

Jena M Mccollum

List of Publications by Year in descending order

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17
papers

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citations

1162889

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18
docs citations

18
times ranked

318
citing authors

#	ARTICLE	IF	CITATIONS
1	Activating Aluminum Reactivity with Fluoropolymer Coatings for Improved Energetic Composite Combustion. ACS Applied Materials & Interfaces, 2015, 7, 18742-18749.	4.0	127
2	3D printing multifunctional fluorinated nanocomposites: tuning electroactivity, rheology and chemical reactivity. Journal of Materials Chemistry A, 2018, 6, 12308-12315.	5.2	62
3	Morphological and combustion study of interface effects in aluminum-poly(vinylidene fluoride) composites. Materials and Design, 2017, 134, 64-70.	3.3	55
4	Catalyzing aluminum particle reactivity with a fluorine oligomer surface coating for energy generating applications. Journal of Fluorine Chemistry, 2015, 180, 265-271.	0.9	37
5	Halogen Bonding in Dithiane/Iodo fluorobenzene Mixtures: A New Class of Hydrophobic Deep Eutectic Solvents. Angewandte Chemie - International Edition, 2021, 60, 22983-22989.	7.2	24
6	Effect of environment on iodine oxidation state and reactivity with aluminum. Physical Chemistry Chemical Physics, 2016, 18, 11243-11250.	1.3	19
7	Development of flexible, free-standing, thin films for additive manufacturing and localized energy generation. AIP Advances, 2015, 5, .	0.6	14
8	Photoinduced heat conversion enhancement of metallic glass nanowire arrays. Journal of Applied Physics, 2019, 125, .	1.1	10
9	Manipulating polymer decomposition to alter burn performance in aluminium/ poly(vinylidene fluoride) energetic composites. Journal of Applied Physics, 2019, 125, .	1.6	10
10	Halogen Bonding in Dithiane/Iodo fluorobenzene Mixtures: A New Class of Hydrophobic Deep Eutectic Solvents. Angewandte Chemie, 2021, 133, 23165.	1.6	7
11	Balancing processing ease with combustion performance in aluminum/PVDF energetic filaments. Journal of Materials Research, 2021, 36, 203-210.	1.2	7
12	Preparation and Thermal Analysis of Blended Nanoaluminum/Fluorinated Polyether-Segmented Urethane Composites. Journal of Composites Science, 2019, 3, 25.	1.4	5
13	Manufacturing strategies in fluorinated polymers and composites. , 2020, , 275-301.		2
14	Interface History on Strain Field Evolution in Epoxy Resins. ACS Applied Polymer Materials, 2022, 4, 1535-1542.	2.0	2
15	Expanding Fluorinated Energetic Feedstock for Fused Deposition Modeling. Advanced Engineering Materials, 0, , 2100710.	1.6	1
16	Cover Image, Volume 70, Issue 6. Polymer International, 2021, 70, .	1.6	0
17	Balancing processing ease with combustion performance in aluminum/PVDF energetic filaments. Journal of Materials Research, 2021, 36, 1-8.	1.2	0