

Valentin Kunz

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

9

papers

465

citations

9

h-index

10

g-index

10

ext. papers

541

ext. citations

13.5

avg, IF

3.92

L-index

#	Paper	IF	Citations
9	A supramolecular ruthenium macrocycle with high catalytic activity for water oxidation that mechanistically mimics photosystem II. <i>Nature Chemistry</i> , 2016 , 8, 576-83	17.6	153
8	Bright Fluorescence and Host-Guest Sensing with a Nanoscale M ₄ L ₆ Tetrahedron Accessed by Self-Assembly of Zinc-Imine Chelate Vertices and Perylene Bisimide Edges. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7285-9	16.4	90
7	Subcomponent self-assembly of a 4 nm M ₄ L ₆ tetrahedron with Zn(II) vertices and perylene bisimide dye edges. <i>Chemistry - A European Journal</i> , 2015 , 21, 2766-9	4.8	52
6	Embedding of a ruthenium(ii) water oxidation catalyst into nanofibers via self-assembly. <i>Chemical Communications</i> , 2015 , 51, 290-3	5.8	46
5	Trinuclear Ruthenium Macrocycles: Toward Supramolecular Water Oxidation Catalysis in Pure Water. <i>ACS Energy Letters</i> , 2017 , 2, 288-293	20.1	29
4	Bright Fluorescence and Host-Guest Sensing with a Nanoscale M ₄ L ₆ Tetrahedron Accessed by Self-Assembly of Zinc-Imine Chelate Vertices and Perylene Bisimide Edges. <i>Angewandte Chemie</i> , 2015 , 127, 7393-7397	3.6	27
3	Cooperative water oxidation catalysis in a series of trinuclear metallosupramolecular ruthenium macrocycles. <i>Energy and Environmental Science</i> , 2017 , 10, 2137-2153	35.4	27
2	Synthesis and coordinative layer-by-layer deposition of pyridine-functionalized gold nanoparticles and tetralactam macrocycles on silicon substrates. <i>Langmuir</i> , 2013 , 29, 14284-92	4	11
1	Principal component analysis (PCA)-assisted time-of-flight secondary-ion mass spectrometry (ToF-SIMS): a versatile method for the investigation of self-assembled monolayers and multilayers as precursors for the bottom-up approach of nanoscaled devices. <i>Analytical Chemistry</i> , 2014 , 86, 5740-8	7.8	9