

Elizabeth M Carnicom

List of Publications by Year in descending order

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papers

226
citations

1039406

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19
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345
citing authors

#	ARTICLE	IF	CITATIONS
1	TaRh ₂ B ₂ and NbRh ₂ B ₂ : Superconductors with a chiral noncentrosymmetric crystal structure. Science Advances, 2018, 4, eaar7969.	4.7	73
2	Influence of Solvent on Radical Trap-Assisted Dimerization and Cyclization of Polystyrene Radicals. Macromolecules, 2016, 49, 7804-7813.	2.2	20
3	Superconductivity in the superhard boride WB _{4.2} . Superconductor Science and Technology, 2018, 31, 115005.	1.8	19
4	Importance of Specific Heat Characterization when Reporting New Superconductors: An Example of Superconductivity in LiGa ₂ Rh. Chemistry of Materials, 2019, 31, 2164-2173.	3.2	18
5	Polymerization of styrene and cyclization to macrocyclic polystyrene in a one-pot, two-step sequence. Reactive and Functional Polymers, 2014, 80, 9-14.	2.0	16
6	Soft-mode enhanced type-I superconductivity in LiP_{2}Ge . Physical Review B, 2020, 102, .	1.1	15
7	CeIr ₃ : superconductivity in a phase based on tetragonally close packed clusters. Superconductor Science and Technology, 2019, 32, 025008.	1.8	14
8	One pot, two step sequence converting atom transfer radical polymerization directly to radical trap-assisted atom transfer radical coupling. Polymer, 2013, 54, 5560-5567.	1.8	11
9	Structure and characterization of charge transfer complexes of benzo[1,2-b:3,4-b'â€²:5,6-b'â€²â€²]trithiophene [C _{3h} -BTT]. CrystEngComm, 2017, 19, 6355-6364.	1.3	11
10	Effect of Trapping Agent and Polystyrene Chain End Functionality on Radical Trap-Assisted Atom Transfer Radical Coupling. Polymers, 2014, 6, 2737-2751.	2.0	7
11	Radical Trap-Assisted Atom Transfer Radical Coupling of Diblock Copolymers as a Method of Forming Triblock Copolymers. Macromolecular Chemistry and Physics, 2016, 217, 2473-2482.	1.1	5
12	Synthesis and physical properties of the 10.6 K ferromagnet $\text{Nd}_{1-x}\text{Ru}_x$. Physical Review B, 2019, 99, .	1.1	4
13	Stabilizing the Tb-based 214 cuprate by partial Pd substitution. Journal of Materials Research, 2018, 33, 1690-1697.	1.2	3
14	Growth, Crystal Structure and Magnetic Characterization of Zn-Stabilized CePtIn ₄ . Journal of the Physical Society of Japan, 2017, 86, 084710.	0.7	2
15	The LaPdIn ₄ indide and elementary properties of the LaTIn ₄ (T=ÂNi, Pd, Pt) materials family. Journal of Alloys and Compounds, 2017, 694, 682-686.	2.8	2
16	Synthesis and characterization of the novel antiferromagnet LaNiB ₃ O ₇ . Journal of Solid State Chemistry, 2019, 272, 113-117.	1.4	2
17	Superconductivity in the Nb-Ru-Ge if phase. Physical Review Materials, 2017, 1, .	0.9	2
18	New if -phases in the Nbâ€“Xâ€“Ga and Nbâ€“Xâ€“Al systems (X = Ru, Rh, Pd, Ir, Pt, and Au). Dalton Transactions, 2017, 46, 14158-14163.	1.6	1

#	ARTICLE	IF	CITATIONS
19	The $\bar{\Gamma}$ -phase superconductors Nb _{20.4} Rh _{5.7} Ge _{3.9} and Nb _{20.4} Rh _{5.7} Si _{3.9} . Solid State Communications, 2018, 284-286, 96-101.	0.9	1