

# Qi-Long Yan

## List of Publications by Year in descending order

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124  
papers

4,481  
citations

94269

37  
h-index

128067

60  
g-index

126  
all docs

126  
docs citations

126  
times ranked

1842  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly energetic compositions based on functionalized carbon nanomaterials. <i>Nanoscale</i> , 2016, 8, 4799-4851.	2.8	290
2	Catalytic effects of nano additives on decomposition and combustion of RDX-, HMX-, and AP-based energetic compositions. <i>Progress in Energy and Combustion Science</i> , 2016, 57, 75-136.	15.8	283
3	Highly Reactive Metastable Intermixed Composites (MICs): Preparation and Characterization. <i>Advanced Materials</i> , 2018, 30, e1706293.	11.1	217
4	Fabrication of high-performance graphene oxide doped PVDF/CuO/Al nanocomposites via electrospinning. <i>Chemical Engineering Journal</i> , 2019, 368, 129-137.	6.6	135
5	Recent advances in thermal analysis and stability evaluation of insensitive plastic bonded explosives (PBXs). <i>Thermochimica Acta</i> , 2012, 537, 1-12.	1.2	129
6	Mussel-inspired polydopamine-directed crystal growth of core-shell n-Al@PDA@CuO metastable intermixed composites. <i>Chemical Engineering Journal</i> , 2019, 369, 1093-1101.	6.6	127
7	Tuning the Reactivity of Metastable Intermixed Composite n-Al/PTFE by Polydopamine Interfacial Control. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 32849-32858.	4.0	126
8	Theoretical evaluation of sensitivity and thermal stability for high explosives based on quantum chemistry methods: A brief review. <i>International Journal of Quantum Chemistry</i> , 2013, 113, 1049-1061.	1.0	110
9	Molecular and Crystal Features of Thermostable Energetic Materials: Guidelines for Architecture of $\alpha$ -Bridged-Compounds. <i>ACS Central Science</i> , 2020, 6, 54-75.	5.3	89
10	Highly Thermostable and Insensitive Energetic Hybrid Coordination Polymers Based on Graphene Oxide@Cu(II) Complex. <i>Chemistry of Materials</i> , 2016, 28, 6118-6126.	3.2	85
11	Bioinspired interfacial reinforcement of polymer-based energetic composites with a high loading of solid explosive crystals. <i>Journal of Materials Chemistry A</i> , 2017, 5, 13499-13510.	5.2	83
12	Metastable energetic nanocomposites of MOF-activated aluminum featured with multi-level energy releases. <i>Chemical Engineering Journal</i> , 2020, 381, 122623.	6.6	79
13	Energetic metastable n-Al@PVDF/EMOF composite nanofibers with improved combustion performances. <i>Chemical Engineering Journal</i> , 2020, 383, 123146.	6.6	66
14	Thermal behavior and decomposition kinetics of Viton A bonded explosives containing attractive cyclic nitramines. <i>Thermochimica Acta</i> , 2013, 562, 56-64.	1.2	64
15	Compatibility study of trans-1,4,5,8-tetranitro-1,4,5,8-tetraazadecalin (TNAD) with some energetic components and inert materials. <i>Journal of Hazardous Materials</i> , 2008, 160, 529-534.	6.5	59
16	Highly insensitive and thermostable energetic coordination nanomaterials based on functionalized graphene oxides. <i>Journal of Materials Chemistry A</i> , 2016, 4, 9941-9948.	5.2	58
17	Combustion mechanism of double-base propellant containing nitrogen heterocyclic nitroamines (I): The effect of heat and mass transfer to the burning characteristics. <i>Combustion and Flame</i> , 2009, 156, 633-641.	2.8	55
18	The effect of crystal structure on the thermal reactivity of CL-20 and its C4 bonded explosives (I): thermodynamic properties and decomposition kinetics. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 112, 823-836.	2.0	54

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19	Thermal behavior and decomposition kinetics of Formex-bonded explosives containing different cyclic nitramines. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 1419-1430.	2.0	53
20	Thermostable Energetic Coordination Polymers Based on Functionalized GO and Their Catalytic Effects on the Decomposition of AP and RDX. <i>Journal of Physical Chemistry C</i> , 2020, 124, 5182-5195.	1.5	53
21	Recent advances on the crystallization engineering of energetic materials. <i>Energetic Materials Frontiers</i> , 2020, 1, 141-156.	1.3	53
22	High density assembly of energetic molecules under the constraint of defected 2D materials. <i>Journal of Materials Chemistry A</i> , 2019, 7, 17806-17814.	5.2	51
23	Control the combustion behavior of solid propellants by using core-shell Al-based composites. <i>Combustion and Flame</i> , 2020, 221, 441-452.	2.8	51
24	Unexpected burning rate independence of composite propellants on the pressure by fine interfacial control of fuel/oxidizer. <i>Chemical Engineering Journal</i> , 2020, 388, 124320.	6.6	51
25	Incorporation of high explosives into nano-aluminum based microspheres to improve reactivity. <i>Chemical Engineering Journal</i> , 2020, 383, 123110.	6.6	50
26	Combustion efficiency and pyrochemical properties of micron-sized metal particles as the components of modified double-base propellant. <i>Acta Astronautica</i> , 2011, 68, 1098-1112.	1.7	49
27	Catalytic Reactivity of Graphene Oxide Stabilized Transition Metal Complexes of Triaminoguanidine on Thermolysis of RDX. <i>Journal of Physical Chemistry C</i> , 2018, 122, 14714-14724.	1.5	48
28	Melamine N-oxide based self-assembled energetic materials with balanced energy & sensitivity and enhanced combustion behavior. <i>Chemical Engineering Journal</i> , 2020, 395, 125114.	6.6	48
29	The Mitigation Effect of Synthetic Polymers on Initiation Reactivity of CL-20: Physical Models and Chemical Pathways of Thermolysis. <i>Journal of Physical Chemistry C</i> , 2014, 118, 22881-22895.	1.5	46
30	Thermal Behavior and Thermolysis Mechanisms of Ammonium Perchlorate under the Effects of Graphene Oxide-Doped Complexes of Triaminoguanidine. <i>Journal of Physical Chemistry C</i> , 2018, 122, 26956-26964.	1.5	46
31	Iodocuprate-containing ionic liquids as promoters for green propulsion. <i>Journal of Materials Chemistry A</i> , 2018, 6, 22819-22829.	5.2	44
32	A layered 2D triaminoguanidine-glyoxal polymer and its transition metal complexes as novel insensitive energetic nanomaterials. <i>Journal of Materials Chemistry A</i> , 2016, 4, 18401-18408.	5.2	43
33	Effects of closo-icosahedral periodoborane salts on hypergolic reactions of 70% $H_2O_2$ with energetic ionic liquids. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19989-19997.	5.2	43
34	Catalytic effect of 2D-layered energetic hybrid crystals on the thermal decomposition of 3-nitro-2,4-dihydro-3H-1,2,4-triazol-5-one (NTO). <i>Thermochimica Acta</i> , 2020, 692, 178747.	1.2	42
35	Notes on the use of the vacuum stability test in the study of initiation reactivity of attractive cyclic nitramines in the C4 matrix. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 112, 1433-1437.	2.0	40
36	The effect of molecular structure on thermal stability, decomposition kinetics and reaction models of nitric esters. <i>Thermochimica Acta</i> , 2013, 566, 137-148.	1.2	40

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37	Non-isothermal decomposition behavior of Fluorel bonded explosives containing attractive cyclic nitramines. <i>Thermochimica Acta</i> , 2013, 574, 10-18.	1.2	40
38	Stabilization of $\mu$ -CL-20 crystals by a minor interfacial doping of polydopamine-coated graphene oxide. <i>Applied Surface Science</i> , 2020, 510, 145454.	3.1	40
39	Advanced crystalline energetic materials modified by coating/intercalation techniques. <i>Chemical Engineering Journal</i> , 2021, 417, 128044.	6.6	40
40	Unusual Cu <sup>2+</sup> /Co/GO Composite with Special High Organic Content Synthesized by an <i>in Situ</i> Self-Assembly Approach: Pyrolysis and Catalytic Decomposition on Energetic Materials & Interfaces, 2020, 12, 28496-28509.	4.0	38
41	Kinetics for Inhibited Polymorphic Transition of HMX Crystal after Strong Surface Confinement. <i>Journal of Physical Chemistry C</i> , 2019, 123, 11011-11019.	1.5	37
42	Enhancing the stability and combustion of a nanofluid fuel with polydopamine-coated aluminum nanoparticles. <i>Chemical Engineering Journal</i> , 2021, 418, 129527.	6.6	37
43	Nitramine-Based Energetic Cocrystals with Improved Stability and Controlled Reactivity. <i>Crystal Growth and Design</i> , 2020, 20, 8124-8147.	1.4	36
44	Thermodynamic properties, decomposition kinetics and reaction models of BCHMX and its Formex bonded explosive. <i>Thermochimica Acta</i> , 2012, 547, 150-160.	1.2	35
45	The effect of polymer matrices on the thermal hazard properties of RDX-based PBXs by using model-free and combined kinetic analysis. <i>Journal of Hazardous Materials</i> , 2014, 271, 185-195.	6.5	34
46	Thermal behavior of graphene oxide and its stabilization effects on transition metal complexes of triaminoguanidine. <i>Journal of Hazardous Materials</i> , 2019, 368, 404-411.	6.5	34
47	The effect of crystal structure on the thermal reactivity of CL-20 and its C4-bonded explosives. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 112, 837-849.	2.0	33
48	Noniso-thermal analysis of C4 bonded explosives containing different cyclic nitramines. <i>Thermochimica Acta</i> , 2013, 556, 6-12.	1.2	33
49	Enhancing the Combustion Performance of Metastable Al@AP/PVDF Nanocomposites by Doping with Graphene Oxide. <i>Engineering</i> , 2020, 6, 1019-1027.	3.2	33
50	Metastable intermixed Core-shell Al@M(IO <sub>3</sub> ) <sub>x</sub> nanocomposites with improved combustion efficiency by using tannic acid as a functional interfacial layer. <i>Chemical Engineering Journal</i> , 2020, 384, 123369.	6.6	32
51	Combustion mechanism of double-base propellant containing nitrogen heterocyclic nitroamines (II): The temperature distribution of the flame and its chemical structure. <i>Acta Astronautica</i> , 2009, 64, 602-614.	1.7	31
52	Multi-stage decomposition of 5-aminotetrazole derivatives: kinetics and reaction channels for the rate-limiting steps. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 24282-24291.	1.3	31
53	The structural diversity of hybrid qy-HMX crystals with constraint of 2D dopants and the resulted changes in thermal reactivity. <i>Chemical Engineering Journal</i> , 2020, 390, 124565.	6.6	31
54	Advanced preparation and processing techniques for high energy fuel ALH3. <i>Chemical Engineering Journal</i> , 2021, 421, 129753.	6.6	30

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55	Controlled reactivity of metastable n-Al@Bi(IO <sub>3</sub> ) <sub>3</sub> by employment of tea polyphenols as an interfacial layer. <i>Chemical Engineering Journal</i> , 2020, 381, 122747.	6.6	29
56	Photosensitive but mechanically insensitive graphene oxide-carbohydrazide-metal hybrid crystalline energetic nanomaterials. <i>Chemical Engineering Journal</i> , 2018, 338, 240-247.	6.6	28
57	Note on the use of the vacuum stability test in the study of initiation reactivity of attractive cyclic nitramines in Formex P1 matrix. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 1503-1506.	2.0	27
58	High-energy Al/graphene oxide/CuFe <sub>2</sub> O <sub>4</sub> nanocomposite fabricated by self-assembly: Evaluation of heat release, ignition behavior, and catalytic performance. <i>Energetic Materials Frontiers</i> , 2021, 2, 22-31.	1.3	26
59	Formation of Highly Thermostable Copper-Containing Energetic Coordination Polymers Based on Oxidized Triaminoguanidine. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 21674-21682.	4.0	25
60	Thermal behavior and decomposition kinetics of ETN and its mixtures with PETN and RDX. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 115, 289-299.	2.0	24
61	Tuning the crystal morphology and catalytic behavior of graphene-templated energetic bis-tetrazole copper coordination polymers. <i>Advanced Composites and Hybrid Materials</i> , 2019, 2, 289-300.	9.9	24
62	Gaseous Products Evolution Analyses for Catalytic Decomposition of AP by Graphene-Based Additives. <i>Nanomaterials</i> , 2019, 9, 801.	1.9	23
63	Multistep Thermolysis Mechanisms of Azido- <i>s</i> -triazine Derivatives and Kinetic Compensation Effects for the Rate-Limiting Processes. <i>Journal of Physical Chemistry C</i> , 2015, 119, 14861-14872.	1.5	22
64	Novel powder catalysts of ferrocene-based metal-organic framework and their catalytic performance for thermal decomposition of ammonium perchlorate. <i>Powder Technology</i> , 2022, 397, 117035.	2.1	22
65	Fabrication of Si@AP/NC metastable intermixed nanocomposites (MICs) by electrospray method and their thermal reactivity. <i>Advanced Composites and Hybrid Materials</i> , 2019, 2, 361-372.	9.9	21
66	Combustion performance of composite propellants containing core-shell Al@M(IO <sub>3</sub> ) metastable composites. <i>Combustion and Flame</i> , 2020, 219, 33-43.	2.8	21
67	“Tandem-action” ferrocenyl iodocuprates promoting low temperature hypergolic ignitions of “green” H <sub>2</sub> O <sub>2</sub> /bipropellants. <i>Journal of Materials Chemistry A</i> , 2020, 8, 14661-14670.	5.2	21
68	Further enhancing thermal stability of thermostable energetic derivatives of dibenzotetraazapentene by polydopamine/graphene oxide coating. <i>Applied Surface Science</i> , 2021, 543, 148825.	3.1	21
69	Hybrid RDX crystals assembled under constraint of 2D materials with largely reduced sensitivity and improved energy density. <i>Journal of Hazardous Materials</i> , 2020, 398, 122842.	6.5	21
70	Thermal reactivity of metastable metal-based fuel Al/Co/AP: Mutual interaction mechanisms of the components. <i>Fuel</i> , 2022, 315, 123203.	3.4	20
71	Effect of potassium chlorate on thermal decomposition of cyclotrimethylenetrinitramine (RDX). <i>Journal of Analytical and Applied Pyrolysis</i> , 2012, 93, 160-164.	2.6	19
72	Sensitivity and Stability Improvements of NEPE Propellants by Inclusion of FOX-7. <i>Propellants, Explosives, Pyrotechnics</i> , 2018, 43, 308-314.	1.0	19

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73	Preparation and Evaluation of Effective Combustion Catalysts Based on Cu(I)/Pb(II) or Cu(II)/Bi(II) Nanocomposites Carried by Graphene Oxide (GO). <i>Propellants, Explosives, Pyrotechnics</i> , 2018, 43, 1087-1095.	1.0	19
74	Combustion of energetic iodine-rich coordination polymer “Engineering of new biocidal materials. <i>Chemical Engineering Journal</i> , 2018, 350, 1084-1091.	6.6	18
75	Enhanced catalytic performance on the thermal decomposition of TKX-50 by Fe <sub>3</sub> O <sub>4</sub> nanoparticles highly dispersed on rGO. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 140, 1759-1767.	2.0	17
76	Surface fluorination of n-Al particles with improved combustion performance and adjustable reaction kinetics. <i>Chemical Engineering Journal</i> , 2021, 425, 131619.	6.6	17
77	Stabilizing Metastable Polymorphs of Metal-Organic Frameworks via Encapsulation of Graphene Oxide and Mechanistic Studies. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 32828-32837.	4.0	16
78	Catalyzed combustion of a nanofluid fuel droplet containing polydopamine-coated metastable intermixed composite n-Al/CuO. <i>Aerospace Science and Technology</i> , 2021, 118, 107005.	2.5	16
79	Thermal decomposition and combustion behavior of solid propellant containing Si-based composites. <i>Combustion and Flame</i> , 2022, 240, 111959.	2.8	16
80	Preparation, morphologies and thermal behavior of high nitrogen compound 2-amino-4,6-diazido-s-triazine and its derivatives. <i>Thermochimica Acta</i> , 2015, 604, 106-114.	1.2	15
81	The correlations among detonation velocity, heat of combustion, thermal stability and decomposition kinetics of nitric esters. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 1391-1403.	2.0	15
82	Decomposition and combustion of HTPB-based composite propellants containing intercalated HMX crystals with desired high energy but low burn rate. <i>Fuel</i> , 2022, 321, 124067.	3.4	14
83	New findings on thermal degradation properties of fluoropolymers. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 128, 675-685.	2.0	13
84	Comparative study on thermal behavior of three highly thermostable energetic materials: z-TACOT, PYX, and TNBP. <i>FirePhysChem</i> , 2021, 1, 61-69.	1.5	13
85	Assembling of Hybrid Nano-sized HMX/ANPyO Cocrystals Intercalated with 2D High Nitrogen Materials. <i>Crystal Growth and Design</i> , 2021, 21, 4488-4499.	1.4	13
86	Synthesis and thermal behaviors of 1,8-dihydroxy-4,5-dinitroanthraquinone barium salt. <i>Journal of Analytical and Applied Pyrolysis</i> , 2014, 105, 295-300.	2.6	12
87	Crystal lattice free volume in a study of initiation reactivity of nitramines: Impact sensitivity. <i>Defence Technology</i> , 2018, 14, 93-98.	2.1	12
88	The Catalytic Effect of CuO-Doped Activated Carbon on Thermal Decomposition and Combustion of AN/Mg/NC Composite. <i>Journal of Physical Chemistry C</i> , 2019, 123, 22941-22948.	1.5	12
89	Study on the thermal decomposition mechanism of graphene oxide functionalized with triaminoguanidine (GO-TAG) by molecular reactive dynamics and experiments. <i>RSC Advances</i> , 2019, 9, 33268-33281.	1.7	12
90	Thermal decomposition and combustion behavior of ion conductive PEO-PAN based energetic composites. <i>Combustion and Flame</i> , 2021, 230, 111421.	2.8	12

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91	Stability, reactivity and decomposition kinetics of surface passivated $\delta$ -AlH <sub>3</sub> crystals. International Journal of Hydrogen Energy, 2022, 47, 8916-8928.	3.8	12
92	Effects of Nanosized Metals and Metal Oxides on the Thermal Behaviors of Insensitive High Energetic Compound ICM-102. Journal of Physical Chemistry C, 2019, 123, 31108-31118.	1.5	11
93	Highly Thermostable Insensitive Energetic Polynitrophenyl-Substituted Furazan (Furoxan)-Annelated Azepines. ACS Applied Energy Materials, 2020, 3, 7129-7137.	2.5	11
94	Thermal decomposition and kinetics studies on 1,4-dinitropiperazine (DNP). Journal of Hazardous Materials, 2008, 151, 515-521.	6.5	10
95	The mechanisms for desensitization effect of synthetic polymers on BCHMX: Physical models and decomposition pathways. Journal of Hazardous Materials, 2015, 294, 145-157.	6.5	10
96	Thermobaric effects formed by aluminum foils enveloping cylindrical charges. Combustion and Flame, 2016, 166, 148-157.	2.8	10
97	Rapid and High-Yielding Formation of CL <sub>20</sub> /DNDAP Cocrystals via Self-Assembly in Slightly Soluble Medium with Improved Sensitivity and Thermal Stability. Propellants, Explosives, Pyrotechnics, 2019, 44, 1242-1253.	1.0	10
98	Detailed high temperature pyrolysis mechanisms of stabilized hybrid HMX crystals by intercalation of 2D energetic polymer. Fuel, 2022, 324, 124646.	3.4	10
99	Novel nitrogen-rich energetic macromolecules based on 3,6-dihydrazinyl-1,2,4,5-tetrazine. RSC Advances, 2015, 5, 106971-106980.	1.7	9
100	Thermal behavior of 1,3,5-trinitroso-1,3,5-triazinane and its melt-castable mixtures with cyclic nitramines. Thermochimica Acta, 2015, 615, 51-60.	1.2	8
101	Decomposition kinetics and thermolysis products analyses of energetic diaminotriazole-substituted tetrazine structures. Thermochimica Acta, 2018, 667, 19-26.	1.2	8
102	Catechol-modified polymers for surface engineering of energetic crystals with reduced sensitivity and enhanced mechanical performance. Applied Surface Science, 2022, 572, 151448.	3.1	8
103	Crystal lattice free volume in a study of initiation reactivity of nitramines: Friction sensitivity. Defence Technology, 2018, 14, 132-136.	2.1	7
104	Comparative study on compatibility of graphene-based catalysts with energetic ingredients by using DSC and VST methods. Journal of Thermal Analysis and Calorimetry, 2021, 144, 1139-1149.	2.0	7
105	Unique thermal and combustion behaviors of composite propellants containing a high-energy insensitive nitropyrimidine derivative. Combustion and Flame, 2022, 237, 111855.	2.8	7
106	Transformation of Combustion Nanocatalysts inside Solid Rocket Motor under Various Pressures. Nanomaterials, 2019, 9, 381.	1.9	6
107	Tuning the reactivity of Al <sup>3+</sup> /Ni by fine coating of halogen-containing energetic composites. Defence Technology, 2022, 18, 1810-1821.	2.1	6
108	Decomposition mechanisms of insensitive 2D energetic polymer TAGP using ReaxFF molecular dynamics simulation combined with Pyro-GC/MS experiments. Journal of Analytical and Applied Pyrolysis, 2022, 162, 105453.	2.6	6

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109	Enhancing the thermal reactivity of AP crystals by coating of Al-based bi-metal nanocomposites. <i>Fuel</i> , 2022, 324, 124588.	3.4	6
110	Multi-scale modified nitramine crystals with conjugated structure intercalation and thin-layer catalyst coating for well-controlled energy release rate. <i>Chemical Engineering Journal</i> , 2022, 448, 137730.	6.6	6
111	Reaction kinetics and a physical model of the charring layer by depositing Al <sub>2</sub> O <sub>3</sub> at ultra-high temperatures. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 24418-24426.	1.3	5
112	Insensitive Energetic Materials Containing Two-Dimensional Nanostructures as Building Blocks. , 2019, , 81-111.		5
113	Preparation of CNTs Coated with Polydopamineâ€“Ni Complexes and Their Catalytic Effects on the Decomposition of CL-20. <i>ACS Omega</i> , 2021, 6, 22866-22875.	1.6	5
114	Enhanced thermal and energetic properties of NC-based nanocomposites with silane functionalized GO. <i>Dalton Transactions</i> , 2021, 50, 17766-17773.	1.6	5
115	New insight into dynamic mechanical relaxation in N-butyl-N-(2-nitroxy-ethyl) nitramine plasticized nitrocellulose through molecular dynamic simulations. <i>Cellulose</i> , 2022, 29, 1307-1314.	2.4	5
116	Unravelling the Effect of Anthraquinone Metal Salts as Wide-range Plateau Catalysts to Enhance the Combustion Properties of Solid Propellants. <i>Central European Journal of Energetic Materials</i> , 2018, 15, 376-390.	0.5	4
117	Anti-sintering behavior and combustion process of aluminum nano particles coated with PTFE: A molecular dynamics study. <i>Defence Technology</i> , 2023, 24, 46-57.	2.1	4
118	Fabrication and combustion behavior of high volumetric energy density core-shell Si/Ta -based nano-energetic composites. <i>Journal of Alloys and Compounds</i> , 2021, 887, 161443.	2.8	3
119	Thermal Behavior and Thermolysis Kinetics of the Explosive Transâ€“1,4,5,8â€“tetranitroâ€“1,4,5,8â€“tetraazadecalin (TNAD). <i>Propellants, Explosives, Pyrotechnics</i> , 2009, 34, 357-362.	1.0	2
120	Isothermal decomposition of HMX before and after thermally induced Î²â€“Î³ crystal transformation. <i>CrystEngComm</i> , 2021, 23, 7698-7705.	1.3	2
121	Crystal structure and thermal behaviors of the tetrapotassium salt of octahydroimidazo-[4,5-d]imidazol-1,3,4,6-tetrasulfonic acid (TACOS-K). <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 126, 391-397.	2.0	1
122	Phase Equilibrium and Thermodynamics Studies on Dissolving Processes of Energetic Compounds: A Brief Review. <i>Crystal Growth and Design</i> , 2022, 22, 909-936.	1.4	1
123	Thermal interactions between hybrid HMX/ANPyO cocrystals and commonly used propellant ingredients. <i>Energetic Materials Frontiers</i> , 2022, , .	1.3	0
124	Toughening Effect of Oxiraneâ€“tetrahydrofuran Polyether (PEOT) on Blended and Crossâ€“Linked Nitrocellulose. <i>Propellants, Explosives, Pyrotechnics</i> , 0, , .	1.0	0