

# Dany Frem

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/788239/publications.pdf>

Version: 2024-02-01

10  
papers

63  
citations

1684188

5  
h-index

1720034

7  
g-index

10  
all docs

10  
docs citations

10  
times ranked

38  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Reliable Method for Predicting the Specific Impulse of Chemical Propellants. Journal of Aerospace Technology and Management, 0, 10, .	0.3	12
2	Estimating the metal acceleration ability of high explosives. Defence Technology, 2020, 16, 225-231.	4.2	12
3	Predicting the Plate Dent Test Output in Order to Assess the Performance of Condensed High Explosives. Journal of Energetic Materials, 2017, 35, 20-28.	2.0	9
4	A Simple Relationship for the Calculation of the Gurney Velocity of High Explosives Using the BKW Thermochemical Code. Journal of Energetic Materials, 2015, 33, 140-144.	2.0	7
5	Simple Correlations for the Estimation of Propellants Specific Impulse and the Gurney Velocity of High Explosives. Combustion Science and Technology, 2016, 188, 77-81.	2.3	6
6	The Specific Impulse as an Important Parameter for Predicting Chemical High Explosives Performance. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 235-240.	1.2	6
7	The Use of the Propellant Specific Impulse for the Prediction of the Prompt and Terminal Gurney Velocity of High Explosives. Journal of Energetic Materials, 2016, 34, 399-408.	2.0	4
8	Predicting the Gurney velocity of chemical high explosives: thermochemical code calculations and studies on the detonation products isentrope. Journal of Energetic Materials, 2022, 40, 99-118.	2.0	3
9	A Review on IMX <sup>101</sup> and IMX <sup>104</sup> Melt-Cast Explosives: Insensitive Formulations for the Next-Generation Munition Systems. Propellants, Explosives, Pyrotechnics, 2023, 48, .	1.6	3
10	Some nitrogen-rich heterocycles derivatives as potential explosives and propellants: A theoretical study. Journal of the Serbian Chemical Society, 2016, 81, 687-695.	0.8	1