Muhandis Shiddiq

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6239131/publications.pdf>

Version: 2024-02-01

8  
papers

898  
citations

1307366

7  
h-index

1474057

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

1398  
citing authors

| # | ARTICLE   | IF   | CITATIONS |
|---|---|------|-----------|
| 1 | Enhancing coherence in molecular spin qubits via atomic clock transitions. <i>Nature</i> , 2016, 531, 348-351.  | 13.7 | 442       |
| 2 | Influence of the Ligand Field on Slow Magnetization Relaxation versus Spin Crossover in Mononuclear Cobalt Complexes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11290-11293.                   | 7.2  | 192       |
| 3 | Influence of Electronic Spin and Spin-Orbit Coupling on Decoherence in Mononuclear Transition Metal Complexes. <i>Journal of the American Chemical Society</i> , 2014, 136, 7623-7626.                            | 6.6  | 120       |
| 4 | Covalently Linked Dimer of Mn <sub>3</sub> Single-Molecule Magnets and Retention of Its Structure and Quantum Properties in Solution. <i>Journal of the American Chemical Society</i> , 2015, 137, 7160-7168.     | 6.6  | 50        |
| 5 | Supramolecular aggregates of single-molecule magnets: exchange-biased quantum tunneling of magnetization in a rectangular [Mn <sub>3</sub> ] <sub>4</sub> tetramer. <i>Chemical Science</i> , 2016, 7, 1156-1173. | 3.7  | 47        |
| 6 | New Nanostructured Materials: Synthesis of Dodecanuclear Ni <sup>II</sup> Complexes and Surface Deposition Studies. <i>Chemistry - A European Journal</i> , 2013, 19, 9064-9071.                                  | 1.7  | 19        |
| 7 | A New "Offset" Analogue of the Classical Oxime-Bridged [Mn <sup>III</sup> ] <sub>6</sub> Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2015, 54, 1883-1889.   | 1.9  | 8         |
| 8 | Tuning the electrical properties of colloidal nanoalloys by varying their composition. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 641, 128496.                               | 2.3  | 2         |