

Daniel G Chica

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	CsPbBr ₃ perovskite detectors with 1.4% energy resolution for high-energy $\hat{\Gamma}^3$ -rays. <i>Nature Photonics</i> , 2021, 15, 36-42.	31.4	210
2	Resolving the Energy of $\hat{\Gamma}^3$ -Ray Photons with MAPbI ₃ Single Crystals. <i>ACS Photonics</i> , 2018, 5, 4132-4138.	6.6	100
3	Thermally induced migration of a polyoxometalate within a metal-organic framework and its catalytic effects. <i>Journal of Materials Chemistry A</i> , 2018, 6, 7389-7394.	10.3	71
4	Direct thermal neutron detection by the 2D semiconductor 6LiInP ₂ Se ₆ . <i>Nature</i> , 2020, 577, 346-349.	27.8	59
5	Panoramic Synthesis as an Effective Materials Discovery Tool: The System Cs/Sn/P/Se as a Test Case. <i>Journal of the American Chemical Society</i> , 2017, 139, 10814-10821.	13.7	29
6	Ultralow Thermal Conductivity and High-Temperature Thermoelectric Performance in n-Type K _{2.5} Bi _{8.5} Se ₁₄ . <i>Chemistry of Materials</i> , 2019, 31, 5943-5952.	6.7	25
7	Perovskites with a Twist: Strong In ¹⁺ Off-Centering in the Mixed-Valent CsInX ₃ (X = Cl, Br). <i>Chemistry of Materials</i> , 2019, 31, 9554-9566.	6.7	22
8	P ₂ S ₅ Reactive Flux Method for the Rapid Synthesis of Mono- and Bimetallic 2D Thiophosphates M ₂ X ₂ M ²⁺ P ₂ S ₆ . <i>Inorganic Chemistry</i> , 2021, 60, 3502-3513.	4.0	18
9	High Hole Mobility and Nonsaturating Giant Magnetoresistance in the New 2D Metal NaCu ₄ Se ₄ Synthesized by a Unique Pathway. <i>Journal of the American Chemical Society</i> , 2019, 141, 635-642.	13.7	14
10	Mixed Metal Thiophosphate Fe ₂ X ₂ Co ₂ P ₂ S ₆ : Role of Structural Evolution and Anisotropy. <i>Inorganic Chemistry</i> , 2021, 60, 17268-17275.	4.0	8
11	Sn ⁴⁺ B ₁₂ Se ₁₂ [Q ₂], Q = Se, Te, a B ₁₂ Cluster Tunnel Framework Hosting Neutral Chalcogen Chains. <i>Chemistry of Materials</i> , 2021, 33, 1723-1730.	6.7	6
12	Photoluminescent Re ₆ Q ₈ I ₂ (Q = S, Se) Semiconducting Cluster Compounds. <i>Chemistry of Materials</i> , 2021, 33, 5780-5789.	6.7	5
13	Structural and chemical analysis of mixed cation antiferromagnetic layered metal chalcophosphate FeCoP ₂ S ₆ . <i>Microscopy and Microanalysis</i> , 2021, 27, 140-143.	0.4	1
14	Metal Thio/Selenophosphates: A Novel Two-Dimensional Materials System. <i>Microscopy and Microanalysis</i> , 2019, 25, 978-979.	0.4	0