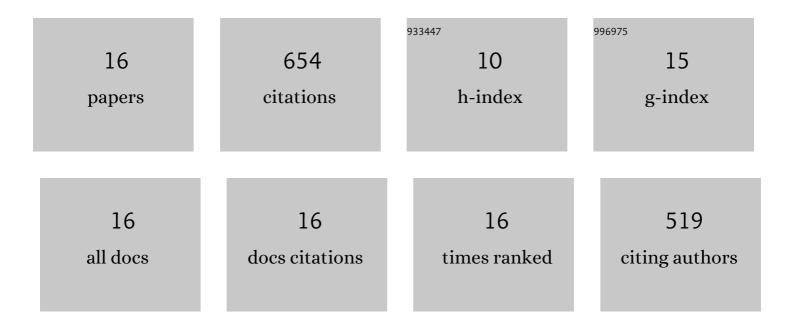
## Song Siwei

List of Publications by Year in descending order

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SONG SIMEL

#	Article	IF	CITATIONS
1	Theoretical insight into density and stability differences of RDX, HMX and CL-20. CrystEngComm, 2022, 24, 1537-1545.	2.6	11
2	Molecular and crystal insights into the structural design of low-sensitivity energetic materials. Theoretical and Computational Chemistry, 2022, , 435-458.	0.4	0
3	Machine Learning-Assisted High-Throughput Virtual Screening for On-Demand Customization of Advanced Energetic Materials. Engineering, 2022, 10, 99-109.	6.7	18
4	Unearthing hidden hypergolic potential of energetic complexes with hydrogen peroxide. Combustion and Flame, 2022, 244, 112235.	5.2	9
5	New Insight into the Aromaticity of <i>cyclo</i> -N <sub>5</sub> <sup>–</sup> by Constructing 3D Arrays in Crystal Structures. Crystal Growth and Design, 2021, 21, 33-39.	3.0	7
6	Energetic isomers of bridged oxadiazole nitramines: the effect of asymmetric heterocyclics on stability and energetic properties. Dalton Transactions, 2021, 50, 13286-13293.	3.3	22
7	Accelerating the discovery of energetic melt-castable materials by a high-throughput virtual screening and experimental approach. Journal of Materials Chemistry A, 2021, 9, 21723-21731.	10.3	37
8	Hunting for Energetic Complexes as Hypergolic Promoters for Green Propellants Using Hydrogen Peroxide as Oxidizer. Inorganic Chemistry, 2021, 60, 17033-17039.	4.0	11
9	A promising hydrogen peroxide adduct of ammonium cyclopentazolate as a green propellant component. Journal of Materials Chemistry A, 2020, 8, 12334-12338.	10.3	41
10	Decoding the crystal engineering of graphite-like energetic materials: from theoretical prediction to experimental verification. Journal of Materials Chemistry A, 2020, 8, 5975-5985.	10.3	26
11	Ultrasound-assisted extraction of bioactive alkaloids from <i>Phellodendri amurensis</i> cortex using deep eutectic solvent aqueous solutions. New Journal of Chemistry, 2020, 44, 9172-9178.	2.8	17
12	Effects of alkyl chains on the physicochemical properties of nitroguanidine derivatives. Energetic Materials Frontiers, 2020, 1, 157-164.	3.2	12
13	[LiNa(N5)2(H2O)4]·H2O: a novel heterometallic cyclo- \$\$m{N}_5^-\$\$ N 5 â^ framework with helical chains. Science China Materials, 2019, 62, 283-288.	6.3	29
14	Hunting for advanced high-energy-density materials with well-balanced energy and safety through an energetic host–guest inclusion strategy. Journal of Materials Chemistry A, 2019, 7, 19248-19257.	10.3	69
15	Stabilization of the Pentazolate Anion in a Zeolitic Architecture with Na <sub>20</sub> N <sub>60</sub> and Na <sub>24</sub> N <sub>60</sub> Nanocages. Angewandte Chemie - International Edition, 2018, 57, 2592-2595.	13.8	100
16	Accelerating the discovery of insensitive high-energy-density materials by a materials genome approach. Nature Communications, 2018, 9, 2444.	12.8	245