Vikas K Bhosale

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1969895/publications.pdf

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19	364	687363 13	839539 18
papers	citations	h-index	g-index

19	19	19	273
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phosphinateâ€“benzoindocyanin fluorescent probe for endogenous mitochondrial peroxynitrite detection in living cells and gallbladder access in inflammatory zebrafish animal models. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 267, 120568.	3.9	15
2	Demonstration of ammonia borane-based hypergolic ignitor for hybrid rocket. Acta Astronautica, 2022, 196, 85-93.	3.2	16
3	Ultrafast igniting, low toxicity hypergolic hybrid solid fuels and hydrogen peroxide oxidizer. Fuel, 2021, 286, 119307.	6.4	28
4	Three-Dimensionally Printed Polylactic Acid as Solid Fuel for Hydrogen Peroxide Hybrid Rockets. Journal of Propulsion and Power, 2021, 37, 171-175.	2.2	5
5	A water-soluble boronate masked benzoindocyanin fluorescent probe for the detection of endogenous mitochondrial peroxynitrite in live cells and zebrafish as inflammation models. Dyes and Pigments, 2021, 191, 109371.	3.7	25
6	Rapid ignition of â€œgreenâ€•bipropellants enlisting hypergolic copper (II) promoter-in-fuel. Fuel, 2021, 297, 120734.	6.4	16
7	Synergistic effect of a hybrid additive for hydrogen peroxide-based low toxicity hypergolic propellants. Combustion and Flame, 2021, 231, 111450.	5.2	10
8	Sodium Iodide: a Trigger for Hypergolic Ignition of Non-toxic Fuels With Hydrogen Peroxide. , 2020, , .		1
9	Additive-promoted hypergolic ignition of ionic liquid with hydrogen peroxide. Combustion and Flame, 2020, 214, 426-436.	5.2	39
10	Ignition of boron-based green hypergolic fuels with hydrogen peroxide. Fuel, 2019, 255, 115729.	6.4	53
11	Separation of nitroaromatics from wastewater by using supported ionic liquid membranes. Journal of Water Process Engineering, 2019, 32, 100925.	5.6	15
12	Ignition study of amine borane/cyanoborane based green hypergolic fuels. Combustion and Flame, 2019, 210, 1-8.	5.2	17
13	Removal of Phenol from Organic System by Using Ionic Liquids. Current Environmental Engineering, 2019, 6, 126-133.	0.6	9
14	Ultrafast igniting, imidazolium based hypergolic ionic liquids with enhanced hydrophobicity. New Journal of Chemistry, 2017, 41, 1250-1258.	2.8	29
15	Theoretical performance evaluation of hypergolic ionic liquid fuels with storable oxidizers. New Journal of Chemistry, 2017, 41, 9889-9896.	2.8	12
16	Ionic Liquid and Biofuel Blend: A Low-cost and High Performance Hypergolic Fuel for Propulsion Application. ChemistrySelect, 2016, 1, 1921-1925.	1.5	25
17	Hypergolic Behavior of Pyridinium Salts Containing Cyanoborohydride and Dicyanamide Anions with Oxidizer RFNA. Propellants, Explosives, Pyrotechnics, 2016, 41, 1013-1019.	1.6	16
18	Treatment of energetic material contaminated wastewater using ionic liquids. RSC Advances, 2015, 5, 20503-20510.	3.6	10

#	Article	IF	Citations
19	Emulsion ionic liquid membranes (EILMs) for removal of Pb(<scp>ii</scp>) from aqueous solutions. RSC Advances, 2014, 4, 52316-52323.	3.6	23