Lianjie Zhai

List of Publications by Year
in descending order

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7 papers	135 citations	1307594 7 h-index	1720034 7 g-index
7 all docs	7 docs citations	7 times ranked	114 citing authors

#	Article	IF	Citations
1	New Strategy for Enhancing Energetic Properties by Regulating Trifuroxan Configuration: 3,4-Bis(3-nitrofuroxan-4-yl)furoxan. Scientific Reports, 2019, 9, 4321.	3.3	35
2	Exploring the highly dense energetic materials via regiochemical modulation: A comparative study of two fluorodinitromethyl-functionalized herringbone trifuroxans. Chemical Engineering Journal, 2020, 391, 123573.	12.7	28
3	High Energy Density Materials Incorporating 4,5â€Bis(dinitromethyl)â€Furoxanate and 4,5â€Bis(dinitromethyl)â€3â€Oxyâ€Furoxanate. ChemPlusChem, 2016, 81, 1156-1159.	2.8	23
4	A New Synthetic Route for 3,3â€²-Bis(fluorodinitromethyl)difurazanyl Ether (FOF-13) and Its Energetic Properties. Journal of Energetic Materials, 2016, 34, 92-102.	2.0	22
5	Balancing good oxygen balance and high heat of formation by incorporating of -C(NO2)2F Moiety and Tetrazole into Furoxan block. Journal of Molecular Structure, 2020, 1222, 128934.	3.6	10
6	Synthetic Strategies Toward Nitrogen-Rich Energetic Compounds Via the Reaction Characteristics of Cyanofurazan/Furoxan. Frontiers in Chemistry, 2022, 10, 871684.	3.6	10
7	3,4-Bis(3-tetrazolylfuroxan-4-yl)furoxan: A Linear Câ€“C Bonded Pentaheterocyclic Energetic Material with High Heat of Formation and Superior Performance. ACS Omega, 2020, 5, 11115-11122.	3.5	7