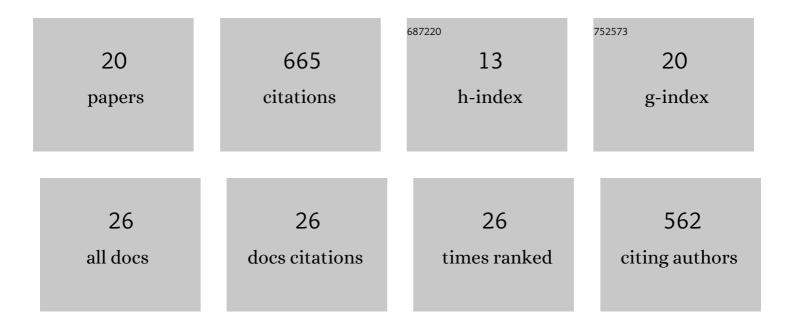
Alon Grinberg Dana

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Numerical modelling of ammonia-coal co-firing in a pilot-scale fluidized bed reactor: Influence of ammonia addition for emissions control. Energy Conversion and Management, 2022, 254, 115226.	4.4	20
2	On the use of ammonia as a fuel $\hat{a} \in A$ perspective. Fuel Communications, 2022, 11, 100064.	2.0	43
3	Kinetic Modeling of API Oxidation: (2) Imipramine Stress Testing. Molecular Pharmaceutics, 2022, 19, 1526-1539.	2.3	6
4	Reaction Mechanism Generator v3.0: Advances in Automatic Mechanism Generation. Journal of Chemical Information and Modeling, 2021, 61, 2686-2696.	2.5	116
5	Kinetic Modeling of API Oxidation: (1) The AIBN/H ₂ O/CH ₃ OH Radical "Soupâ€. Molecular Pharmaceutics, 2021, 18, 3037-3049.	2.3	12
6	Progress and Prospective of Nitrogen-Based Alternative Fuels. Chemical Reviews, 2020, 120, 5352-5436.	23.0	165
7	Automated chemical resonance generation and structure filtration for kinetic modeling. International Journal of Chemical Kinetics, 2019, 51, 760-776.	1.0	4
8	Large Intermediates in Hydrazine Decomposition: A Theoretical Study of the N ₃ H ₅ and N ₄ H ₆ Potential Energy Surfaces. Journal of Physical Chemistry A, 2019, 123, 4679-4692.	1.1	14
9	Automated Reaction Mechanism Generation Including Nitrogen as a Heteroatom. International Journal of Chemical Kinetics, 2018, 50, 243-258.	1.0	23
10	Experimental and modeling study of the mutual oxidation of N-pentane and nitrogen dioxide at low and high temperatures in a jet stirred reactor. Energy, 2018, 165, 727-738.	4.5	52
11	High-Temperature Corrosion of Stainless Steels and Ni Alloys During Combustion of Urea–Ammonium Nitrate (UAN) Fuel. Oxidation of Metals, 2017, 87, 39-56.	1.0	2
12	Nitrogenâ€Based Fuels: A Powerâ€ŧoâ€Fuelâ€ŧoâ€Power Analysis. Angewandte Chemie - International Edition, 2016, 55, 8798-8805.	7.2	73
13	Nitrogenâ€Based Alternative Fuels: Progress and Future Prospects. Energy Technology, 2016, 4, 7-18.	1.8	19
14	Flow Reactor Combustion of Aqueous Urea Ammonium Nitrate Fuel. Energy & Fuels, 2016, 30, 2474-2477.	2.5	10
15	Combustion simulations of aqueous urea ammonium nitrate monofuel at high pressures. Combustion and Flame, 2016, 166, 295-306.	2.8	14
16	Pressure effect on the combustion of aqueous urea ammonium nitrate alternative fuel. Fuel, 2015, 159, 500-507.	3.4	19
17	Nitrogenâ€Based Alternative Fuel: Safety Considerations. Energy Technology, 2015, 3, 976-981.	1.8	20
18	Metal Corrosion Screening in a Nitrogen-Based Fuel at High Temperature and Pressure. Oxidation of Metals, 2014, 82, 491-508.	1.0	7

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#	Article	IF	CITATIONS
19	Nitrogen-based alternative fuel: an environmentally friendly combustion approach. RSC Advances, 2014, 4, 10051-10059.	1.7	25
20	Thermal analysis of aqueous urea ammonium nitrate alternative fuel. RSC Advances, 2014, 4, 34836-34848.	1.7	20