

# John Bennewitz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7213354/publications.pdf>

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14  
papers

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citations

1478505

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1872680

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g-index

14  
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14  
docs citations

14  
times ranked

92  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated image processing method to quantify rotating detonation wave behavior. Review of Scientific Instruments, 2019, 90, 065106.	1.3	56
2	Characterization of Detonation Wave Propagation in a Rotating Detonation Rocket Engine using Direct High-Speed Imaging. , 2018, , .		54
3	MODAL TRANSITIONS IN ROTATING DETONATION ROCKET ENGINES. International Journal of Energetic Materials and Chemical Propulsion, 2019, 18, 91-109.	0.3	42
4	Experimental evidence of H2/O2 propellants powered rotating detonation waves. Combustion and Flame, 2020, 214, 136-138.	5.2	32
5	Methane-oxygen rotating detonation exhaust thermodynamics with variable mixing, equivalence ratio, and mass flux. Aerospace Science and Technology, 2021, 113, 106683.	4.8	22
6	Rotating Detonation Rocket Engine Operability Under Varied Pressure Drop Injection. Journal of Spacecraft and Rockets, 2021, 58, 316-325.	1.9	20
7	Performance of a Rotating Detonation Rocket Engine with Various Convergent Nozzles and Chamber Lengths. Energies, 2021, 14, 2037.	3.1	19
8	Performance of a Rotating Detonation Rocket Engine with Various Convergent Nozzles. , 2019, , .		13
9	Injector Alignment Study for Variable Mixing in Rotating Detonation Rocket Engines. , 2019, , .		10
10	Injector Mixing Effects in Rotating Detonation Rocket Engines. , 2019, , .		7
11	Performance Effects of Mode Transitions in a Rotating Detonation Rocket Engine. , 2020, , .		7
12	Characteristic Timescales for Rotating Detonation Rocket Engines. , 2021, , .		4
13	Heat Transfer Measurements in an Elevated Pressure RDRE Combustor. , 2021, , .		2
14	Rotating Detonation Rocket Engine Scaling using Variable Annular Width Geometries. , 2021, , .		0