

Margriet H W Verkuijen

List of Publications by Year in descending order

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10
papers

770
citations

933447

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1372567

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10
all docs

10
docs citations

10
times ranked

770
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoconfined LiBH ₄ as a Fast Lithium Ion Conductor. <i>Advanced Functional Materials</i> , 2015, 25, 184-192.	14.9	176
2	Confinement of NaAlH ₄ in Nanoporous Carbon: Impact on H ₂ Release, Reversibility, and Thermodynamics. <i>Journal of Physical Chemistry C</i> , 2010, 114, 4675-4682.	3.1	156
3	Reversibility of the hydrogen desorption from NaBH ₄ by confinement in nanoporous carbon. <i>Energy and Environmental Science</i> , 2011, 4, 4108.	30.8	109
4	Nanoconfined LiBH ₄ and Enhanced Mobility of Li ⁺ and BH ₄ ⁻ Studied by Solid-State NMR. <i>Journal of Physical Chemistry C</i> , 2012, 116, 22169-22178.	3.1	83
5	Comprehensive Study of Melt Infiltration for the Synthesis of NaAlH ₄ /C Nanocomposites. <i>Chemistry of Materials</i> , 2010, 22, 2233-2238.	6.7	78
6	The role of Ni in increasing the reversibility of the hydrogen release from nanoconfined LiBH ₄ . <i>Faraday Discussions</i> , 2011, 151, 47.	3.2	61
7	Solid-State NMR Studies of the Local Structure of NaAlH ₄ /C Nanocomposites at Different Stages of Hydrogen Desorption and Rehydrogenation. <i>Journal of Physical Chemistry C</i> , 2010, 114, 4683-4692.	3.1	53
8	Wide-Line Solid-State NMR Characterizations of Sodium Alanates. <i>Journal of Physical Chemistry C</i> , 2009, 113, 15467-15472.	3.1	25
9	Mobile Species in NaAlH ₄ . <i>Journal of Physical Chemistry C</i> , 2013, 117, 8105-8113.	3.1	17
10	Oxidation Products of NaAlH ₄ Studied by Solid-State NMR and X-ray Diffraction. <i>Journal of Physical Chemistry C</i> , 2011, 115, 7002-7011.	3.1	12