

Markus J Leitl

List of Publications by Year in descending order

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759233

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1716
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#	ARTICLE	IF	CITATIONS
1	Dinuclear Cu(I) Complex with Combined Bright TADF and Phosphorescence. Zero-Field Splitting and Spin- ¹ Lattice Relaxation Effects of the Triplet State. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2848-2856.	4.6	60
2	Cu(I) complexes - Thermally activated delayed fluorescence. Photophysical approach and material design. <i>Coordination Chemistry Reviews</i> , 2016, 325, 2-28.	18.8	416
3	Copper(I) Complexes for Thermally Activated Delayed Fluorescence: From Photophysical to Device Properties. <i>Topics in Current Chemistry</i> , 2016, 374, 25.	5.8	133
4	Encapsulation of Functional Organic Compounds in Nanoglass for Optically Anisotropic Coatings. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4963-4967.	13.8	20
5	Halocuprate zigzag chain structures with N-methylated DABCO cations - bright metal-centered luminescence and thermally activated color shifts. <i>Dalton Transactions</i> , 2015, 44, 19305-19313.	3.3	24
6	A new class of deep-blue emitting Cu compounds - effects of counter ions on the emission behavior. <i>Dalton Transactions</i> , 2015, 44, 20045-20055.	3.3	47
7	Quasi-epitaxial Growth of [Ru(bpy) ₃] ²⁺ by Confinement in Clay Nanoplatelets Yields Polarized Emission. <i>Small</i> , 2015, 11, 792-796.	10.0	8
8	A new class of luminescent Cu complexes with tripodal ligands - TADF emitters for the yellow to red color range. <i>Dalton Transactions</i> , 2015, 44, 8506-8520.	3.3	84
9	Phosphorescence versus Thermally Activated Delayed Fluorescence. Controlling Singlet-Triplet Splitting in Brightly Emitting and Sublimable Cu(I) Compounds. <i>Journal of the American Chemical Society</i> , 2014, 136, 16032-16038.	13.7	372
10	TADF for singlet harvesting: next generation OLED materials based on brightly green and blue emitting Cu(I) and Ag(I) compounds. <i>Proceedings of SPIE</i> , 2014, . .	0.8	22
11	Thermally Activated Delayed Fluorescence (TADF) and Enhancing Photoluminescence Quantum Yields of [Cu ^I (diimine)(diphosphine)] ⁺ Complexes - Photophysical, Structural, and Computational Studies. <i>Inorganic Chemistry</i> , 2014, 53, 10854-10861.	4.0	198
12	Brightly Blue and Green Emitting Cu(I) Dimers for Singlet Harvesting in OLEDs. <i>Journal of Physical Chemistry A</i> , 2013, 117, 11823-11836.	2.5	224
13	Photophysical Properties of Cyclometalated Pt(II) Complexes: Counterintuitive Blue Shift in Emission with an Expanded Ligand - System. <i>Inorganic Chemistry</i> , 2013, 52, 12403-12415.	4.0	143