Bo Jin

List of Publications by Year
in descending order

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136	2,024	279798	395702
papers	citations	23	33
		h-index	g-index

136	136	136	1492
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis, crystallographic characterization, and potential application of fullerene anisole derivatives as nitrocellulose stabilizer. Defence Technology, 2023, 24, 164-172.	4.2	7
2	Catalytic thermal decomposition of ammonium perchlorate by a series of lanthanide EMOFs. Journal of Rare Earths, 2023, 41, 516-522.	4.8	2
3	Premature thermal decomposition behavior of 3,4-dinitrofurazanfuroxan with certain types of nitrogen-rich compounds. Defence Technology, 2023, 26, 102-110.	4.2	0
4	Rare-earth, nitrogen-rich, oxygen heterocyclic supramolecular compounds (Nd, Sm, and Eu): Synthesis, structure, and catalysis for ammonium perchlorate. Journal of Rare Earths, 2022, 40, 428-433.	4.8	8
5	Preparation and characterization of HMX/NH2-GO composite with enhanced thermal safety and desensitization. Defence Technology, 2022, 18, 2074-2082.	4.2	15
6	Electrostatic self-assembly desensitization of CL-20 by enhanced interface interaction. Journal of Alloys and Compounds, 2022, 900, 163504.	5.5	12
7	Novel solvent-free energetic 3D metal-organic frameworks and their laser response. Chemical Engineering Journal, 2022, 433, 134296.	12.7	9
8	1-Hydroxy-1,2,3,4-tetrazole and its transition metal complexes: A family of green high-energy catalysts for ammonium perchlorate. Journal of Solid State Chemistry, 2022, 308, 122896.	2.9	9
9	Graphitic-C3N4 quantum dots modified FeOOH for photo-Fenton degradation of organic pollutants. Applied Surface Science, 2022, 586, 152792.	6.1	20
10	Fabrication of g-C₃N₄/Bi₂WO₆ as a direct Z-scheme excellent photocatalyst. New Journal of Chemistry, 2022, 46, 5751-5760.	2.8	10
11	Interaction between cis-2 bis(benzofuro)[60]fullerene derivative and gas molecules of energetic materials (NO, NO2, N2, CO, CO2 and HCN): A DFT-D study. Computational and Theoretical Chemistry, 2022, 1212, 113690.	2.5	4
12	Effect of aniline-fullerene-based stabilizer on thermal decomposition of nitrocellulose. Scientia Sinica Chimica, 2022, 52, 758-767.	0.4	1
13	Effect of morphology on the isothermal decomposition kinetics of nitroguanidine. Thermochimica Acta, 2022, 712, 179213.	2.7	3
14	Interactionâ€Enhanced Coating of Energetic Material: A Generally Applicable Method for the Desensitization. Propellants, Explosives, Pyrotechnics, 2022, 47, .	1.6	7
15	Structureâ€“activity relationship of thermal interaction between arylmalonamide[70]fullerocyclopropane stabilizer and nitrocellulose. Cellulose, 2022, 29, 6579-6593.	4.9	3
16	Combination of 3-Aminofurazan-4-carboxylic Acid and Transition Metals to Prepare Functional Energetic Catalysts for Catalyzing the Decomposition of Ammonium Perchlorate. Crystal Growth and Design, 2022, 22, 5802-5813.	3.0	10
17	Preparation of a Chitosan-Lead Composite Carbon Aerogel and Its Catalytic Thermal Decomposition Performance on Ammonium Perchlorate. Langmuir, 2022, 38, 8623-8632.	3.5	5
18	Isothermal decomposition and mechanism of N-guanylurea dinitramide. Journal of Thermal Analysis and Calorimetry, 2021, 146, 2577-2585.	3.6	2

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19	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.	3.6	7
20	Isothermal thermal decomposition of the HMX-based PBX explosive JOL-1. Journal of Energetic Materials, 2021, 39, 1-9.	2.0	9
21	Isothermal decomposition kinetics and possible decomposition process of pentaerythritol tetranitrate. Journal of Energetic Materials, 2021, 39, 287-298.	2.0	3
22	Study of H2AzTO-based energetic metal-organic frameworks for catalyzing the thermal decomposition of ammonium perchlorate. Chemical Engineering Journal, 2021, 404, 126287.	12.7	72
23	Facile fabrication of BiOCl nanoplates with high exposure {001} facets for efficient photocatalytic degradation of nitro explosives. Inorganic Chemistry Frontiers, 2021, 8, 777-786.	6.0	19
24	An efficient strontium-based combustion inhibitor of ammonium perchlorate with a 2D-MOF structure. New Journal of Chemistry, 2021, 45, 11068-11074.	2.8	11
25	A novel metal-organic framework precursor strategy to fabricate sub-micron CuO microspheres for catalytic thermal decomposition of ammonium perchlorate. Materials Today Communications, 2021, 26, 102139.	1.9	7
26	Modification of ZIF-8 on bacterial cellulose for an efficient selective capture of U(VI). Cellulose, 2021, 28, 5241-5256.	4.9	24
27	Cu-MOF derived Cu/Cu2O/C nanocomposites for the efficient thermal decomposition of ammonium perchlorate. Journal of Solid State Chemistry, 2021, 297, 122060.	2.9	49
28	Design and synthesis of N-hydroxyalkyl substituted deferiprone: a kind of iron chelating agents for Parkinson's disease chelation therapy strategy. Journal of Biological Inorganic Chemistry, 2021, 26, 467-478.	2.6	3
29	Lanthanide-nitrogen-rich supramolecular complexes (La Ce Pr): Synthesis, structure, and catalysis for ammonium perchlorate. Journal of Solid State Chemistry, 2021, 297, 122001.	2.9	7
30	Fullerene bisadduct stabilizers: The effect of different addition positions on inhibiting the autocatalytic decomposition of nitrocellulose absorbed nitroglycerin. Defence Technology, 2021, 17, 1944-1953.	4.2	8
31	Series of AzTO-Based Energetic Materials: Effect of Different Ï€â€“Ï€ Stacking Modes on Their Thermal Stability and Sensitivity. Langmuir, 2021, 37, 7118-7126.	3.5	17
32	Designing conductive fullerenes ionene polymers as efficient cathode interlayer to improve inverted perovskite solar cells efficiency and stability. Chemical Engineering Journal, 2021, 415, 128816.	12.7	15
33	Boosting electron transport over controllable N ligand doping for electrochemical conversion of CO2 to syngas. Electrochimica Acta, 2021, 388, 138647.	5.2	3
34	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. ACS Omega, 2021, 6, 25440-25446.	3.5	10
35	Tailored conductive fullerenes-based passivator for efficient and stable inverted perovskite solar cells. Journal of Colloid and Interface Science, 2021, 598, 229-237.	9.4	13
36	rGO/CNQDs/ZIF-67 composite aerogel for efficient extraction of uranium in wastewater. Chemical Engineering Journal, 2021, 419, 129622.	12.7	45

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37	Novel energetic coordination compound [Cu(AT)4]Cl2 for catalytic thermal decomposition of ammonium perchlorate. Journal of Solid State Chemistry, 2021, 304, 122622.	2.9	9
38	Assessment of the thermal stability, catalytic behavior, and laser ignitability of energetic coordination polymer [Cu(HBTT)(H2O)]. Energetic Materials Frontiers, 2021, 2, 186-192.	3.2	8
39	Fabrication and photocatalytic activity of graphitic-C₃N₄ quantum dots-decorated basic zinc carbonate prepared by a co-precipitation method. Physical Chemistry Chemical Physics, 2021, 23, 20329-20339.	2.8	5
40	Construction of novel polyethylenimine-g-C₃N₄/BiOCl heterojunctions for the efficient photocatalytic degradation of nitro explosives. New Journal of Chemistry, 2021, 45, 14655-14664.	2.8	2
41	High-Quality Carbon Nitride Quantum Dots on Photoluminescence: Effect of Carbon Sources. Langmuir, 2021, 37, 1760-1767.	3.5	51
42	Farrow-derived layered porous carbon aerogel for AP catalytic thermal decomposition. Inorganic Chemistry Frontiers, 2021, 8, 2798-2808.	6.0	14
43	Facile synthesis of quantum dots/TiO2 photocatalyst with superior photocatalytic activity: the effect of carbon nitride quantum dots and N-doped carbon dots. Research on Chemical Intermediates, 2021, 47, 5229-5247.	2.7	6
44	Fabrication of recyclable reduced graphene oxide/graphitic carbon nitride quantum dot aerogel hybrids with enhanced photocatalytic activity. RSC Advances, 2021, 11, 35147-35155.	3.6	10
45	Isothermal decomposition of HMX before and after thermally induced Î²â€“Î´ crystal transformation. CrystEngComm, 2021, 23, 7698-7705.	2.6	2
46	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
47	Synthesis of novel ultraviolet stabilizers based on [60]fullerene and their effects on photo-oxidative degradation of polystyrene. Fullerenes Nanotubes and Carbon Nanostructures, 2020, 28, 465-473.	2.1	4
48	Synthesis and crystal characterization of novel fulleropyrrolidines and their potential application as nitrocellulose-based propellants stabilizer. Polymer Degradation and Stability, 2020, 172, 109061.	5.8	26
49	Thermodynamics and Kinetics of Click Reaction between Benzyl Azide and Different Alkynes by Microcalorimetry. Organic Process Research and Development, 2020, 24, 163-171.	2.7	2
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	Gasâ€“solid two-phase flow (GSF) mechanochemical synthesis of dual-metalâ€“organic frameworks and research on electrochemical properties. Nanoscale Advances, 2020, 2, 5682-5687.	4.6	4
52	New Coreâ€“Shell Hybrid Material IR-MOF3@COF-LZU1 for Highly Efficient Visible-Light Photocatalyst Degrading Nitroaromatic Explosives. Langmuir, 2020, 36, 5665-5670.	3.5	27
53	Study on the isothermal decomposition of CL-20/HMX co-crystal by microcalorimetry. Thermochimica Acta, 2020, 690, 178665.	2.7	5
54	Study on the stability effect and mechanism of aniline-fullerene stabilizers on nitrocellulose based on the isothermal thermal decomposition. Polymer Degradation and Stability, 2020, 178, 109221.	5.8	8

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55	Facile Fabrication of Cuâ€doped Carbon Aerogels as Catalysts for the Thermal Decomposition of Ammonium Perchlorate. Applied Organometallic Chemistry, 2020, 34, e5700.	3.5	19
56	Engineering of Electron Extraction and Defect Passivation via Anion-Doped Conductive Fullerene Derivatives as Interlayers for Efficient Invert Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 24747-24755.	8.0	31
57	Novel energetic metalâ€“organic frameworks assembled from the energetic combination of furazan and tetrazole. Dalton Transactions, 2020, 49, 6295-6301.	3.3	33
58	Preparation of Desensitizing CLâ€20/rGO Composites by inâ€situ Reduction. Propellants, Explosives, Pyrotechnics, 2020, 45, 1293-1299.	1.6	14
59	Interaction of nitrocellulose with pentaacyloxyphenyl fullerene derivatives: autocatalytic inhibition in thermal decomposition of nitrocellulose. Cellulose, 2020, 27, 3611-3622.	4.9	17
60	The Effects of Aniline Stabilizers on Nitrocellulose Based on Isothermal Thermal Decomposition. Propellants, Explosives, Pyrotechnics, 2020, 45, 880-888.	1.6	12
61	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
62	Fullerene Stabilizer 4,11,15,30-Tetraarylamino Fullerenoarylaziridine: Regioselective Synthesis, Crystallographic Characterization Derivatives, and Potential Application as Propellant Stabilizer. ACS Applied Energy Materials, 2020, 3, 3005-3014.	5.1	15
63	The isothermal decomposition of a CL-20/HMX co-crystal explosive. CrystEngComm, 2020, 22, 1473-1479.	2.6	17
64	Novel fullerene-based stabilizer for scavenging nitroxide radicals and its behavior during thermal decomposition of nitrocellulose. Journal of Hazardous Materials, 2020, 391, 121857.	12.4	27
65	Synthesis of TiO₂/Pd and TiO₂/PdO Hollow Spheres and Their Visible Light Photocatalytic Activity. International Journal of Photoenergy, 2020, 2020, 1-9.	2.5	11
66	Self-assembled BiOCl/Ti3C2T composites with efficient photo-induced charge separation activity for photocatalytic degradation of p-nitrophenol. Applied Surface Science, 2020, 519, 146175.	6.1	58
67	Synthesis and stabilization mechanism of novel stabilizers for fullerene-malonamide derivatives in nitrocellulose-based propellants. Polymer Testing, 2020, 86, 106493.	4.8	25
68	Preparation and characterization of nitrogen-rich bis-1-methylimidazole1H,1â€²H-5,5â€²-bistetrazole-1,1â€²-diolate energetic salt. Journal of Thermal Analysis and Calorimetry, 2019, 135, 3005-3013.	3.6	5
69	Rare-earth supramolecular complex with 5,5â€²-bistetrazole-1,1â€²-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
70	Novel strategies for synthesizing energetic materials based on BTO with improved performances. Dalton Transactions, 2019, 48, 11848-11854.	3.3	30
71	Hexadentate Î²-Dicarbonyl(bis-catecholamine) Ligands for Efficient Uranyl Cation Decorporation: Thermodynamic and Antioxidant Activity Studies. Inorganic Chemistry, 2019, 58, 14626-14634.	4.0	5
72	Interaction and mechanism of nitrocellulose and N-methyl-4-nitroaniline by isothermal decomposition method. Cellulose, 2019, 26, 9021-9033.	4.9	24

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73	Study on the isothermal decomposition kinetics and mechanism of nitrocellulose. Polymer Testing, 2019, 75, 337-343.	4.8	62
74	Regioselective Synthesis and Crystallographic Characterization of Nontethered cis-1 and cis-2 Bis(benzofuro)[60]fullerene Derivatives. Organic Letters, 2019, 21, 9924-9928.	4.6	24
75	New hexadentate tris(dopamine) as iron chelating agent: Synthesis, solution thermodynamic stability and antioxidant activity studies. Polyhedron, 2019, 160, 261-267.	2.2	7
76	Thermodynamics and kinetics of polyglycidyl nitrate-based urethane network formation by microcalorimetry. Journal of Chemical Thermodynamics, 2019, 132, 397-404.	2.0	8
77	Palladium-Catalyzed Reaction of [60]Fullerene with Aroyl Compounds via Enolate-Mediated sp² Câ€“H Bond Activation and Hydroxylation. Journal of Organic Chemistry, 2018, 83, 672-683.	3.2	18
78	Novel insensitive energetic-cocrystal-based BTO with good comprehensive properties. RSC Advances, 2018, 8, 1784-1790.	3.6	18
79	Synthesis, characterization and thermal decomposition performance of polyaminofullerene nitrate. Thermochimica Acta, 2018, 663, 110-117.	2.7	10
80	Kinetic and thermodynamic analysis of the hydroxyl-terminated polybutadiene binder system by using microcalorimetry. Thermochimica Acta, 2018, 659, 13-18.	2.7	17
81	Synthesis, characterization, and thermal analysis of a new energetic salt based on 1Ê¹-hydroxy-1H,1Ê¹H-5,5Ê¹-bitetrazol-1-olate. Journal of Energetic Materials, 2018, 36, 236-246.	2.0	3
82	Synthesis and self-sensitized photo-oxidation of 2-fulleropyrrolines by palladium(<scp>II</scp>)-catalyzed heteroannulation of [60]fullerene with benzoyl hydrazone esters. Organic and Biomolecular Chemistry, 2018, 16, 8845-8853.	2.8	8
83	Synthesis and thermal performance study of C60-polyglycidyl nitrate (C60-PGN) maleic acid copolymer lead salts. Fullerenes Nanotubes and Carbon Nanostructures, 2018, 26, 880-886.	2.1	2
84	Isothermal curing of the glycidyl azide polymer binder system by microcalorimetry. Polymer Testing, 2018, 71, 231-237.	4.8	9
85	Controllable synthesis of flower-like MoSe₂ 3D microspheres for highly efficient visible-light photocatalytic degradation of nitro-aromatic explosives. Journal of Materials Chemistry A, 2018, 6, 11424-11434.	10.3	66
86	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
87	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
88	Synthesis, Characterization, and Thermal Decomposition of a New Energetic Salt of 1H,1â€²H-5,5â€²-Bistetrazole-1,1â€²-diol. Central European Journal of Energetic Materials, 2018, 15, 405-419.	0.4	6
89	Control of hydroxyapatite coating by selfâ€assembled monolayers on titanium and improvement of osteoblast adhesion. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2017, 105, 124-135.	3.4	21
90	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

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91	Synthesis of a tetrazine-based catecholamide derivative and its evaluation as a chelating agent for removal of Cd(II), Co(II), and Cu(II). Journal of Coordination Chemistry, 2017, 70, 2384-2392.	2.2	2
92	Large-area snow-like MoSe₂ monolayers: synthesis, growth mechanism, and efficient electrocatalyst application. Nanotechnology, 2017, 28, 275704.	2.6	26
93	New tris(dopamine) derivative as an iron chelator. Synthesis, solution thermodynamic stability, and antioxidant research. Journal of Inorganic Biochemistry, 2017, 171, 29-36.	3.5	13
94	Synthesis, thermal behavior, and energetic properties of diuronium 1H,1â€²H-5,5â€²-bistetrazole-1,1â€²-diolate salt. Journal of Molecular Structure, 2017, 1133, 519-525.	3.6	14
95	Preparation and characterization of insensitive HMX/rGO/G composites via in situ reduction of graphene oxide. RSC Advances, 2017, 7, 32275-32281.	3.6	30
96	Chlorofullerene C₆₀Cl₆: A Precursor for Straightforward Preparation of Highly Waterâ€Soluble Polyâ€hydroxypyridinone Fullerene Derivatives as Potential Radionuclide Chelators. ChemistrySelect, 2017, 2, 12028-12033.	1.5	2
97	Investigation on the Synthesis and Photocatalytic Property of Uranyl Complexes of the Î²-Diketonates Biscatecholamide Ligand. International Journal of Photoenergy, 2017, 2017, 1-12.	2.5	3
98	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. Materials, 2016, 9, 681.	2.9	33
99	Synthesis of New Bis(3-hydroxy-4-pyridinone) Ligands as Chelating Agents for Uranyl Complexation. Molecules, 2016, 21, 299.	3.8	0
100	Synthesis, Characterization, Thermal Stability and Sensitivity Properties of New Energetic Polymersâ€"PVTNP-g-GAPs Crosslinked Polymers. Polymers, 2016, 8, 10.	4.5	14
101	The thermal decomposition of silver dinitramide AgN(NO2)2. Journal of Thermal Analysis and Calorimetry, 2016, 126, 1491-1498.	3.6	7
102	Nitrogen-rich energetic salts of 1H,1â€²H-5,5â€²-bistetrazole-1,1â€²-diolate: synthesis, characterization, and thermal behaviors. RSC Advances, 2016, 6, 48590-48598.	3.6	22
103	Synthesis, characterization, thermal stability and compatibility properties of new energetic polymers. Polymer Science - Series B, 2016, 58, 194-204.	0.8	5
104	Water-soluble [60] fullerene derivatives as potential chelating agents of radionuclides via chlorofullerene (C60Cl6) as a precursor. Fullerenes Nanotubes and Carbon Nanostructures, 2016, 24, 705-711.	2.1	3
105	Synthesis of bifunctional biscatecholamine chelators for uranium decorporation. Polyhedron, 2016, 119, 387-395.	2.2	9
106	CuCl2-Mediated Oxidative Coupling of N,N-Dimethylanilines with [60]Fullerene in the Presence of Molecular Oxygen. Industrial & Engineering Chemistry Research, 2016, 55, 10507-10512.	3.7	6
107	A novel 3D energetic MOF of high energy content: synthesis and superior explosive performance of a Pb(<scp>ii</scp>) compound with 5,5â€²-bistetrazole-1,1â€²-diolate. Dalton Transactions, 2016, 45, 13881-13887.	3.3	60
108	Novel enterobactin analogues as potential therapeutic chelating agents: Synthesis, thermodynamic and antioxidant studies. Scientific Reports, 2016, 6, 34024.	3.3	9

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109	Synthesis, characterization and properties of nitrogen-rich compounds based on cyanuric acid: a promising design in the development of new energetic materials. Journal of Materials Chemistry A, 2016, 4, 4971-4981.	10.3	28
110	Synthesis and characterization of a potential bifunctional C60-Ih fullerene-based catechol amide ligand. Mendeleev Communications, 2015, 25, 204-206.	1.6	7
111	Symmetrical 1,3-dicarbonyl biscatecholamide ligands as sequestering agents for uranyl decorporation. Polyhedron, 2015, 87, 417-423.	2.2	9
112	DMSO: An Efficient Catalyst for the Cyclopropanation of C_{60,} C₇₀, SWNTs, and Graphene through the Bingel Reaction. Industrial & Engineering Chemistry Research, 2015, 54, 2879-2885.	3.7	16
113	Synthesis and Characterization of [60]Fullerene-Poly(glycidyl nitrate) and Its Thermal Decomposition. Industrial & Engineering Chemistry Research, 2015, 54, 2613-2618.	3.7	22
114	Synthesis, spectroscopic characterization, thermal stability and compatibility properties of energetic PVB-g-GAP copolymers. Journal of Polymer Research, 2015, 22, 1.	2.4	8
115	Synthesis and Characterization of [60]Fullerene-Glycidyl Azide Polymer and Its Thermal Decomposition. Polymers, 2015, 7, 896-908.	4.5	19
116	Synthesis, characterization, thermal stability, and compatibility properties of poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (<i	2.6	1
117	Synthesis and characterization of [60]fullerene-poly(3-azidomethyl-3-methyl oxetane) and its thermal decomposition. RSC Advances, 2015, 5, 90422-90427.	3.6	4
118	Synthesis, characterization, and thermal stability properties of PVTNP-co-PVAA through the azidoacetylation of polyvinyl 2,4,6-trinitrophenylacetal. Macromolecular Research, 2014, 22, 117-123.	2.4	8
119	Synthesis of [60]Fullerene-Fused Tetrahydrobenzooxepine and Isochroman Derivatives via Hydroxyl-Directed Câ€“H Activation/Câ€“O Cyclization. Organic Letters, 2014, 16, 1638-1641.	4.6	41
120	Synthesis and Characterization of a New Energetic Plasticizer: Acyl-Terminated GAP. International Journal of Polymer Analysis and Characterization, 2014, 19, 522-531.	1.9	14
121	Combustion Effects of Nitrofulleropyrrolidine on RDXâ€CMDB Propellants. Propellants, Explosives, Pyrotechnics, 2014, 39, 874-880.	1.6	22
122	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
123	Reactions of [60]Fullerene with Halides and Amino Acids to Synthesize Fulleropyrrolidines. European Journal of Organic Chemistry, 2014, 2014, 6252-6262.	2.4	11
124	Preparation and Thermal Performance of Fullerene-Based Lead Salt. Bulletin of the Korean Chemical Society, 2014, 35, 2257-2262.	1.9	9
125	Ab initio molecular dynamics simulation on the formation process of He@C60 synthesized by explosion. Journal of Molecular Modeling, 2013, 19, 1705-1710.	1.8	2
126	Direct Formation of Cycloadducts Between Fullerenes and Amino Acids Through Electron-Transfer Processes. Synthetic Communications, 2012, 42, 1532-1541.	2.1	5

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127	Study on the thermal reactions of [60]fullerene with amino acids and amino acid esters. Organic and Biomolecular Chemistry, 2012, 10, 8720.	2.8	24
128	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
129	Synthesis, characterization, thermal stability and sensitivity properties of the new energetic polymer through the azidoacetylation of poly(vinyl alcohol). Polymer Degradation and Stability, 2012, 97, 473-480.	5.8	20
130	Synthesis and characterization of poly(vinyl 2,4,6â€trinitrophenylacetal) as a new energetic binder. Journal of Applied Polymer Science, 2011, 122, 1643-1648.	2.6	15
131	The studies on the aromaticity of fullerenes and their holmium endohedral compounds. Journal of Molecular Modeling, 2011, 17, 275-279.	1.8	3
132	Solvent-Free Synthesis of N-Arylfulleropyrrolidine Derivatives Without Using Phase-Transfer Catalyst Under Microwave Irradiation. Synthetic Communications, 2010, 40, 580-586.	2.1	8
133	Synthesis of fulleropyrrolidines through the reaction of [60]fullerene with quaternary ammonium salts and amino acids. Tetrahedron Letters, 2009, 50, 5640-5643.	1.4	12
134	Preparation of He@C60 and He2@C60 by an explosive method. Journal of Materials Chemistry, 2009, 19, 3602.	6.7	34
135	Study of the Desensitizing Effect of Different [60]Fullerene Crystals on Cyclotetramethylenetetranitramine (HMX). Propellants, Explosives, Pyrotechnics, 2008, 33, 454-458.	1.6	19
136	Thermal decomposition mechanism of amino-fullerene nitrates with different amounts of nitrate groups. Journal of Thermal Analysis and Calorimetry, 0, , 1.	3.6	2