

## A list of papers submitted to ICDT

No.	Author	Organisation	Manuscript Title	Country
1	Abdeen Omer	Energy Research Institute	Demand for Clean Energies Efficient Development in Building Technologies	United Kingdom
2	Aleksander Wasilewski	Military Institute of Armament Technology	Utility of piezoelectric pressure waveform in muzzle velocity calculations	Poland
3	An Xuanyi	Beijing Institute of Technology	Responses of materials of honeycomb structures with ceramic insertions against a long-rod tungsten projectile	China
4	Atamanov Meiram	Institute of Combustion Problems	NEW ENERGETIC GRAPHENE OXIDE FRAMEWORKS (GOFs) FOR COMBUSTION OF HAN-BASED MONOPROPELLANT	Kazakhstan
5	Ayodeji Ayoola	Covenant University	Anticorrosion behaviour and tribology study of Zn-CeO <sub>2</sub> -SnO <sub>2</sub> coating produced	Nigeria
6	Ayodele Daniyan	Obafemi Awolowo University Ile-Ife	Structural Evolution, Optoelectrical and Corrosion Properties of Electrodeposited WO <sub>3</sub> Integration on Zn-TiO <sub>2</sub> Electrolyte for Defence Super Application	Nigeria
7	Bin Liang	Institute of systems engineering, China Academy of Engineering Physics	Numerical simulation and experimental study on shock initiation of multi-layered interval targets by large mass tungsten fragments	China
8	Cai Xudong	Mechanical Ordnance College	Effect of particle size on the preparation and microwave absorption properties of FeSiAl magnetically soft alloy hollow microspheres	China
9	Cao Shaoxun	Ningbo Branch of China Ordnance Academy	Dynamic Mechanical Behavior and Energy Releasing Characteristics of Al-Ni-W Reactive Materials	China
10	Chang Bo	Xi'an Modern Chemistry Research Institute	Analysis on TNT equivalencies of several CL-20 based composite explosives	China
11	Chang Lu	Beijing Institute of Computer Application	An Optimal Method of High-reliability CAN-bus Networking System	China
12	Chen Congcong	Nocinco QingYang Chemical Industry Corporation	Effect of solid filler on the mechanical properties of propellant	China
13	Chen Ding	Xi'an Technological University	Optimization arrangement approach to avoid multiple projectiles passing simultaneously through a screen in sky-screen velocity measurement system	China
14	Chen Entao	China Shipbuilding Industry No. 702 Research Institute	Calculation and verification of the deflection effect in electromagnetic armor to armor piercing projectile	China

No.	Author	Organisation	Manuscript Title	Country
15	Chen Jin	Xi'an Modern Chemistry Research Institute	DYNAMIC MECHANICAL RESPONSE AND DAMAGE EFFECTS OF NI- AL-W STRUCTURAL ENERGETIC MATERIAL UNDER EXPLOSIVE LOADING	China
16	Chen Minglei	Gansu Yinguang Chemical Industry Group Co., Ltd.	Study on Combustion performance of a New propellant	China
17	Chen Minglei	Gansu Yinguang Chemical Industry Group Co., Ltd.	Study on the influence of pressure parameters on the density of mixed explosive	China
18	Chen Minglei	Gansu Yinguang Chemical Industry Group Co., Ltd.	Dissolution Thermodynamics of Disodium 5, 5'-Bistetrazole-1, 1'-diolate in N,N-Dimethylformamide	China
19	Chen Minglei	Gansu Yinguang Chemical Industry Group Co., Ltd.	Reliability allocation based on Analytic hierarchy process	China
20	Chen Peng	Xi'an Modern Chemistry Research Institute	Research on Complex Stress Loading Experiment Technology of PBX Explosive	China
21	Chen Shichao	Xi'an Institute of modern control technology	Transfer Characteristic Analysis for Missile-Born Shock Signal based on System Discrimination	China
22	Chen Wei	Institute of systems engineering, China Academy of Engineering Physics	Decoupling Controller design for Spinning Missile Using Off-line Predictive Control	China
23	Cheng Miao	Beijing Institute of Technology	Study on Dynamic Mechanical Properties of High Nitrogen Steels	China
24	Dan Liu	Northwest institute of mechanical and electrical engineering	Behavior and characteristics of the surface of metal material under hawking surface modification	China
25	Dan Liu	Northwest institute of mechanical and electrical engineering	Behavior and characteristics of ultrasonic-electric surface modification on metal material	China
26	Dang Saichao	University of Science and Technology of China	The design theory for a flat plate microwave absorber with a protective cover	China
27	Danyal Magnus	Imperial College London	Epidemiology of Civilian Blast Injuries Inflicted by Terrorist Bombings from 1970-2016	United Kingdom
28	DEVA RAJU	SR Engineering College	Influence of Nano-sized SiC reinforcement particles on Mechanical and Wear behavior of 6061-T6 Aluminum alloy nano surface composites processed via Friction stir processing	India
29	DEVA RAJU	SR Engineering College	Impact of Nano-sized SiC reinforcement particles on Mechanical and Wear of 6061-T6 Aluminum alloy nano surface composites	India

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			fabricated by Friction stir processing	
30	Dong Guodan	Nanjing University of Science and Technology	The Richtmyer-Meshkov instability in a square cylinder under a uniform transverse magnetic field	China
31	Dong Tianbao	Institute of Chemical Materials, China Academy of Engineering Physics	Time evolution of irreversible volume expansion and mechanical properties of TATB-based PBX under thermal fatigue loading	China
32	Fan Zhuang-qin g	Army Medical University	The Blunt Injury Caused by Gunshot to Body Armor and The Improvement Strategy	China
33	Fang Wang	Nanjing University of Science and Technology	Two-dimensional Numerical Investigation on the Gas-liquid Two-phase Rotating Detonation Waves	China
34	Fei Gao	Naval Academy, Institution of Ocean Environment, Underwater Acoustic Environment Laboratory,	Acoustic multipath propagation in deep ocean with a typical summer sound speed profile	China
35	Feng Bin	China Huayin Ordnance Test Center	Numerical Simulation of Shaped Charge Igniting Thick-cased-explosives Covered by Soil	China
36	Feng Haiyun	Xi'an Modern Chemistry Research Institute	The Study on Explosive Power Field of Conjugate Arrays Charge	China
37	Feng Jing	Nanjing University of Science and Technology	Numerical Investigations on a Cold Launch with Different Composition Ratio of Propellant Mixtures in the Ram Accelerator	China
38	Feng Mei	Institute of Chemical Materials, China Academy of Engineering Physics	Optimized design and realization of automatic control system for the explosive mixing equipment	China
39	Feng Shuai	Army Armor Academy, Department of Ordnance and Control Engineering	Analysis of the influence of trunnion-bearing clearance on the muzzle dynamic response of the Overhead Weapon Station	China
40	Feng Xiaowei	Institute of Systems Engineering, China Academy of Engineering Physics	Numerical Modeling and Simulation of Failure Waves Propagation in Brittle Glasses under Planar Shock Loading	China
41	Feng Zhicheng	Nanjing University of Science and Technology	Two-stage irregular projectile penetration resistance analysis	China
42	Fikie Madinoge Kgoete	Tshwane University of Technology,	Influence of spark plasma sintering on microstructure and corrosion behaviour of Ti-6Al-4V reinforced with micron-sized Si <sub>3</sub> N <sub>4</sub> Powder.	South Africa

No.	Author	Organisation	Manuscript Title	Country
43	Frederik Mostert	CSIR	Challenges in Blast Protection Research	South Africa
44	Gang CHEN	Institute of systems engineering, China Academy of Engineering Physics	Data Processing for Projectile Rigid Acceleration with Ensemble Empirical Mode Decomposition	China
45	Gang Dong	of Science and Technology	Parallel Chemistry Acceleration Algorithm in the Application of Oblique Detonation Simulations	China
46	Gao Dayuan	Institute of Chemical Materials, China Academy of Engineering Physics	Risk Classification and Identification of Explosives	China
47	Gao Kanghua	Northwest Institute of Mechanical and Electrical Engineering	Experimental study on performances of pressure venting devices under internal gas deflagration condition	China
48	Gao Yuan	Nanjing University of Science and Technology	Numerical simulation of the railgun muzzle arc based on FLUENT	China
49	Gou Shanghai	China Huayin Ordnance Test Center	Analysis of the influence of measured ballistic wind application method on firing accuracy	China
50	Gou Shanghai	China Huayin Ordnance Test Center	Research of the exterior ballistic characteristics of the same caliber armoured weapon	China
51	Guan Jun	Nanjing University of Science and Technology	Terminal Sliding Mode Guidance Law with Impact Angle Constraints	China
52	Guo Chun	Nanjing University of Science and Technology	An Engineering Calculation Method for the Velocity of Multiple Explosively Formed Penetrators	China
53	Guo Sha	Xi'an Modern Chemistry Research Institute	Study on the influence of FAE fuel density on dispersal radius	China
54	He Yuhang	Beijing Institute of Technology	Detonating control method based on missile-target relative attitude for accurate hit of oriented damage elements	China
55	He Yumin	Liaoshen Industries Co., Ltd	Study on charging process of EFP warhead with embedded detector	China
56	Huang Guangyan	Beijing Institute of Technology	The fragmentation of D-shaped casing filled with explosive under eccentric initiation	China
57	Hu Hongwei	Xi'an Modern Chemistry Research Institute	Characteristic of bubble impulse for underwater explosion of aluminized CL-20 explosives	China
58	Hu Jingkun	China Huayin Ordnance Test Center	Research on Wireless Communication Distance Test Methods for Small Ground Mobile Unmanned Platform	China
59	Hu Shengrong	Nanjing University of Science and Technology	Preliminary Realization of Visualization Finite Element Analysis System on Composite Barrel of Railgun	China

No.	Author	Organisation	Manuscript Title	Country
60	Hu Yubo	Nanjing University of Science and Technology	Research on the Influence of Different Velocities on the Formation Characteristics of Supercavity in Underwater High-speed Projectiles	China
61	Huang Lei	Nanjing University of Science and Technology	Optimal Guidance Laws with Impact Point and Impact Angle for the Missile	China
62	Huang Ruiyuan	Nanjing University of Science and Technology	Study on the mechanism of spallation in an Al-Li alloy	China
63	Janzon Bo	SECRA Security Research	TecTracer - Indelible Forensic Marking of Weapons and Munitions	Sweden
64	Ji Jianrong	Xi'an Modern Chemistry Research Institute	THE EXPERIMENTAL STUDY OF THERMO-BARIC EXPLOSION PROPERTIES IN TUNNEL	China
65	Jiang Daiwen	Nanjing University of Science and Technology	Numerical investigation of the turbulent channel flow under space-dependent electromagnetic force control at different Reynolds numbers	China
66	Jiang Haiyan	Xi'An Modern Chemistry Research Institute	Damage Criteria of Warship Cabin Structure under Inner-Explosion Loading	China
67	Jiang Jianwei	Beijing Institute of Technology	3D multi-scale numerical simulation on W-Cu shaped charge jet	China
68	Jiba Zetu	CSIR	Influences of Fine Water Mist on the Post-detonation Processes of a PE4 Explosive Charge in a Semi-confined Blast Chamber	South Africa
69	Jiba Zetu	CSIR	Implications of Fine Water Mist Environment on the Post-detonation Processes of a PE4 Explosive Charge in a Semi-confined Blast chamber	South Africa
70	Jing Yidong	Xi'an Modern Chemistry Research Institute	Xi'an Modern Chemistry Research Institute	China
71	Jing Yong	Nanjing University of Science and Technology	Electrical Load Characteristics Assessment of a Discharge Rod Plasma Generator	China
72	Jun Feng	Nanjing University of Science and Technology	Numerical study of size effect in concrete penetration with LDPM	China
73	Jun Li	Beijing Institute of Technology	Safety Analysis on Truing Process of Solid Propellant	China
74	Kai Yang	Xi 'an Modern Control Technology Research Institute	Study on the Comprehensive Performance Improvement of the Laser-Guided Missile Weapon System	China
75	kodo Ito	Tottori University	Inspection Models with Minimal Repair	Japan
76	Kong Lin	Xi'an Modern Chemistry Research Institute	Test Method for Ground Shockwave from the Explosive Near-field	China
77	lan lan	Inner Mongolia Metal	Research on Laser Surface Cladding Of	China

No.	Author	Organisation	Manuscript Title	Country
		Materials Research Institute	Tungsten Cathode with Ni60A Alloy Powders	
78	Lehlogonolo Rudolf Kanyane	Tshwane University of Technology	Metal Matrix Composite Development of Zn-V2O5-NbO2 Coating Towards Mechanical and Corrosion Improvement of Mild Steel for Defence Application	South Africa
79	Lesbayev Aidos	Institute of Combustion Problems	INFLUENCE OF MAGNETITE NANOPARTICLES ON SHIELDING PROPERTIES OF CONCRETE FROM MICROWAVE RADIATION	Kazakhstan
80	Li Chen	Army Engineering University	Dynamic Responses of RC beams under Double-end-initiated Close-in Explosion	China
81	Li Fang	No.213 Institute of China Ordnance	Study on Failure Characteristics of Electric Explosives under Different Storage Conditions	China
82	Li Gang	Xi'an Modern Chemistry Research Institute	Research on detonation constraint and driving gain	China
83	Li Guosheng	Wuhan Ship Communications Research Institute	Measurement of water bulk viscosity based on Brillouin Scattering	China
84	Li Hongye/ Zhang Honglin	Liaoning Qingyang Special Chemical Co., Ltd.	The mechanism of production and control measures for static electricity in the manufacturing process of propellant	China
85	Li Hui	Shaanxi Institute of Applied Physical Chemistry	The Simulation of Damage Ability of Shock Wave Underwater Explosion	China
86	Li Jiao	Shaanxi Institute of Applied Physical Chemistry	Study on Energy Conversion Characterization of Low Energy Exploding Foil Initiator System	China
87	Li Juntao	Institute of Electronic Engineering, China Academy of Engineering Physics	Design and Characterization of High-Voltage 4H-SiC GTO Thyristor for Pulse Power Applications	China
88	Li lin	Nanjing University of Science and Technology	Numerical simulation on the damage effect of the -blast location and the charge weight on the protective layer of reinforced concrete and its rear facilities	China
89	Li Rui	Nanjing University of Science and Technology	Study on Mach Collision and Jet Formation under Annular Initiation	China
90	Li Tianxiong	Nanjing University of Science and Technology	Experimental investigation on projectiles high-speed water entry	China
91	Li Wang	Nanjing University of Science and Technology	Effect of flame stabilization structure on flow field of Al/AP powder engine	China
92	Li Wei	CAEP.institute system Engineering	Dynamic response of cylindrical and spherical sandwich structures subjected to deflagration pressure released by reactive material fragment	China
93	Li	Inner Mongolia Metal	Systematic research on the performance of	China

No.	Author	Organisation	Manuscript Title	Country
	Xiaojing	Material Research Institute	Self-designed Microwave plasma reactor for CVD high quality diamond	
94	Li Xin	Xi'an Modern Chemistry Research Institute	Parametric Optimization of Warhead Assembly Positioning Based on Visual Measurement Technology	China
95	Li Yishu	No.52 Institute of China Ordnance	Interaction of a Shaped Charge Jet with Multi-layer Arc Sandwich Structures	China
96	Li Zhenxiao	Nanjing University of Science and Technology	Analysis on Overvoltage in Electromagnetic Launch Under the No-load Condition	China
97	Li Zhirong	Xi'an Modern Chemistry Research Institute	Explosion Pressure Load Distribution Characteristics in Closed Environment	China
98	Liang Bin	Institute of systems engineering, China Academy of Engineering Physics	Numerical simulation and experimental study on shock initiation of multi-layered interval targets subjected by large mass tungsten fragments impact	China
99	Liang Xiaolu	Xi'an Modern Chemistry Research Institute	The Energy Release Characteristic Research of Energetic Shells Under Explosive Loading	China
100	Lin Qinghua	Nanjing University of Science and Technology,	Analysis and Discussion on Launching Mechanism and Tactical Electromagnetic Railgun Technology	China
101	Liu Bo	Xi'an Modern Chemistry Research Institute	Effect of a Certain Additive Used in Modified Single Base Propellant	China
102	Liu Bo	China Academy of Engineering Physics	Numerical Simulation about the Influence of the Penetrating Targets on the Projectile's Stress Environment	China
103	Liu Feifei	North Heavy Industries Group Corp.Ltd	Study on the Influence of Projectile on Muzzle Disturbance	China
104	Liu Jiayun	Beijing Institute of Technology	Characteristics of fragmentation under compound charge detonation loading	China
105	Liu Qi	Northwest institute of mechanical and electrical engineering	Research on a Transient Temperature Measuring Device with Blind Hole for a Large Caliber Gun	China
106	Liu Qi	Northwest institute of mechanical and electrical engineering	Research on the Engraving Resistance of a Large-caliber Artillery Projectile Based on Simplified Chip Model	China
107	Liu Wei	Shaanxi Institute of Applied Physical Chemistry	Theoretical Calculations on Critical Temperature of Hot-spot Initiation for In-situ Cu(N3)2 Micro-charge	China
108	Liu Xiangrong	Nanjing University of Science and Technology	Analysis of minor-caliber railgun arc-suppression methods	China
109	Liu Xiangyan	Nanjing University of Science and Technology	Armored Vehicle Battle Damage Assessment Model Based on Dynamic Bayesian Network	China
110	Liu Yi	Nanjing University of	Influence of the Nozzle Size on the Plasma Jet	China

No.	Author	Organisation	Manuscript Title	Country
		Science and Technology	Evolution in Liquid Media	
111	Liu Yuqian	Air Force Engineering University	Efficiency Analysis of Missile Shielding Cylinder with Coils	China
112	Li Xinglong	China Academy of Engineering Physics	Numerical Simulation of RDX based Aluminized Explosive in Air Blast	China
113	Liyuxi Li	Xi 'an Modern Control Technology Research Institute	Research on the problem of IPPS considering order inserting	China
114	Luigi De Luca	SPLab, Department of Aerospace Science and Technology	Overview of Al-Based Nanoenergetic Ingredients for Solid Rocket Propulsion	Italy
115	Lukin Alexander	Western-Caucasus Research Center	A Novel Strategy for Smart Control by Micro-Scale Oscillatory Networks for Enhanced Extreme Thrust Control of the Next-Generation Solid Propulsion Systems	Russian Federation
116	Lv Yipin	Nanjing University of Science and Technology	Nonlinear Dynamics and Bifurcation Control of Underwater Supercavitating Vehicles..	China
117	Ma Yiyan	Northwestern Polytechnical University	Comparative Analysis of Fault Tree in Probability Security Assessment and Reliability Estimation	China
118	Merda Tomasz	Military Institute of Armament Technology	Flight modeling of semi unstable supersonic mortar projectile	Poland
119	Miao Haiyu	Air Force Engineering University	Coupling Analysis on Armature-Rail Contact in Railgun	China
120	Mu Qing	Nanjing University of Science and Technology	Numerical simulation for high speed water entry of supercavitation projectile	China
121	Ni Yanjie	Nanjing University of Science and Technology	Ignition simulation of a capillary plasma generator in a 30mm electrothermal-chemical gun	China
122	Niu Gongjie	Institute of systems engineering, China Academy of Engineering Physics	Simulation and Experimental Study on Fast Cook-off of PBX Explosive in Strong Constraint Conditon	China
123	Omotayo Sanni	Tshwane University of Technology	STUDY OF THE INHIBITIVE EFFECT OF EGG SHELL POWDER ON THE CORROSION OF UNS N08904 AUSTENITIC STAINLESS STEEL IN CHLORIDE SOLUTION	South Africa
124	Omotayo Sanni	Tshwane University of Technology	THE INHIBITIVE STUDY OF EGG SHELL POWDER ON UNS N08904 AUSTENITIC STAINLESS STEEL CORROSION IN CHLORIDE SOLUTION	South Africa
125	Onur	MKE Corporation	Numerical evaluation of an autofrettaged	Turkey



No.	Author	Organisation	Manuscript Title	Country
	GÜNGÖR		thick-walled cylinder under dynamically applied axially non-uniform internal service pressure distribution	
126	Pacek Dawid	Military Institute of Armament Technology	Investigation of multi-hit ballistic resistance of the ceramic-textile armour	Poland
127	Pang Weiqiang	Xi'an Modern Chemistry Research Institute	Effect of ADN and GUDN on the Combustion of NEPE Solid Propellant	China
128	Qu Yanyang	Institute of Chemical Materials, China Academy of Engineering Physics	Theoretical Study on 1, 1'-azobis-polynitrodiazole-N-oxides	China
129	Qu Yanyang	Institute of Chemical Materials, China Academy of Engineering Physics	Synthesis, single crystal structure and performance of N-Aryl substituted of 1,2,3-triazole derivatives	China
130	Raghavarapu Venkata Krishnarao	Defence Metallurgical Research Laboratory	Joining and machining of (ZrB <sub>2</sub> -SiC) and (Cf-SiC) based composites	India
131	Ren Huanmei	Shanghai Jianqiao University	Vibration Decoupling Optimization of Automobile Engine Suspension Mounting System	China
132	Ren Huanmei	Shanghai Jianqiao University	Study on agricultural machinery remanufacturing standers	China
133	Ren Xinlian	Xi'an Modern Chemistry Research Institute	Numerical simulation analysis of explosively formed projectile based on ALE method	China
134	Sifiso Maseko	Tshwane University of Technology,	Characterization of Ceramic Reinforced Titanium Matrix Composites Fabricated by Spark Plasma Sintering for Anti-Ballistic Applications	South Africa
135	Stanisław Rzewuski	Rs Technologies sp. z o.o.	Supersonic rocket detection experiment – comparison of the data from active and passive radar system.	Poland.
136	Sun Baoping	Capital University of Economics and Business	Numerical study on tunnel excavation by blasting	China
137	SU Zizhou	Northwest Institute of Mechanical and Electrical Engineering	Study on the Application of electromagnetic Railgun	China
138	Svatopluk Zeman	University of Pardubice, Faculty of Chemical Technology	cis-1,3,4,6-Tetranitrooctahydroimidazo-[4,5-d]imidazole (BCHMX) as a part of explosive mixtures	Czechia
139	Tang Enling	SHENYANG LIGONG UNIVERSITY	Research on Dynamic Response Characteristics of CFRP/Al HC SPs Subjected to High-velocity Impact	China
140	Tang Enling	SHENYANG LIGONG UNIVERSITY	Circuit Response Characteristics of Pancake-coil Electromagnetic Launch System	China

No.	Author	Organisation	Manuscript Title	Country
			Based on Capacitor Discharge	
141	Tang Jiaojiao	Xi'an Modern Chemistry Research Institute	Research on linear distribution damage technology and damage effect of cutting structure	China
142	Tang Qiufan	Xi'an Modern Chemistry Research Institute	Thermochemistry of 1,3,3-Trinitroazetidine and 1,1-Diamino-2,2-dinitroethylene	China
143	Tang Qiufan	Xi'an Modern Chemistry Research Institute	Molecular Dynamics Simulation and Experimental Study on the Plasticizing Properties of TMETN/NG CMDDB propellants	China
144	Tao Jiaxin	Xi'an Aeronautical University	Studies of a Combined Way of Flame Stability in Ramjet Combustor	China
145	Tian Hui	Nanjing University of Science and Technology	Integrated Parameters Detection System for Electrothermal Chemical Gun	China
146	Tian Zhenguo	YANSHAN UNIVERSITY	Analysis of temperature field of composite electromagnetic launching rail	China
147	Tong Zhou	Beijing Institute of Technology	Blast response of continuous-density graded cellular material based on the 3D Voronoi model	China
148	Wang Huyuan	Xi'an Modern Control Technology Research Institute	Research on target interception system technology based on photoelectric imaging	China
149	Wang Jinping	Harbin Jiancheng Group Co., Ltd.	Collapse Effect at Rear Surface of Concrete Targets under Internal Explosion of Shelled Charge	China
150	Wang Jipeng	Nanjing University of Science and Technology	Multi-scale simulation of dynamic behavior of concretes based on eigendeformation-based homogenization method	China
151	Wang Kangjian	Nanjing University of Science and Technology	Experiment and FEM simulation of supercavitation bullet penetrating protective plate.	China
152	Wang Luyao	Beijing Institute of Technology	High density reactive alloy projectile's penetration behavior	China
153	Wang Menglun	China Airborne Missile Academy	A Compact Antenna and Radome Design For Harmonic Radar Fuze	China
154	Wang Ming	No.53 Institute of China Ordnance	Study on Explosion-proof Performance of Copolymer Reticulated Polyurethane	China
155	Wang Ronghui	No.53 Institute of China Ordnance	Numerical Simulation for the Evolutive Process of CFRP Shell Under the Condition of High Overload	China
156	Wang Shiyong	Xi'an Modern Chemistry Research Institute	Present Situation and Trend of Development for Large-Scale Fuel-Air-Explosive Warhead	China
157	Wang Tianshi	Northwest Institute of Mechanical and Electrical	Research on Fault Tolerance Technology of Artillery ICPs	China

No.	Author	Organisation	Manuscript Title	Country
		Engineering		
158	WANG wei	Changsha University of Science	Passive audio detection and recognition of UAVs	China
159	Wang Yajun	Nanjing University of Science and Technology	Effect of the Liner Material Constitutive Parameters on the Shape of Dual Mode Penetrators Based on Johnson-Cook Modal	China
160	Wang Yulong	Huayin Ordnance Test Center	A Calculation Method of the Bombed Position Based on Probability Density	China
161	Wang Yulong	Huayin Ordnance Test Center	Research on the air miss distance and explosive distance of proximity fuse using optical measurement method	China
162	Wang Zhandong	Beijing Institute of Technology	Study on Blockade Efficiency Assessment Method of Large Navy Ship	China
163	Wang Zhenxiong	Research Institute of Chemical Defense, Academy of Military Sciences PLA China	Influence of Measuring-point Position Setting on Blasting Vibration Signals	China
164	Weiss Alon	Plasan Sasa Ltd.	Numerical Study of Armor with Hard Metal Tiles as Shattering Elements	Israe
165	Wu Mengyao	Xidian University	Technology of Temporal-spatial Fusion Guidance Based on Laser Multiple Sub-beams Interference	China
166	Wu Qunbiao	Jiangsu university of science and technology	The Penetration Analysis of Pre-composited Rod Penetrator	China
167	Wu Xingxing	China Shipbuilding Industry No. 702 Research Institute	Experimental and Numerical Investigation on the Deflection Characteristics of Warhead penetrating the Non-uniform Target Structure	China
168	Wu Yanqing	Beijing Institute of Technology	The effect of looseness of arrangement on a layer of HMX particles subjected to drop-weight impact	China
169	Wu Yuwen	Nanjing University of Science and Technology	Experimental investigation on the propagation mode of two-phase rotating detonation wave	China
170	Xia Ge	Northwest Institute of Mechanical and Electrical Engineering	Analysis of Armature Motional Reverse Electromotive Forces in Planar Series Enhanced Railguns	China
171	Xiao Chun	Institute of Chemical Materials, China Academy of Engineering Physics	Reversible Superhydrophobicity-Superhydrophilicity Transition of HMX/ZnO Composites	China
172	Xiao Hongcheng	Nanjing University of Science and Technology	Research on the Dynamic Response of Composite Barrel in Railgun Shot Tests	China
173	Xiao Jijun	Nanjing University of Science and Technology	Molecular dynamics investigation of adhesion properties between CL-20/TNT cocrystal surfaces and amorphous fluoropolymers	China

No.	Author	Organisation	Manuscript Title	Country
174	Xie Yuxi	Nanjing University of Science and Technology	Numerical Simulation of High-speed Projectile Water Entry	China
175	Xing Xiaoling	Xi'an Modern Chemistry Research Institutes	Characterization of the HMX based explosives containing different binders(I)	China
176	Xu Yingtao	Nanjing University of Science and Technology	The Influence of Contact Shape on the Electromagnetic Repulsion Force of Power Connector in ETC launch	China
177	Xu Jian	North University of China	Mechanism Analysis on Guide Rail's Slope Angle Parameterization and Optimization for Fixed Cylinder Cam	China
178	Xu Jingmao	Academy of Military Sciences PLA China	Experimental study on the effect of bolt length and plate type on the anti-explosion impact performance of rock bolts	China
179	Xu Tiejun	Xi 'an Modern Control Technology Research Institute	Influence of Different Current Pulses on Coils of Electromagnetic Launcher	China
180	Xu Zhifeng	Xi'an Modern Chemistry Research Institute	Experimental Study on the Influence of the Ignite Technique of FAE to Distributing of Explosive Power	China
181	Yan Liu	Beijing Institute of Technology	Behavior of reinforced concrete beams and columns subjected to blast loading	China
182	YAN Ping	Naval University of Engineering	Numerial Simulation of Underwater Supercavitating Projectile Penetrating Structure Equivalent of Torpedo	China
183	Yang Shiquan	CAEP	Experimental investigation on projectile penetrating pre-borehole concrete target	China
184	Yang Yuxin	Nanjing University of Science and Technology	Analysis of In-bore High Magnetic Field for Electromagnetic Railgun during Launching Process	China
185	Yang Zhijian	Institute of Chemical Materials, China Academy of Engineering Physics	Performance of high-quality energetic crystals achieved by recrystallization and thermally metastable assembly	China
186	Yao chunchen	Jiangnan Industries Group Co., Ltd	Reason Analysis on Low Strength of Motors in Hydraulic Burst Test	China
187	Ye Qing	Nanjing University of Science and Technology	Numerical Simulation of Cook-off Characteristics for AP/HTPB	China
188	Yin Qiang	Nanjing University of Science and Technology	Analysis of In-Bore Magnetic Field in C-Shaped Armature Railguns	China
189	Yong Yang	Southwest Institute of Technical Physics	Small target detection algorithm based on visual saliency	China
190	You Wang	Southwest Institute of Technical Physics	Theoretical study of a diode-pumped rubidium vapor hollow-core photonic-crystal fiber laser	China
191	Yuan	Institute of Chemical	Reliability Analysis of PBX Circular Arch	China

No.	Author	Organisation	Manuscript Title	Country
	Hongwei	Materials, China Academy of Engineering Physics	Using Monte Carlo Stochastic Finite Element Method	
192	Z.J. Wang	Xi'an Hi-Tech Institute	Strength criterion of composite solid propellants under dynamic loading	China
193	Zeng Feipeng	Army Artillery and Air Defense Force Academy	Numerical Calculation and Simulation of Missile Jet-Airplane Interaction	China
194	Zeng Feipeng	Army Artillery and Air Defense Force Academy	Method of Calculating Initial Firing Data of Artillery Laser Terminal-Guidance Weapon System	China
195	Zeng Feipeng	Army Artillery and Air Defense Force Academy	Method of Measuring and Calculating the Flying Velocity's Diminishing of Fragment of Shell and Warhead of Rocket and Missile	China
196	Zeng Guiyu	Institute of Chemical Materials, China Academy of Engineering Physics	The Shock Wave Sensitivity Selectivity of nanoenergetic Materials	China
197	Zhai Maochun	China Aerospace Science and Industry Corporation Limited	Launch Technology with Magnetic Levitation and Electromagnetic Propulsion for Microsatellite	China
198	Zhang Fan	Xi'an Modern Chemistry Research Institute	Applications of material point method in the impact problem	China
199	Zhang Guanghua	Xi'an Modern Chemistry Research Institute	Comparison and Verification of Detonation Wave of the Shaped Charge Based on Different Equation of State	China
200	Zhang Guangyuan	China Ordnance Society	Study on thermal hazard of 3,4-Bis(3-nitrofurazan-4-yl)furoxan (DNTF) by using accelerating rate calorimeter(ARC)	China
201	Zhang Jinbao	Henan Pingyuan Photoelectric Co., Ltd.	Research on high reflectivity aluminum mirror technology	China
202	Zhang Jintao	Henan Pingyuan Optics & Electronics Co., Ltd, China North Industries Group Corporation	Design of A Universal Multispectral Reticle System for Zero Position Correction of Light Weapon Sights	China
203	Zhang Lin	Northwest institute of mechanical and electrical engineering	Study on Influence of Material Properties of Cartridge on Extracting Resistance	China
204	Zhang Lingke	Nanjing University of Science and Technology	Experimental study on thermal decomposition kinetics of natural ageing AP/HTPB base bleed composite propellant	China
205	Zhang Long	Northwest institute of mechanical and electrical engineering	The Dynamic Spreading Pattern and the Damage Area Reconstruction of Fragment Warheads	China
206	Zhang Tao	Northwest Institute of Mechanical and Electrical	Exploratory Research on a New Type of two-Barreled Electromagnetic Launcher	China

No.	Author	Organisation	Manuscript Title	Country
		Engineering		
207	Zhang Tao	Northwest Institute of Mechanical and Electrical Engineering	An Efficiency-improved Method of Multi-stage Induction Coilgun Based on Magnetic Field Arrangement	China
208	Zhang Tuoxin	Northwest institute of mechanical and electrical engineering	Numerical Simulation on the Gas-Liquid Interaction during the Supercavitation Projectile's Underwater Launching Process	China
209	Zhang Tuoxin	Northwest institute of mechanical and electrical engineering	Analysis on Dynamic Mechanical Properties and Its Effect on Combustion Performance of Propellant with High Energy	China
210	Zhang Tuoxin	Northwest institute of mechanical and electrical engineering	Study on Extinguishment Mechanism of Base Bleed Propellant under Rapid Depressurization	China
211	Zhang Tuoxin	Northwest institute of mechanical and electrical engineering	The Technology Research on Transient Piezoresistive Ultra-high Pressure Sensor	China
212	Zhang Tuoxin	Northwest institute of mechanical and electrical engineering	Study on Heterogeneous Knowledge Management in Collaborative Design of Military Equipment	China
213	Zhang Tuoxin	Northwest institute of mechanical and electrical engineering	A study of reliable triggering technology for shock wave overpressure testing in the actual combat environment	China
214	Zhang Xianfeng	Nanjing University of Science and Technology	Propagation of Shock Waves in Dry and Wet Sandstone: Experimental Observations, Theoretical Analysis and Meso-scale Modeling	China
215	Zhang Xiaoqiang	Nanjing University of Science and Technology	Research on Thermal Radiation in the Electromagnetic rail gun	China
216	Zhang Yulei	Xi'an Modern Chemistry Research Institute	Experimental Study on the Characteristics of Response Temperature of TNT Explosion in Tunnel	China
217	Zhang Zhipeng	Northwest Institute of Mechanical and Electrical Engineering	Application Design of Powerlink Ethernet In Artillery Integrated Electronic System	China
218	Zhang Zhuwei	No.208 Institute of China Ordnance	The Effect of the Initial Propellant Temperature on Drag Reduction Characteristics of Base Bleed Projectile	China
219	Zhao Long	Institute of Chemical Materials, China Academy of Engineering Physics	Study of viscoelastic Poisson's ratio of HMX based PBX	China
220	Zhao Shengxiang	Xi'an Modern Chemistry Research Institute	Study on the Influence of Liquid-solid Fuel Combustion Heat on Explosion Characteristics of Fuel-air Explosive	China
221	Zhao	Nanjing University of	Maintenance Policies with Phased Mission	China

No.	Author	Organisation	Manuscript Title	Country
	Xufeng	Aeronautics and Astronautics	Time Intervals	
222	zhchBIT zheng	Beijing Institute of Technology	Investigations on Ballistic Impact Property of Ti-6Al-4V based armor configurations against 12.7 mm Armor Piercing Projectiles	China
223	Zhen Li	Beijing Institute of Technology	Experimental investigation of double-T concrete beams under contact explosion and close-in explosion conditions	China
224	Zhen Wenqiang	Institute of systems engineering, China Academy of Engineering Physics	the coupling analysis of the UUV floating movement and the charging process of inflatable airbag	China
225	Zheng Jianqiang	Xi 'an Modern Control Technology Research Institute	Direct Aerodynamic Force Sliding Mode Variable Structure Compound Control for Terminal Interceptor Missile	China
226	Zheng Xiongwei	Xi'an Modern Chemistry Research Institute	Simulation and Experimental Study on Threshold of EFP Impacting Initiation to Covered Composition H6	China
227	Zheng Yucheng	Nanjing University of Science and Technology	Identification of High-Spinning Projectile Drag Coefficient Using Unscented Kalman Filter	China
228	Zhenjun HONG	Inner Mongolia First Machinery Group Corporation	Modification and Optimization of the Design Model of Two-component Composite Armor Against Ballistic Impact	China
229	Zhou Hongkai	North Material Science and Engineering Technology Group Corporation	Dynamic mechanical behavior and microstructure response characteristics of impact-resistant steel with high strength, high toughness and low density	China
230	Zhou Tao	Xi'an Modern Chemistry Research Institute	Research on detonation driving performance of coaxial dual charge with metal interlayer	China
231	Zhou Wei	Institute of Electronic Engineering, China Academy of Engineering Physics	Design of a unique automatic fuze tester base on ARM chip	China
232	Zhu Enyi	Shaanxi Institute of Applied Physical Chemistry	Nanocrystallization and In-situ Preparation of Copper Azide	China
233	Zhu Wenfang	Northwest Institute of Mechanical and Electrical Engineering	Study on the Analysis Method on Ballistic Performance of Deterred Propellant with Large Web Size in Large Caliber Artillery	China
234	Zochowski Pawel	Military Institute of Armament Technology	Interaction of the Kinetic Energy Penetrators with Steel and Composite Armours	Poland
235	Zou Bo	Chongqing Tiema Industrial Group Co., Ltd.	Study on Accurate Strength Analysis of Skateboard in Amphibious Armored Vehicle Based on FSI Method	China

