

# Vladimir Shmelev

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4716909/publications.pdf>

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9  
papers

130  
citations

1937685

4  
h-index

1872680

6  
g-index

9  
all docs

9  
docs citations

9  
times ranked

147  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen production by reaction of aluminum with water. International Journal of Hydrogen Energy, 2016, 41, 16664-16673.	7.1	63
2	Hydrogen generation by reaction of molten aluminum with water steam. International Journal of Hydrogen Energy, 2016, 41, 14562-14572.	7.1	38
3	Combustion of micro aluminum-water mixtures. Combustion and Flame, 2013, 160, 2990-2995.	5.2	19
4	Propagation Modes of an Electrical Discharge Along a Liquid Jet. IEEE Transactions on Plasma Science, 2008, 36, 2522-2527.	1.3	5
5	Application of the ballistic plasmatron of superadiabatic compression for surface treatment. Surface and Coatings Technology, 2006, 200, 4939-4946.	4.8	4
6	Combustion of hydro-reactive compositions on the base of a metal-polymer matrix. Combustion Science and Technology, 2018, 190, 1738-1749.	2.3	1
7	Preparing the Implementation of Non-Proliferation Treaty Safeguards in the U.S.. Nuclear Technology, 1977, 36, 158-162.	1.2	0
8	Generation of Surface-Treating Plasma by a Superadiabatic Compression Ballistic Plasmatron. IEEE Transactions on Plasma Science, 2006, 34, 2588-2593.	1.3	0
9	Combustion of aluminum-crystalhydrate mixtures. International Journal of Hydrogen Energy, 2012, 37, 18520-18527.	7.1	0