

David C Mayer

List of Publications by Year in descending order

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13
papers

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1163117

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times ranked

1255
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances of multiphoton absorption in metal-organic frameworks. <i>Journal of Materials Chemistry C</i> , 2022, 10, 6912-6934.	5.5	12
2	A nitrophenyl-carbazole based push-pull linker as a building block for non-linear optical active coordination polymers: A structural and photophysical study. <i>Dyes and Pigments</i> , 2021, 186, 109012.	3.7	8
3	Scrutinizing ligand exchange reactions in the formation of the precious group metal-organic framework Ru ^{II} -HKUST-1: the impact of diruthenium tetracarboxylate precursor and modulator choice. <i>Dalton Transactions</i> , 2021, 50, 5226-5235.	3.3	2
4	Investigation of Solvatomorphism and Its Photophysical Implications for Archetypal Trinuclear Au ₃ (1-Methylimidazolate) ₃ . <i>Molecules</i> , 2021, 26, 4404.	3.8	0
5	Introducing Benzene-1,3,5-tri(dithiocarboxylate) as a Multidentate Linker in Coordination Chemistry. <i>Inorganic Chemistry</i> , 2021, 60, 19242-19252.	4.0	2
6	Postsynthetic Framework Contraction Enhances the Two-Photon Absorption Properties of Pillar-Layered Metal-Organic Frameworks. <i>Chemistry of Materials</i> , 2020, 32, 5682-5690.	6.7	15
7	Controlling Multiphoton Absorption Efficiency by Chromophore Packing in Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019, 141, 11594-11602.	13.7	56
8	Nicht-schuldiger Methylen-Linker in verbrückten Lewis-Paar-Initiatoren. <i>Angewandte Chemie</i> , 2019, 131, 9902-9906.	2.0	6
9	Non-innocent Methylene Linker in Bridged Lewis Pair Initiators. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9797-9801.	13.8	22
10	Influence of wing-tip substituents and reaction conditions on the structure, properties and cytotoxicity of Ag ^I and Au ^I -bis(NHC) complexes. <i>Dalton Transactions</i> , 2017, 46, 2722-2735.	3.3	33
11	A New Class of Lasing Materials: Intrinsic Stimulated Emission from Nonlinear Optically Active Metal-Organic Frameworks. <i>Advanced Materials</i> , 2017, 29, 1605637.	21.0	91
12	Nonlinear optical properties, upconversion and lasing in metal-organic frameworks. <i>Chemical Society Reviews</i> , 2017, 46, 4976-5004.	38.1	493
13	The Ambivalent Nature of Halogenated Tropone Derivatives: Dihalocycloheptatriene vs. Halotropylum Halide. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4255-4259.	2.4	5