

# Ana Maria Aria Ariciu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1396825/publications.pdf>

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8  
papers

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citations

1306789

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#	ARTICLE	IF	CITATIONS
1	Engineering electronic structure to prolong relaxation times in molecular qubits by minimising orbital angular momentum. <i>Nature Communications</i> , 2019, 10, 3330.	5.8	64
2	Novel mononuclear and 1D-polymeric derivatives of lanthanides and ( $\eta^6$ -benzoic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70 3369-3380.	1.6	25
3	Molecular single-ion magnets based on lanthanides and actinides: Design considerations and new advances in the context of quantum technologies. <i>Coordination Chemistry Reviews</i> , 2017, 346, 216-239.	9.5	282
4	Actinide covalency measured by pulsed electron paramagnetic resonance spectroscopy. <i>Nature Chemistry</i> , 2017, 9, 578-583.	6.6	102
5	A sub-Kelvin cryogen-free EPR system. <i>Journal of Magnetic Resonance</i> , 2017, 282, 83-88.	1.2	2
6	Evidence of Slow Magnetic Relaxation in $\text{Co}(\text{AcO})_2(\text{py})_2(\text{H}_2\text{O})_2$ . <i>Magnetochemistry</i> , 2016, 2, 23.	1.0	36
7	Toward Molecular 4f Single-Ion Magnet Qubits. <i>Journal of the American Chemical Society</i> , 2016, 138, 5801-5804.	6.6	201
8	A monometallic lanthanide bis(methanediide) single molecule magnet with a large energy barrier and complex spin relaxation behaviour. <i>Chemical Science</i> , 2016, 7, 155-165.	3.7	300