

# Vladimir G Krupkin

## List of Publications by Year in descending order

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24  
papers

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citations

2682572

2  
h-index

2272923

4  
g-index

26  
all docs

26  
docs citations

26  
times ranked

11  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coherent addition of two dimensional array of fiber lasers. Optics Communications, 2008, 281, 6091-6093.	2.1	7
2	Effect of overloads on the combustion rate of compositions containing up to 80% aluminum. Combustion, Explosion and Shock Waves, 1978, 14, 304-309.	0.8	3
3	Laws governing the combustion of ballistic compositions with overloads. Combustion, Explosion and Shock Waves, 1978, 14, 716-722.	0.8	2
4	Ignition of a wedge and cone by a thermal flux in a homogeneous reaction. Combustion, Explosion and Shock Waves, 1990, 26, 17-22.	0.8	2
5	Effect of the curvature of the burning surface on the burning rate of a solid homogeneous energetic material. Combustion and Flame, 2019, 208, 45-50.	5.2	2
6	Instability of Solid Propellant Combustion Waves with a Subsurface Temperature Maximum. Russian Journal of Physical Chemistry B, 2019, 13, 107-111.	1.3	2
7	ULTIMATE CONDITIONS OF BURNING THE MAGNESIUM POWDER IN NITROGEN-OXYGEN MIXTURE. Gorenie I Vzryv (Moskva) "Combustion and Explosion, 2019, , 85-91.	0.1	2
8	ÐœÐ•ÐŸÐÐÐÐ—Ðœ Ð'ÐžÐ;ÐŸÐ•ÐÐ•ÐÐÐÐ Ð'ÐÐÐ•ÐÐÐ;ÐœÐÐœÐžÐ"Ðž ÐŸÐžÐžÐŸÐŸÐŸÐŸÐŸ ÐÐÐ—ÐŸÐŸ Ð"ÐÐÐ•ÐÐ		
9	Critical conditions for combustion of thin polymer layers. Combustion, Explosion and Shock Waves, 1978, 14, 178-183.	0.8	1
10	Effect of the geometrical parameters of a solid with a constant surface temperature on the critical conditions of thermal explosion. Russian Journal of Physical Chemistry B, 2015, 9, 87-91.	1.3	1
11	Burning rate of solid homogeneous energetic materials with a curved burning surface. Journal of Physics: Conference Series, 2019, 1250, 012041.	0.4	1
12	Michelson"Markstein effect in combustion of solid homogeneous energetic materials. Combustion and Flame, 2019, 205, 415-421.	5.2	1
13	OSCILLATING AND CELLULAR STRUCTURES ON THE BURNING SURFACE OF SOLID HOMOGENEOUS ENERGETIC MATERIALS. International Journal of Energetic Materials and Chemical Propulsion, 2019, 18, 287-302.	0.3	1
14	Influence of condensed admixtures on the powder combustion rate in an acceleration field. Combustion, Explosion and Shock Waves, 1976, 11, 600-605.	0.8	0
15	Combustion of polymers in a field of overloads. Combustion, Explosion and Shock Waves, 1980, 16, 400-405.	0.8	0
16	Critical conditions of diffusion combustion. Combustion, Explosion and Shock Waves, 1981, 17, 111-120.	0.8	0
17	Effect of initial temperature and form of inert gas in the composition of an oxidizing atmosphere on the combustion of polymers. Combustion, Explosion and Shock Waves, 1982, 18, 253-255.	0.8	0
18	Effect of heat losses on the limits and structure of the diffusion flame formed in polymer combustion. Combustion, Explosion and Shock Waves, 1983, 19, 556-559.	0.8	0

#	ARTICLE	IF	CITATIONS
19	Effect of dissociation on the limiting dimensions of the combustion of blended gaseous mixtures. Combustion, Explosion and Shock Waves, 1985, 21, 664-667.	0.8	0
20	Bubble development in a liquid in the presence of a gas source. Combustion, Explosion and Shock Waves, 1985, 21, 198-202.	0.8	0
21	Critical conditions for combustion of materials made from polymer fibers. Combustion, Explosion and Shock Waves, 1986, 22, 321-326.	0.8	0
22	Ignition of a wedge and cone with isothermal base by means of a heat flux. Combustion, Explosion and Shock Waves, 1991, 27, 133-137.	0.8	0
23	Nonelectrical method of pumping solid-state lasers. Technical Physics, 1998, 43, 1069-1071.	0.7	0
24	Pulsed modes of the formation of multilayer char structures on the surface of fire-retardant intumescent paints. Russian Journal of Physical Chemistry B, 2013, 7, 448-452.	1.3	0