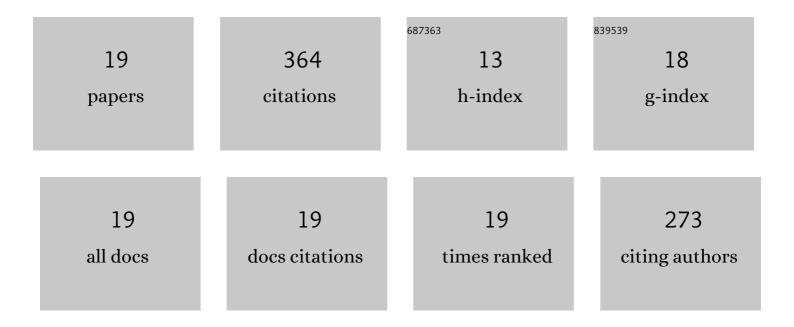
Vikas K Bhosale

List of Publications by Year in descending order

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VIENS K RHOSALE

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Ignition of boron-based green hypergolic fuels with hydrogen peroxide. Fuel, 2019, 255, 115729. | 6.4 | 53 |
| 2 | Additive-promoted hypergolic ignition of ionic liquid with hydrogen peroxide. Combustion and Flame, 2020, 214, 426-436. | 5.2 | 39 |
| 3 | Ultrafast igniting, imidazolium based hypergolic ionic liquids with enhanced hydrophobicity. New Journal of Chemistry, 2017, 41, 1250-1258. | 2.8 | 29 |
| 4 | Ultrafast igniting, low toxicity hypergolic hybrid solid fuels and hydrogen peroxide oxidizer. Fuel, 2021, 286, 119307. | 6.4 | 28 |
| 5 | Ionic Liquid and Biofuel Blend: A Low-cost and High Performance Hypergolic Fuel for Propulsion Application. ChemistrySelect, 2016, 1, 1921-1925. | 1.5 | 25 |
| 6 | 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 |
| 7 | Emulsion ionic liquid membranes (EILMs) for removal of Pb(<scp>ii</scp>) from aqueous solutions. RSC Advances, 2014, 4, 52316-52323. | 3.6 | 23 |
| 8 | lgnition study of amine borane/cyanoborane based green hypergolic fuels. Combustion and Flame, 2019, 210, 1-8. | 5.2 | 17 |
| 9 | Hypergolic Behavior of Pyridinium Salts Containing Cyanoborohydride and Dicyanamide Anions with Oxidizer RFNA. Propellants, Explosives, Pyrotechnics, 2016, 41, 1013-1019. | 1.6 | 16 |
| 10 | Rapid ignition of "green―bipropellants enlisting hypergolic copper (II) promoter-in-fuel. Fuel, 2021, 297, 120734. | 6.4 | 16 |
| 11 | Demonstration of ammonia borane-based hypergolic ignitor for hybrid rocket. Acta Astronautica, 2022, 196, 85-93. | 3.2 | 16 |
| 12 | Separation of nitroaromatics from wastewater by using supported ionic liquid membranes. Journal of Water Process Engineering, 2019, 32, 100925. | 5.6 | 15 |
| 13 | Phosphinate–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 |
| 14 | Theoretical performance evaluation of hypergolic ionic liquid fuels with storable oxidizers. New Journal of Chemistry, 2017, 41, 9889-9896. | 2.8 | 12 |
| 15 | Treatment of energetic material contaminated wastewater using ionic liquids. RSC Advances, 2015, 5, 20503-20510. | 3.6 | 10 |
| 16 | Synergistic effect of a hybrid additive for hydrogen peroxide-based low toxicity hypergolic propellants. Combustion and Flame, 2021, 231, 111450. | 5.2 | 10 |
| 17 | Removal of Phenol from Organic System by Using Ionic Liquids. Current Environmental Engineering, 2019, 6, 126-133. | 0.6 | 9 |
| 18 | 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 |

| # | Article | IF | CITATIONS |
|----|---|----|-----------|
| 19 | Sodium lodide: a Trigger for Hypergolic Ignition of Non-toxic Fuels With Hydrogen Peroxide. , 2020, , . | | 1 |