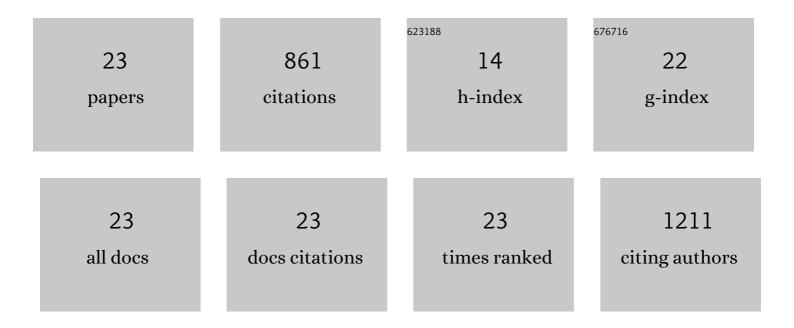
P K Dubey

List of Publications by Year in descending order

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D K DUREV

#	Article	IF	CITATIONS
1	Bandgap engineering in TiO2/rGO 1D photonic metasurfaces as broadband solar absorber. Journal of Applied Physics, 2022, 131, 023106.	1.1	3
2	Stability of ceramic matrix materials in molten hydroxide under oxidizing and reducing conditions. International Journal of Hydrogen Energy, 2021, 46, 14898-14912.	3.8	1
3	Hydroxide melt induced corrosion of Ni at elevated temperatures under steam electrolysis conditions. International Journal of Hydrogen Energy, 2021, 46, 28406-28417.	3.8	Ο
4	Corrosion of AISI 310 and 316 in Molten Hydroxide Under Steam Electrolysis Conditions. ECS Transactions, 2020, 98, 25-34.	0.3	2
5	Influence of synthesis route on structural, optical, and electrical properties of TiO2. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	14
6	Porous and highly conducting cathode material PrBaCo ₂ O _{6â^î^} : bulk and surface studies of synthesis anomalies. Physical Chemistry Chemical Physics, 2019, 21, 14701-14712.	1.3	16
7	Surface modification of aligned TiO2 nanotubes by Cu2O nanoparticles and their enhanced photo electrochemical properties and hydrogen generation application. International Journal of Hydrogen Energy, 2018, 43, 6867-6878.	3.8	46
8	Formation of TiO2 nano-rods by hydrothermal synthesis method. AIP Conference Proceedings, 2018, , .	0.3	1
9	Synthesis of self-aligned and vertically oriented carbon incorporated titania nanotube for improved photoelectrochemical hydrogen generation. International Journal of Hydrogen Energy, 2017, 42, 4782-4792.	3.8	16
10	Catalyst-free synthesis of a three-dimensional nanoworm-like gallium oxide–graphene nanosheet hybrid structure with enhanced optical properties. RSC Advances, 2016, 6, 17669-17677.	1.7	58
11	Microwave-assisted synthesis of void-induced graphene-wrapped nickel oxide hybrids for supercapacitor applications. RSC Advances, 2016, 6, 26612-26620.	1.7	90
12	Freestanding 3D Graphene–Nickel Encapsulated Nitrogenâ€Rich Aligned Bamboo Like Carbon Nanotubes for Highâ€Performance Supercapacitors with Robust Cycle Stability. Advanced Materials Interfaces, 2015, 2, 1500191.	1.9	82
13	Self-Assembled Hierarchical Formation of Conjugated 3D Cobalt Oxide Nanobead–CNT–Graphene Nanostructure Using Microwaves for High-Performance Supercapacitor Electrode. ACS Applied Materials & Interfaces, 2015, 7, 15042-15051.	4.0	156
14	Highly zone-dependent synthesis of different carbon nanostructures using plasma-enhanced arc discharge technique. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	17
15	Hydrothermal synthesis of a uniformly dispersed hybrid graphene–TiO ₂ nanostructure for optical and enhanced electrochemical applications. RSC Advances, 2015, 5, 7112-7120.	1.7	60
16	Synthesis of reduced graphene oxide–TiO2 nanoparticle composite systems and its application in hydrogen production. International Journal of Hydrogen Energy, 2014, 39, 16282-16292.	3.8	96
17	Clean and Efficient Synthesis of Graphene Nanosheets and Rectangular Aligned-Carbon Nanotubes Bundles Using Green Botanical Hydrocarbon Precursor: Sesame Oil. Science of Advanced Materials, 2014, 6, 76-83.	0.1	26
18	Natural dye-based photoelectrode for improvement of solar cell performance. Ionics, 2013, 19, 1179-1183.	1.2	14

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#	Article	IF	CITATIONS
19	Pressure-dependent synthesis of high-quality few-layer graphene by plasma-enhanced arc discharge and their thermal stability. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	55
20	SYNTHESIS OF TIO2 NANORIBBONS AND ITS APPLICATION IN PHOTOELECTROCHEMICAL WATER SPLITTING FOR HYDROGEN PRODUCTION. International Journal of Nanoscience, 2011, 10, 723-726.	0.4	2
21	Hydrogen generation by water electrolysis using carbon nanotube anode. International Journal of Hydrogen Energy, 2010, 35, 3945-3950.	3.8	57
22	Hydrogen energy in changing environmental scenario: Indian context. International Journal of Hydrogen Energy, 2009, 34, 7358-7367.	3.8	45
23	On the Synthesis and Characterizations of TiO2 Nanotubes. Journal of Nanoscience and Nanotechnology, 2009, 9, 5507-5514.	0.9	4