

# I Prakash

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

291  
citations

933447

10  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

350  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and characterization of nanocrystallite size cuprous oxide. <i>Materials Research Bulletin</i> , 2007, 42, 1619-1624.	5.2	58
2	Capacity fading mechanism of Li <sub>2</sub> O loaded NiFe <sub>2</sub> O <sub>4</sub> /SiO <sub>2</sub> aerogel anode for lithium-ion battery: Ex-situ XPS analysis. <i>Applied Surface Science</i> , 2021, 535, 147677.	6.1	55
3	Lithium-ion doped NiFe <sub>2</sub> O <sub>4</sub> /SiO <sub>2</sub> nanocomposite aerogel for advanced energy storage devices. <i>Applied Surface Science</i> , 2018, 449, 542-550.	6.1	36
4	Binder effect on the battery performance of mesoporous copper ferrite nanoparticles with grain boundaries as anode materials. <i>RSC Advances</i> , 2014, 4, 44089-44099.	3.6	22
5	AC Conductivity and Electrical Modulus Studies on Lithium Vanadophosphate Glasses. <i>Journal of the American Ceramic Society</i> , 2007, 90, 125-131.	3.8	20
6	Electrical conductivity studies of nanocrystalline lanthanum silicate synthesized by sol-gel route. <i>Journal of Alloys and Compounds</i> , 2011, 509, 1138-1145.	5.5	20
7	Preparation, characterization and electrical conductivity studies of nanocrystalline La doped BaMoO <sub>4</sub> . <i>Materials Research Bulletin</i> , 2011, 46, 32-41.	5.2	18
8	Sol-gel synthesis and characterization of Li <sub>2</sub> O-As <sub>2</sub> O <sub>5</sub> -SiO <sub>2</sub> glassy system. <i>Materials Chemistry and Physics</i> , 2008, 111, 24-28.	4.0	15
9	Li <sub>2</sub> FeSiO <sub>4</sub> /C aerogel: A promising nanostructured cathode material for lithium-ion battery applications. <i>Journal of Alloys and Compounds</i> , 2021, 887, 161341.	5.5	14
10	Preparation and characterization of nanocrystalline CoFe <sub>2</sub> O <sub>4</sub> deposited on SiO <sub>2</sub> : in situ sol-gel process. <i>Journal of Sol-Gel Science and Technology</i> , 2011, 58, 24-32.	2.4	13
11	Synthesis, characterization and electrical properties of Li <sub>2</sub> NiFe <sub>2</sub> O <sub>4</sub> /NiFe <sub>2</sub> O <sub>4</sub> nanocomposites. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 18610-18619.	2.2	9
12	Preparation of NiAl <sub>2</sub> O <sub>4</sub> /SiO <sub>2</sub> and Co <sup>2+</sup> -Doped NiAl <sub>2</sub> O <sub>4</sub> /SiO <sub>2</sub> Nanocomposites by the Sol-Gel Route. <i>Journal of the American Ceramic Society</i> , 2006, 89, 060427083300002-???	3.8	5
13	Ion and electron-conducting additive effect on Li-ion charge storage performance of CuFe <sub>2</sub> O <sub>4</sub> /SiO <sub>2</sub> composite aerogel anode. <i>Ceramics International</i> , 2020, 46, 25330-25340.	4.8	5
14	Synthesis of SiO <sub>2</sub> ·CoFe <sub>2</sub> O <sub>4</sub> nanocomposite by Base Catalyst Assisted In-situ Sol-Gel Process. , 2010, , .		1