

Mb Talawar Or Mb Talwar Or Mahadev

List of Publications by Year in descending order

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25
papers

2,542
citations

430874

18
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

1602
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in science and technology of modern energetic materials: An overview. Journal of Hazardous Materials, 2008, 151, 289-305.	12.4	815
2	Environmentally compatible next generation green energetic materials (GEMs). Journal of Hazardous Materials, 2009, 161, 589-607.	12.4	598
3	Synthesis, characterization and thermolysis of 1,1-diamino-2,2-dinitroethylene (FOX-7) and its salts. Journal of Hazardous Materials, 2006, 137, 812-819.	12.4	162
4	Synthesis, characterization and thermal studies on furazan- and tetrazine-based high energy materials. Journal of Hazardous Materials, 2004, 113, 11-25.	12.4	110
5	Primary explosives: Electrostatic discharge initiation, additive effect and its relation to thermal and explosive characteristics. Journal of Hazardous Materials, 2006, 137, 1074-1078.	12.4	106
6	Computer simulation for prediction of performance and thermodynamic parameters of high energy materials. Journal of Hazardous Materials, 2004, 112, 17-33.	12.4	104
7	Synthesis, characterization and thermolysis studies on new derivatives of 2,4,5-trinitroimidazoles: Potential insensitive high energy materials. Journal of Hazardous Materials, 2007, 143, 192-197.	12.4	75
8	Synthesis, characterization and thermolysis studies on triazole and tetrazole based high nitrogen content high energy materials. Journal of Hazardous Materials, 2006, 137, 672-680.	12.4	65
9	Method for preparation of fine TATB ($2\hat{a}^{\circ}5\hat{1}\frac{1}{4}m$) and its evaluation in plastic bonded explosive (PBX) formulations. Journal of Hazardous Materials, 2006, 137, 1848-1852.	12.4	64
10	Energetic co-ordination compounds: synthesis, characterization and thermolysis studies on bis-(5-nitro-2H-tetrazolato-N ₂)tetraammine cobalt(III) perchlorate (BNCP) and its new transition metal (Ni/Cu/Zn) perchlorate analogues. Journal of Hazardous Materials, 2005, 120, 25-35.	12.4	57
11	Selective O-methylation of catechol using dimethyl carbonate over calcined Mg $\hat{1}$ -Al hydrotalcites. Applied Catalysis A: General, 2001, 211, 41-46.	4.3	56
12	Studies on salts of 3-nitro-1,2,4-triazol-5-one (NTO) and 2,4,6-trinitroanilino benzoic acid (TABA): Potential energetic ballistic modifiers. Journal of Hazardous Materials, 2005, 123, 54-60.	12.4	51
13	Influence of acid-base properties of mixed oxides derived from hydrotalcite-like precursors in the transfer hydrogenation of propiophenone. Journal of Molecular Catalysis A, 2000, 157, 193-198.	4.8	48
14	Studies on lead-free initiators: synthesis, characterization and performance evaluation of transition metal complexes of carbohydrazide. Journal of Hazardous Materials, 2004, 113, 57-65.	12.4	43
15	Synthesis, characterization, thermolysis and performance evaluation studies on alkali metal salts of TABA and NTO. Journal of Hazardous Materials, 2005, 119, 53-61.	12.4	34
16	Synthesis, characterization and thermal studies of (Ni/Co) metal salts of hydrazine: potential initiatory compounds. Journal of Hazardous Materials, 2003, 99, 225-239.	12.4	32
17	Synthesis, characterization and thermolysis studies on 3,7-dinitro-1,3,5,7-tetraazabicyclo[3,3,1]nonane (DPT): A key precursor in the synthesis of most powerful benchmark energetic materials (RDX/HMX) of today. Journal of Hazardous Materials, 2008, 152, 1317-1324.	12.4	23
18	Studies on diaminoglyoxime (DAG): Thermolysis and evaluation as ballistic modifier in double base propellant. Journal of Hazardous Materials, 2005, 125, 17-22.	12.4	18

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19	Synthesis, characterization and evaluation of 1,2-bis(2,4,6-trinitrophenyl) hydrazine: A key precursor for the synthesis of high performance energetic materials. Journal of Hazardous Materials, 2009, 172, 276-279.	12.4	17
20	Synthesis, characterization, thermolysis and performance evaluation of mercuric-5-nitrotetrazole (MNT). Journal of Hazardous Materials, 2004, 113, 27-33.	12.4	14
21	Diaminofurazan (DAF): Thermolysis and evaluation as ballistic modifier in double base propellant. Journal of Hazardous Materials, 2006, 136, 978-981.	12.4	13
22	Formation of anisaldehyde via hydroxymethylation of anisole over SnO ₂ –CeO ₂ catalysts. Catalysis Letters, 2000, 64, 151-155.	2.6	11
23	Computer code to predict the heat of explosion of high energy materials. Journal of Hazardous Materials, 2009, 161, 714-717.	12.4	11
24	Spectro-thermal decomposition study of 1,4-dinitroglycoluril (DINGU). Journal of Hazardous Materials, 2005, 119, 63-68.	12.4	8
25	Microwave assisted facile synthesis of {1/1,3-bis/1,3,5-tris-[(2-nitroxyethylnitramino)-2,4,6-trinitrobenzene]} using bismuth nitrate pentahydrate as an eco-friendly nitrating agent. Journal of Hazardous Materials, 2008, 152, 820-825.	12.4	7