

# Bo Jin

## List of Publications by Year in descending order

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136  
papers

2,024  
citations

279798

23  
h-index

395702

33  
g-index

136  
all docs

136  
docs citations

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times ranked

1492  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of H <sub>2</sub> AzTO-based energetic metal-organic frameworks for catalyzing the thermal decomposition of ammonium perchlorate. <i>Chemical Engineering Journal</i> , 2021, 404, 126287.	12.7	72
2	Controllable synthesis of flower-like MoSe <sub>2</sub> 3D microspheres for highly efficient visible-light photocatalytic degradation of nitro-aromatic explosives. <i>Journal of Materials Chemistry A</i> , 2018, 6, 11424-11434.	10.3	66
3	Study on the isothermal decomposition kinetics and mechanism of nitrocellulose. <i>Polymer Testing</i> , 2019, 75, 337-343.	4.8	62
4	A novel 3D energetic MOF of high energy content: synthesis and superior explosive performance of a Pb( <i>ii</i> ) compound with 5,5'-bistetrazole-1,1'-diolate. <i>Dalton Transactions</i> , 2016, 45, 13881-13887.	3.3	60
5	Self-assembled BiOCl/Ti <sub>3</sub> C <sub>2</sub> T composites with efficient photo-induced charge separation activity for photocatalytic degradation of p-nitrophenol. <i>Applied Surface Science</i> , 2020, 519, 146175.	6.1	58
6	High-Quality Carbon Nitride Quantum Dots on Photoluminescence: Effect of Carbon Sources. <i>Langmuir</i> , 2021, 37, 1760-1767.	3.5	51
7	Cu-MOF derived Cu/Cu <sub>2</sub> O/C nanocomposites for the efficient thermal decomposition of ammonium perchlorate. <i>Journal of Solid State Chemistry</i> , 2021, 297, 122060.	2.9	49
8	rGO/CNQDs/ZIF-67 composite aerogel for efficient extraction of uranium in wastewater. <i>Chemical Engineering Journal</i> , 2021, 419, 129622.	12.7	45
9	Synthesis of [60]Fullerene-Fused Tetrahydrobenzoxepine and Isochroman Derivatives via Hydroxyl-Directed C-H Activation/C-O Cyclization. <i>Organic Letters</i> , 2014, 16, 1638-1641.	4.6	41
10	Preparation of He@C <sub>60</sub> and He <sub>2</sub> @C <sub>60</sub> by an explosive method. <i>Journal of Materials Chemistry</i> , 2009, 19, 3602.	6.7	34
11	Nitrogen-Rich Energetic Metal-Organic Framework: Synthesis, Structure, Properties, and Thermal Behaviors of Pb(II) Complex Based on N,N-Bis(1H-tetrazole-5-yl)-Amine. <i>Materials</i> , 2016, 9, 681.	2.9	33
12	Novel energetic metal-organic frameworks assembled from the energetic combination of furazan and tetrazole. <i>Dalton Transactions</i> , 2020, 49, 6295-6301.	3.3	33
13	Engineering of Electron Extraction and Defect Passivation via Anion-Doped Conductive Fullerene Derivatives as Interlayers for Efficient Invert Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 24747-24755.	8.0	31
14	Preparation and characterization of insensitive HMX/rGO/G composites via in situ reduction of graphene oxide. <i>RSC Advances</i> , 2017, 7, 32275-32281.	3.6	30
15	Novel strategies for synthesizing energetic materials based on BTO with improved performances. <i>Dalton Transactions</i> , 2019, 48, 11848-11854.	3.3	30
16	Synthesis, characterization and properties of nitrogen-rich compounds based on cyanuric acid: a promising design in the development of new energetic materials. <i>Journal of Materials Chemistry A</i> , 2016, 4, 4971-4981.	10.3	28
17	New Core-Shell Hybrid Material IR-MOF <sub>3</sub> @COF-LZU1 for Highly Efficient Visible-Light Photocatalyst Degrading Nitroaromatic Explosives. <i>Langmuir</i> , 2020, 36, 5665-5670.	3.5	27
18	Novel fullerene-based stabilizer for scavenging nitroxide radicals and its behavior during thermal decomposition of nitrocellulose. <i>Journal of Hazardous Materials</i> , 2020, 391, 121857.	12.4	27

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19	Large-area snow-like MoSe <sub>2</sub> monolayers: synthesis, growth mechanism, and efficient electrocatalyst application. <i>Nanotechnology</i> , 2017, 28, 275704.	2.6	26
20	Synthesis and crystal characterization of novel fulleropyrrolidines and their potential application as nitrocellulose-based propellants stabilizer. <i>Polymer Degradation and Stability</i> , 2020, 172, 109061.	5.8	26
21	Synthesis and stabilization mechanism of novel stabilizers for fullerene-malonamide derivatives in nitrocellulose-based propellants. <i>Polymer Testing</i> , 2020, 86, 106493.	4.8	25
22	Study on the thermal reactions of [60]fullerene with amino acids and amino acid esters. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8720.	2.8	24
23	Interaction and mechanism of nitrocellulose and N-methyl-4-nitroaniline by isothermal decomposition method. <i>Cellulose</i> , 2019, 26, 9021-9033.	4.9	24
24	Regioselective Synthesis and Crystallographic Characterization of Nontethered <i>cis</i> -1 and <i>cis</i> -2 Bis(benzofuro)[60]fullerene Derivatives. <i>Organic Letters</i> , 2019, 21, 9924-9928.	4.6	24
25	Modification of ZIF-8 on bacterial cellulose for an efficient selective capture of U(VI). <i>Cellulose</i> , 2021, 28, 5241-5256.	4.9	24
26	Combustion Effects of Nitrofulleropyrrolidine on RDX/CMDB Propellants. <i>Propellants, Explosives, Pyrotechnics</i> , 2014, 39, 874-880.	1.6	22
27	Synthesis and Characterization of [60]Fullerene-Poly(glycidyl nitrate) and Its Thermal Decomposition. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 2613-2618.	3.7	22
28	Nitrogen-rich energetic salts of 1H,1,5-bis(1,2,4-triazol-1-yl)-1H-1,2,4-triazole: synthesis, characterization, and thermal behaviors. <i>RSC Advances</i> , 2016, 6, 48590-48598.	3.6	22
29	Control of hydroxyapatite coating by self-assembled monolayers on titanium and improvement of osteoblast adhesion. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 124-135.	3.4	21
30	Synthesis, characterization, thermal stability and sensitivity properties of the new energetic polymer through the azidoacetylation of poly(vinyl alcohol). <i>Polymer Degradation and Stability</i> , 2012, 97, 473-480.	5.8	20
31	Graphitic-C <sub>3</sub> N <sub>4</sub> quantum dots modified FeOOH for photo-Fenton degradation of organic pollutants. <i>Applied Surface Science</i> , 2022, 586, 152792.	6.1	20
32	Study of the Desensitizing Effect of Different [60]Fullerene Crystals on Cyclotetramethylenetetranitramine (HMX). <i>Propellants, Explosives, Pyrotechnics</i> , 2008, 33, 454-458.	1.6	19
33	Synthesis and Characterization of [60]Fullerene-Glycidyl Azide Polymer and Its Thermal Decomposition. <i>Polymers</i> , 2015, 7, 896-908.	4.5	19
34	Facile Fabrication of Cu-doped Carbon Aerogels as Catalysts for the Thermal Decomposition of Ammonium Perchlorate. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5700.	3.5	19
35	Facile fabrication of BiOCl nanoplates with high exposure {001} facets for efficient photocatalytic degradation of nitro explosives. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 777-786.	6.0	19
36	Palladium-Catalyzed Reaction of [60]Fullerene with Aryl Compounds via Enolate-Mediated <i>sp</i> <sup>2</sup> C-H Bond Activation and Hydroxylation. <i>Journal of Organic Chemistry</i> , 2018, 83, 672-683.	3.2	18

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37	Novel insensitive energetic-cocystal-based BTO with good comprehensive properties. RSC Advances, 2018, 8, 1784-1790.	3.6	18
38	Rare-earth supramolecular complex with 5,5- $\epsilon$ -bistetrazole-1,1- $\epsilon$ -diolate ligand: Synthesis, structure, thermostability, and effect on thermal decomposition of ammonium perchlorate. Journal of Solid State Chemistry, 2019, 277, 721-726.	2.9	18
39	Air-Flow Impacting Synthesis of Metal Organic Frameworks: A Continuous, Highly Efficient, Large-Scale Mechanochemical Synthetic Method. ACS Sustainable Chemistry and Engineering, 2020, 8, 4037-4043.	6.7	18
40	Thermal decomposition of CL-20 via a self-modified dynamic vacuum stability test. Journal of Thermal Analysis and Calorimetry, 2017, 128, 1833-1840.	3.6	17
41	Kinetic and thermodynamic analysis of the hydroxyl-terminated polybutadiene binder system by using microcalorimetry. Thermochimica Acta, 2018, 659, 13-18.	2.7	17
42	The mono(catecholamine) derivatives as iron chelators: synthesis, solution thermodynamic stability and antioxidant properties research. Royal Society Open Science, 2018, 5, 171492.	2.4	17
43	Interaction of nitrocellulose with pentaacyloxyphenyl fullerene derivatives: autocatalytic inhibition in thermal decomposition of nitrocellulose. Cellulose, 2020, 27, 3611-3622.	4.9	17
44	The isothermal decomposition of a CL-20/HMX co-crystal explosive. CrystEngComm, 2020, 22, 1473-1479.	2.6	17
45	Series of AzTO-Based Energetic Materials: Effect of Different $\pi$ - $\pi$ Stacking Modes on Their Thermal Stability and Sensitivity. Langmuir, 2021, 37, 7118-7126.	3.5	17
46	Efficient cyclopropanation of [60]fullerene starting from bromo-substituted active methylene compounds without using a basic catalyst. Tetrahedron Letters, 2014, 55, 5007-5010.	1.4	16
47	DMSO: An Efficient Catalyst for the Cyclopropanation of C <sub>60</sub> , C <sub>70</sub> , SWNTs, and Graphene through the Bingel Reaction. Industrial & Engineering Chemistry Research, 2015, 54, 2879-2885.	3.7	16
48	Temperature-Sensitive Poly(N-isopropylacrylamide)/Konjac Glucomannan/Graphene Oxide Composite Membranes with Improved Mechanical Property, Swelling Capability, and Degradability. International Journal of Polymer Science, 2018, 2018, 1-10.	2.7	16
49	An isothermal decomposition dynamics research instrument and its application in HMX/TNT/Al composite explosive. Journal of Thermal Analysis and Calorimetry, 2020, 139, 2265-2272.	3.6	16
50	Catechol amide derivatized polyhydroxylated fullerene as potential chelating agents of radionuclides: Synthesis, reactive oxygen species scavenging, and cytotoxic studies. Journal of Inorganic Biochemistry, 2020, 203, 110921.	3.5	16
51	Synthesis and characterization of poly(vinyl 2,4,6-trinitrophenylacetal) as a new energetic binder. Journal of Applied Polymer Science, 2011, 122, 1643-1648.	2.6	15
52	Synthesis, characterization, thermal stability and mechanical sensitivity of polyvinyl azidoacetate as a new energetic binder. Journal of Polymer Research, 2012, 19, 1.	2.4	15
53	Fullerene Stabilizer 4,11,15,30-Tetraarylamino Fullerenolaziridine: Regioselective Synthesis, Crystallographic Characterization Derivatives, and Potential Application as Propellant Stabilizer. ACS Applied Energy Materials, 2020, 3, 3005-3014.	5.1	15
54	Preparation and characterization of HMX/NH <sub>2</sub> -GO composite with enhanced thermal safety and desensitization. Defence Technology, 2022, 18, 2074-2082.	4.2	15

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55	Designing conductive fullerenes ionene polymers as efficient cathode interlayer to improve inverted perovskite solar cells efficiency and stability. <i>Chemical Engineering Journal</i> , 2021, 415, 128816.	12.7	15
56	Synthesis and Characterization of a New Energetic Plasticizer: Acyl-Terminated GAP. <i>International Journal of Polymer Analysis and Characterization</i> , 2014, 19, 522-531.	1.9	14
57	Synthesis, Characterization, Thermal Stability and Sensitivity Properties of New Energetic Polymers—PVTNP-g-GAPs Crosslinked Polymers. <i>Polymers</i> , 2016, 8, 10.	4.5	14
58	Synthesis, thermal behavior, and energetic properties of diuronium 1H,1H,5,5-bistetrazole-1,1-diolate salt. <i>Journal of Molecular Structure</i> , 2017, 1133, 519-525.	3.6	14
59	Preparation of Desensitizing CL-20/rGO Composites by in situ Reduction. <i>Propellants, Explosives, Pyrotechnics</i> , 2020, 45, 1293-1299.	1.6	14
60	Farrow-derived layered porous carbon aerogel for AP catalytic thermal decomposition. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2798-2808.	6.0	14
61	New tris(dopamine) derivative as an iron chelator. Synthesis, solution thermodynamic stability, and antioxidant research. <i>Journal of Inorganic Biochemistry</i> , 2017, 171, 29-36.	3.5	13
62	Tailored conductive fullerenes-based passivator for efficient and stable inverted perovskite solar cells. <i>Journal of Colloid and Interface Science</i> , 2021, 598, 229-237.	9.4	13
63	Synthesis of fulleropyrrolidines through the reaction of [60]fullerene with quaternary ammonium salts and amino acids. <i>Tetrahedron Letters</i> , 2009, 50, 5640-5643.	1.4	12
64	The Effects of Aniline Stabilizers on Nitrocellulose Based on Isothermal Thermal Decomposition. <i>Propellants, Explosives, Pyrotechnics</i> , 2020, 45, 880-888.	1.6	12
65	Electrostatic self-assembly desensitization of CL-20 by enhanced interface interaction. <i>Journal of Alloys and Compounds</i> , 2022, 900, 163504.	5.5	12
66	Reactions of [60]Fullerene with Halides and Amino Acids to Synthesize Fulleropyrrolidines. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6252-6262.	2.4	11
67	Synthesis of TiO <sub>2</sub> /Pd and TiO <sub>2</sub> /PdO Hollow Spheres and Their Visible Light Photocatalytic Activity. <i>International Journal of Photoenergy</i> , 2020, 2020, 1-9.	2.5	11
68	An efficient strontium-based combustion inhibitor of ammonium perchlorate with a 2D-MOF structure. <i>New Journal of Chemistry</i> , 2021, 45, 11068-11074.	2.8	11
69	Synthesis, characterization and thermal decomposition performance of polyaminofullerene nitrate. <i>Thermochimica Acta</i> , 2018, 663, 110-117.	2.7	10
70	Zeolite Imidazolate Frameworks-67 Precursor to Fabricate a Highly Active Cobalt-Embedded N-Doped Porous Graphitized Carbon Catalyst for the Thermal Decomposition of Ammonium Perchlorate. <i>ACS Omega</i> , 2021, 6, 25440-25446.	3.5	10
71	Fabrication of recyclable reduced graphene oxide/graphitic carbon nitride quantum dot aerogel hybrids with enhanced photocatalytic activity. <i>RSC Advances</i> , 2021, 11, 35147-35155.	3.6	10
72	Fabrication of g-C <sub>3</sub> N <sub>4</sub> /Bi <sub>2</sub> WO <sub>6</sub> as a direct Z-scheme excellent photocatalyst. <i>New Journal of Chemistry</i> , 2022, 46, 5751-5760.	2.8	10

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73	Combination of 3-Aminofurazan-4-carboxylic Acid and Transition Metals to Prepare Functional Energetic Catalysts for Catalyzing the Decomposition of Ammonium Perchlorate. <i>Crystal Growth and Design</i> , 2022, 22, 5802-5813.	3.0	10
74	Symmetrical 1,3-dicarbonyl biscatecholamide ligands as sequestering agents for uranyl decorporation. <i>Polyhedron</i> , 2015, 87, 417-423.	2.2	9
75	Synthesis of bifunctional biscatecholamine chelators for uranium decorporation. <i>Polyhedron</i> , 2016, 119, 387-395.	2.2	9
76	Novel enterobactin analogues as potential therapeutic chelating agents: Synthesis, thermodynamic and antioxidant studies. <i>Scientific Reports</i> , 2016, 6, 34024.	3.3	9
77	Isothermal curing of the glycidyl azide polymer binder system by microcalorimetry. <i>Polymer Testing</i> , 2018, 71, 231-237.	4.8	9
78	Isothermal thermal decomposition of the HMX-based PBX explosive JOL-1. <i>Journal of Energetic Materials</i> , 2021, 39, 1-9.	2.0	9
79	Novel energetic coordination compound [Cu(AT) <sub>4</sub> ]Cl <sub>2</sub> for catalytic thermal decomposition of ammonium perchlorate. <i>Journal of Solid State Chemistry</i> , 2021, 304, 122622.	2.9	9
80	Preparation and Thermal Performance of Fullerene-Based Lead Salt. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 2257-2262.	1.9	9
81	Novel solvent-free energetic 3D metal-organic frameworks and their laser response. <i>Chemical Engineering Journal</i> , 2022, 433, 134296.	12.7	9
82	1-Hydroxy-1,2,3,4-tetrazole and its transition metal complexes: A family of green high-energy catalysts for ammonium perchlorate. <i>Journal of Solid State Chemistry</i> , 2022, 308, 122896.	2.9	9
83	Solvent-Free Synthesis of N-Arylfulleropyrrolidine Derivatives Without Using Phase-Transfer Catalyst Under Microwave Irradiation. <i>Synthetic Communications</i> , 2010, 40, 580-586.	2.1	8
84	Synthesis, characterization, and thermal stability properties of PVTNP-co-PVAA through the azidoacetylation of polyvinyl 2,4,6-trinitrophenylacetal. <i>Macromolecular Research</i> , 2014, 22, 117-123.	2.4	8
85	Synthesis, spectroscopic characterization, thermal stability and compatibility properties of energetic PVB-g-GAP copolymers. <i>Journal of Polymer Research</i> , 2015, 22, 1.	2.4	8
86	Synthesis and self-sensitized photo-oxidation of 2-fulleropyrrolines by palladium( <sup>ii</sup> )-catalyzed heteroannulation of [60]fullerene with benzoyl hydrazone esters. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8845-8853.	2.8	8
87	Thermodynamics and kinetics of polyglycidyl nitrate-based urethane network formation by microcalorimetry. <i>Journal of Chemical Thermodynamics</i> , 2019, 132, 397-404.	2.0	8
88	Study on the stability effect and mechanism of aniline-fullerene stabilizers on nitrocellulose based on the isothermal thermal decomposition. <i>Polymer Degradation and Stability</i> , 2020, 178, 109221.	5.8	8
89	Rare-earth, nitrogen-rich, oxygen heterocyclic supramolecular compounds (Nd, Sm, and Eu): Synthesis, structure, and catalysis for ammonium perchlorate. <i>Journal of Rare Earths</i> , 2022, 40, 428-433.	4.8	8
90	Fullerene bisadduct stabilizers: The effect of different addition positions on inhibiting the autocatalytic decomposition of nitrocellulose absorbed nitroglycerin. <i>Defence Technology</i> , 2021, 17, 1944-1953.	4.2	8

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91	Assessment of the thermal stability, catalytic behavior, and laser ignitability of energetic coordination polymer [Cu(HBTT)(H <sub>2</sub> O)]. <i>Energetic Materials Frontiers</i> , 2021, 2, 186-192.	3.2	8
92	Synthesis and characterization of a potential bifunctional C <sub>60</sub> -Ih fullerene-based catechol amide ligand. <i>Mendeleev Communications</i> , 2015, 25, 204-206.	1.6	7
93	The thermal decomposition of silver dinitramide AgN(NO <sub>2</sub> ) <sub>2</sub> . <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 126, 1491-1498.	3.6	7
94	New hexadentate tris(dopamine) as iron chelating agent: Synthesis, solution thermodynamic stability and antioxidant activity studies. <i>Polyhedron</i> , 2019, 160, 261-267.	2.2	7
95	Comparative study on compatibility of graphene-based catalysts with energetic ingredients by using DSC and VST methods. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 144, 1139-1149.	3.6	7
96	A novel metal-organic framework precursor strategy to fabricate sub-micron CuO microspheres for catalytic thermal decomposition of ammonium perchlorate. <i>Materials Today Communications</i> , 2021, 26, 102139.	1.9	7
97	Lanthanide-nitrogen-rich supramolecular complexes (La Ce Pr): Synthesis, structure, and catalysis for ammonium perchlorate. <i>Journal of Solid State Chemistry</i> , 2021, 297, 122001.	2.9	7
98	Synthesis, crystallographic characterization, and potential application of fullerene anisole derivatives as nitrocellulose stabilizer. <i>Defence Technology</i> , 2023, 24, 164-172.	4.2	7
99	Interaction-Enhanced Coating of Energetic Material: A Generally Applicable Method for the Desensitization. <i>Propellants, Explosives, Pyrotechnics</i> , 2022, 47, .	1.6	7
100	CuCl <sub>2</sub> -Mediated Oxidative Coupling of N,N-Dimethylanilines with [60]Fullerene in the Presence of Molecular Oxygen. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 10507-10512.	3.7	6
101	Synthesis, Characterization, and Thermal Decomposition of a New Energetic Salt of 1H,1,4-dihydro-5,5-dimethyl-1H-tetrazole-1,4-diol. <i>Central European Journal of Energetic Materials</i> , 2018, 15, 405-419.	0.4	6
102	Facile synthesis of quantum dots/TiO <sub>2</sub> photocatalyst with superior photocatalytic activity: the effect of carbon nitride quantum dots and N-doped carbon dots. <i>Research on Chemical Intermediates</i> , 2021, 47, 5229-5247.	2.7	6
103	Direct Formation of Cycloadducts Between Fullerenes and Amino Acids Through Electron-Transfer Processes. <i>Synthetic Communications</i> , 2012, 42, 1532-1541.	2.1	5
104	Synthesis, characterization, thermal stability and compatibility properties of new energetic polymers. <i>Polymer Science - Series B</i> , 2016, 58, 194-204.	0.8	5
105	Preparation and characterization of nitrogen-rich bis-1-methylimidazole-1H,1,4-dihydro-5,5-dimethyl-1H-tetrazole-1,4-diolate energetic salt. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 3005-3013.	3.6	5
106	Hexadentate $\beta^2$ -Dicarbonyl(bis-catecholamine) Ligands for Efficient Uranyl Cation Decorporation: Thermodynamic and Antioxidant Activity Studies. <i>Inorganic Chemistry</i> , 2019, 58, 14626-14634.	4.0	5
107	Study on the isothermal decomposition of CL-20/HMX co-crystal by microcalorimetry. <i>Thermochimica Acta</i> , 2020, 690, 178665.	2.7	5
108	Fabrication and photocatalytic activity of graphitic-C <sub>3</sub> N <sub>4</sub> quantum dots-decorated basic zinc carbonate prepared by a co-precipitation method. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 20329-20339.	2.8	5

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109	Preparation of a Chitosan-Lead Composite Carbon Aerogel and Its Catalytic Thermal Decomposition Performance on Ammonium Perchlorate. <i>Langmuir</i> , 2022, 38, 8623-8632.	3.5	5
110	Synthesis and characterization of [60]fullerene-poly(3-azidomethyl-3-methyl oxetane) and its thermal decomposition. <i>RSC Advances</i> , 2015, 5, 90422-90427.	3.6	4
111	Synthesis of novel ultraviolet stabilizers based on [60]fullerene and their effects on photo-oxidative degradation of polystyrene. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2020, 28, 465-473.	2.1	4
112	Gas-liquid two-phase flow (GSF) mechanochemical synthesis of dual-metal-organic frameworks and research on electrochemical properties. <i>Nanoscale Advances</i> , 2020, 2, 5682-5687.	4.6	4
113	Interaction between cis-2 bis(benzofuro)[60]fullerene derivative and gas molecules of energetic materials (NO, NO <sub>2</sub> , N <sub>2</sub> , CO, CO <sub>2</sub> and HCN): A DFT-D study. <i>Computational and Theoretical Chemistry</i> , 2022, 1212, 113690.	2.5	4
114	The studies on the aromaticity of fullerenes and their holmium endohedral compounds. <i>Journal of Molecular Modeling</i> , 2011, 17, 275-279.	1.8	3
115	Water-soluble [60] fullerene derivatives as potential chelating agents of radionuclides via chlorofullerene (C <sub>60</sub> Cl <sub>6</sub> ) as a precursor. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2016, 24, 705-711.	2.1	3
116	Investigation on the Synthesis and Photocatalytic Property of Uranyl Complexes of the ̢ <sup>2</sup> -Diketonates Biscatecholamide Ligand. <i>International Journal of Photoenergy</i> , 2017, 2017, 1-12.	2.5	3
117	Synthesis, characterization, and thermal analysis of a new energetic salt based on 1-hydroxy-1H,1H,5,5-bitetrazol-1-olate. <i>Journal of Energetic Materials</i> , 2018, 36, 236-246.	2.0	3
118	Isothermal decomposition kinetics and possible decomposition process of pentaerythritol tetranitrate. <i>Journal of Energetic Materials</i> , 2021, 39, 287-298.	2.0	3
119	Design and synthesis of N-hydroxyalkyl substituted deferiprone: a kind of iron chelating agents for Parkinson's disease chelation therapy strategy. <i>Journal of Biological Inorganic Chemistry</i> , 2021, 26, 467-478.	2.6	3
120	Boosting electron transport over controllable N ligand doping for electrochemical conversion of CO <sub>2</sub> to syngas. <i>Electrochimica Acta</i> , 2021, 388, 138647.	5.2	3
121	Effect of morphology on the isothermal decomposition kinetics of nitroguanidine. <i>Thermochimica Acta</i> , 2022, 712, 179213.	2.7	3
122	Structure-activity relationship of thermal interaction between arylmalonamide[70]fullerocyclopropane stabilizer and nitrocellulose. <i>Cellulose</i> , 2022, 29, 6579-6593.	4.9	3
123	Ab initio molecular dynamics simulation on the formation process of He@C <sub>60</sub> synthesized by explosion. <i>Journal of Molecular Modeling</i> , 2013, 19, 1705-1710.	1.8	2
124	Synthesis of a tetrazine-based catecholamide derivative and its evaluation as a chelating agent for removal of Cd(II), Co(II), and Cu(II). <i>Journal of Coordination Chemistry</i> , 2017, 70, 2384-2392.	2.2	2
125	Chlorofullerene C <sub>60</sub> Cl <sub>6</sub> : A Precursor for Straightforward Preparation of Highly Water-Soluble Polyhydroxypyridinone Fullerene Derivatives as Potential Radionuclide Chelators. <i>ChemistrySelect</i> , 2017, 2, 12028-12033.	1.5	2
126	Synthesis and thermal performance study of C <sub>60</sub> -polyglycidyl nitrate (C <sub>60</sub> -PGN) maleic acid copolymer lead salts. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2018, 26, 880-886.	2.1	2



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127	Thermodynamics and Kinetics of Click Reaction between Benzyl Azide and Different Alkynes by Microcalorimetry. <i>Organic Process Research and Development</i> , 2020, 24, 163-171.	2.7	2
128	Isothermal decomposition and mechanism of N-guanylurea dinitramide. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 146, 2577-2585.	3.6	2
129	Construction of novel polyethylenimine-C <sub>3</sub> N <sub>4</sub> /BiOCl heterojunctions for the efficient photocatalytic degradation of nitro explosives. <i>New Journal of Chemistry</i> , 2021, 45, 14655-14664.	2.8	2
130	Isothermal decomposition of HMX before and after thermally induced $\beta \rightarrow \alpha'$ crystal transformation. <i>CrystEngComm</i> , 2021, 23, 7698-7705.	2.6	2
131	Thermal decomposition mechanism of amino-fullerene nitrates with different amounts of nitrate groups. <i>Journal of Thermal Analysis and Calorimetry</i> , 0, , 1.	3.6	2
132	Catalytic thermal decomposition of ammonium perchlorate by a series of lanthanide EMOFs. <i>Journal of Rare Earths</i> , 2023, 41, 516-522.	4.8	2
133	Synthesis, characterization, thermal stability, and compatibility properties of poly(vinyl Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.6	1
134	Effect of aniline-fullerene-based stabilizer on thermal decomposition of nitrocellulose. <i>Scientia Sinica Chimica</i> , 2022, 52, 758-767.	0.4	1
135	Synthesis of New Bis(3-hydroxy-4-pyridinone) Ligands as Chelating Agents for Uranyl Complexation. <i>Molecules</i> , 2016, 21, 299.	3.8	0
136	Premature thermal decomposition behavior of 3,4-dinitrofurazanfuroxan with certain types of nitrogen-rich compounds. <i>Defence Technology</i> , 2023, 26, 102-110.	4.2	0