

Jungwon Yoon

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152
papers

1,620
citations

21
h-index

33
g-index

176
ext. papers

2,039
ext. citations

3.1
avg. IF

5.25
L-index

#	Paper	IF	Citations
152	A 6-DOF Gait Rehabilitation Robot With Upper and Lower Limb Connections That Allows Walking Velocity Updates on Various Terrains. <i>IEEE/ASME Transactions on Mechatronics</i> , 2010 , 15, 201-215	5.5	103
151	Reconfigurable ankle rehabilitation robot for various exercises. <i>Journal of Field Robotics</i> , 2006 , 22, S15-S33		76
150	Osmotin-loaded magnetic nanoparticles with electromagnetic guidance for the treatment of Alzheimer's disease. <i>Nanoscale</i> , 2017 , 9, 10619-10632	7.7	64
149	Development of 6-axis force/moment sensor for a humanoid robot's intelligent foot. <i>Sensors and Actuators A: Physical</i> , 2008 , 141, 276-281	3.9	59
148	Assembly simulations in virtual environments with optimized haptic path and sequence. <i>Robotics and Computer-Integrated Manufacturing</i> , 2011 , 27, 306-317	9.2	50
147	Design, fabrication, and evaluation of a new haptic device using a parallel mechanism. <i>IEEE/ASME Transactions on Mechatronics</i> , 2001 , 6, 221-233	5.5	49
146	A Portable Gait Asymmetry Rehabilitation System for Individuals with Stroke Using a Vibrotactile Feedback. <i>BioMed Research International</i> , 2015 , 2015, 375638	3	48
145	Power capture optimization of variable-speed wind turbines using an output feedback controller. <i>Renewable Energy</i> , 2016 , 86, 517-525	8.1	45
144	Studies of aggregated nanoparticles steering during magnetic-guided drug delivery in the blood vessels. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 427, 181-187	2.8	45
143	Synthesis of Magnetic Ferrite Nanoparticles with High Hyperthermia Performance via a Controlled Co-Precipitation Method. <i>Nanomaterials</i> , 2019 , 9,	5.4	43
142	A novel walking speed estimation scheme and its application to treadmill control for gait rehabilitation. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2012 , 9, 62	5.3	42
141	A novel scheme for nanoparticle steering in blood vessels using a functionalized magnetic field. <i>IEEE Transactions on Biomedical Engineering</i> , 2015 , 62, 303-13	5	36
140	A Novel Electromagnetic Actuation System for Magnetic Nanoparticle Guidance in Blood Vessels. <i>IEEE Transactions on Magnetics</i> , 2014 , 50, 1-12	2	36
139	Guidance of Magnetic Nanocontainers for Treating Alzheimer's Disease Using an Electromagnetic, Targeted Drug-Delivery Actuator. <i>Journal of Biomedical Nanotechnology</i> , 2016 , 12, 569-74	4	34
138	Optimum kinematic design of a planar cable-driven parallel robot with wrench-closure gait trajectory. <i>Mechanism and Machine Theory</i> , 2016 , 99, 1-18	4	31
137	Development of a real time imaging-based guidance system of magnetic nanoparticles for targeted drug delivery. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 427, 345-351	2.8	31
136	A Novel Locomotion Interface with Two 6-DOF Parallel Manipulators That Allows Human Walking on Various Virtual Terrains. <i>International Journal of Robotics Research</i> , 2006 , 25, 689-708	5.7	31

135	Effects of kinesthetic haptic feedback on standing stability of young healthy subjects and stroke patients. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2015 , 12, 27	5.3	29
134	Real-Time Two-Dimensional Magnetic Particle Imaging for Electromagnetic Navigation in Targeted Drug Delivery. <i>Sensors</i> , 2017 , 17,	3.8	25
133	Gait pattern generation with knee stretch motion for biped robot using toe and heel joints 2008 ,		22
132	Robust image-based control of the quadrotor unmanned aerial vehicle. <i>Nonlinear Dynamics</i> , 2016 , 85, 2035-2048	5	21
131	A Novel Magnetic Actuation Scheme to Disaggregate Nanoparticles and Enhance Passage across the Blood-Brain Barrier. <i>Nanomaterials</i> , 2017 , 8,	5.4	21
130	Adaptive neural controller for space robot system with an attitude controlled base. <i>Neural Computing and Applications</i> , 2013 , 23, 2333-2340	4.8	20
129	Development of an intuitive user interface for a hydraulic backhoe. <i>Automation in Construction</i> , 2010 , 19, 779-790	9.6	20
128	A Novel Design of an MPI-Based Guidance System for Simultaneous Actuation and Monitoring of Magnetic Nanoparticles. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-5	2	17
127	A Soft Magnetic Core can Enhance Navigation Performance of Magnetic Nanoparticles in Targeted Drug Delivery. <i>IEEE/ASME Transactions on Mechatronics</i> , 2018 , 23, 1573-1584	5.5	17
126	The simplest passive dynamic walking model with toed feet: a parametric study. <i>Robotica</i> , 2009 , 27, 701-711	2.1	17
125	Engineering Core-Shell Structures of Magnetic Ferrite Nanoparticles for High Hyperthermia Performance. <i>Nanomaterials</i> , 2020 , 10,	5.4	17
124	Robust trajectory tracking control of cable-driven parallel robots. <i>Nonlinear Dynamics</i> , 2017 , 89, 2769-2784	3.4	16
123	Adaptive vision-based control of an unmanned aerial vehicle without linear velocity measurements. <i>ISA Transactions</i> , 2016 , 65, 296-306	5.5	16
122	A novel balance training system using multimodal biofeedback. <i>BioMedical Engineering OnLine</i> , 2016 , 15, 42	4.1	14
121	A novel optimal assembly algorithm for haptic interface applications of a virtual maintenance system. <i>Journal of Mechanical Science and Technology</i> , 2009 , 23, 183-194	1.6	14
120	Haptic assisted aircraft optimal assembly path planning scheme based on swarming and artificial potential field approach. <i>Advances in Engineering Software</i> , 2014 , 69, 18-25	3.6	13
119	Bounded-Input Control of the Quadrotor Unmanned Aerial Vehicle: A Vision-Based Approach. <i>Asian Journal of Control</i> , 2017 , 19, 840-855	1.7	13
118	Core/shell PA6 @ Fe3O4 nanofibers: Magnetic and shielding behavior. <i>Journal of Dispersion Science and Technology</i> , 2020 , 41, 1711-1719	1.5	13

117	Identifying the effects of using integrated haptic feedback for gait rehabilitation of stroke patients. <i>IEEE International Conference on Rehabilitation Robotics</i> , 2017 , 2017, 1055-1060	1.3	12
116	Theoretical Analysis for Wireless Magneto-thermal Deep Brain Stimulation Using Commercial Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	12
115	Evaluating the effects of delivering integrated kinesthetic and tactile cues to individuals with unilateral hemiparetic stroke during overground walking. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2018 , 15, 33	5.3	11
114	2013 ,		11
113	Haptic-Based Manipulation Scheme of Magnetic Nanoparticles in a Multi-Branch Blood Vessel for Targeted Drug Delivery. <i>Micromachines</i> , 2018 , 9,	3.3	11
112	Adaptive control of variable-speed wind turbines for power capture optimisation. <i>Transactions of the Institute of Measurement and Control</i> , 2017 , 39, 1663-1672	1.8	10
111	Development of a six-axis force/moment sensor for a spherical-type finger force measuring system. <i>IET Science, Measurement and Technology</i> , 2012 , 6, 96-104	1.5	10
110	Design and Simulation of a 3D Actuation System for Magnetic Nano-Particles Delivery System. <i>Lecture Notes in Computer Science</i> , 2013 , 177-187	0.9	10
109	Stable assist-as-needed controller design for a planar cable-driven robotic system. <i>International Journal of Control, Automation and Systems</i> , 2017 , 15, 2871-2882	2.9	9
108	Biomechanical Evaluation of Virtual Reality-based Turning on a Self-Paced Linear Treadmill. <i>Gait and Posture</i> , 2018 , 65, 157-162	2.6	9
107	Evaluating the Effects of Kinesthetic Biofeedback Delivered Using Reaction Wheels on Standing Balance. <i>Journal of Healthcare Engineering</i> , 2018 , 2018, 7892020	3.7	9
106	Impedance control of a small treadmill with sonar sensors for automatic speed adaptation. <i>International Journal of Control, Automation and Systems</i> , 2014 , 12, 1323-1335	2.9	9
105	An adaptive foot device for increased gait and postural stability in lower limb Orthoses and exoskeletons. <i>International Journal of Control, Automation and Systems</i> , 2011 , 9, 515-524	2.9	9
104	A Novel Reconfigurable Ankle/Foot Rehabilitation Robot		9
103	Swarm of magnetic nanoparticles steering in multi-bifurcation vessels under fluid flow. <i>Journal of Micro-Bio Robotics</i> , 2020 , 16, 137-145	1.4	9
102	Effects of Vibrotactile Biofeedback Coding Schemes on Gait Symmetry Training of Individuals With Stroke. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019 , 27, 1617-1625	4.8	8
101	Hybrid toe and heel joints for biped/humanoid robots for natural gait 2007 ,		8
100	Simulation studies of a novel electromagnetic actuation scheme for focusing magnetic micro/nano-carriers into a deep target region. <i>AIP Advances</i> , 2017 , 7, 056724	1.5	7

99	. <i>IEEE Access</i> , 2020 , 8, 106714-106725	3.5	7
98	Design of a haptic cane for walking stability and rehabilitation 2013 ,		7
97	Development of an augmented feedback system for training of gait improvement using vibrotactile cues 2017 ,		7
96	A Planar Symmetric Walking Cancellation Algorithm for a FootPlatform Locomotion Interface. <i>International Journal of Robotics Research</i> , 2010 , 29, 39-59	5.7	7
95	Virtual maintenance system with a two-staged ant colony optimization algorithm 2011 ,		7
94	Optimal assembly path planning algorithm for aircraft part maintenance 2007 ,		7
93	Analysis of Active Haptic Feedback Effects on Standing Stability. <i>Lecture Notes in Computer Science</i> , 2013 , 154-164	0.9	7
92	Functionalized Magnetic Force Enhances Magnetic Nanoparticle Guidance: From Simulation to Crossing of the BloodBrain Barrier In Vivo. <i>IEEE Transactions on Magnetics</i> , 2016 , 52, 1-4	2	6
91	Control of cable-driven parallel robot for gait rehabilitation 2015 ,		6
90	Open architecture dynamic manipulator design philosophy (DMD). <i>Robotics and Computer-Integrated Manufacturing</i> , 2010 , 26, 156-161	9.2	6
89	A new family of hybrid 4-DOF parallel mechanisms with two platforms and its application to a footpad device. <i>Journal of Field Robotics</i> , 2005 , 22, 287-298		6
88	A Balance Training System using a Haptic Device and Its Evaluations. <i>Journal of Institute of Control, Robotics and Systems</i> , 2014 , 20, 971-976	1	6
87	Band-Stop Filter Analysis and Design for 1D Magnetic Particle Imaging Hybrid System. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 8492-8495	1.3	6
86	Haptic based gait rehabilitation system for stroke patients 2016 ,		6
85	Vision-based control of an underactuated flying robot with input delay. <i>Transactions of the Institute of Measurement and Control</i> , 2018 , 40, 446-455	1.8	5
84	A modified functionalized magnetic Field for nanoparticle guidance in magnetic drug targeting 2016 ,		5
83	Modeling and simulation of critical force and time in 3D manipulations using rectangular, V-shaped and dagger-shaped cantilevers. <i>European Journal of Mechanics, A/Solids</i> , 2016 , 59, 333-343	3.7	5
82	Development of a Novel Gait Rehabilitation Device with Hip Interaction and a Single DOF Mechanism 2019 ,		5

81	Development of cylindrical-type finger force measuring system using force sensors and its characteristics evaluation. <i>Mechanical Systems and Signal Processing</i> , 2012 , 27, 513-522	7.8	5
80	A novel robotic knee device with stance control and its kinematic weight optimization for rehabilitation. <i>Robotica</i> , 2014 , 32, 1245-1263	2.1	5
79	An enhanced haptic assembly simulation system for the efficiency of assembly tasks 2009 ,		5
78	A novel optimal assembly algorithm for the haptic interface application of a virtual maintenance system 2008 ,		5
77	Intelligent Assembly/Disassembly System with a Haptic Device for Aircraft Parts Maintenance. <i>Lecture Notes in Computer Science</i> , 2007 , 760-767	0.9	5
76	A Magnetic Particle Imaging-Based Navigation Platform for Magnetic Nanoparticles Using Interactive Manipulation of a Virtual Field Free Point to Ensure Targeted Drug Delivery. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 1-1	8.9	5
75	A novel method for optimal path synthesis of mechanisms based on tracking control of shadow robot. <i>Mechanism and Machine Theory</i> , 2019 , 131, 218-233	4	5
74	An Intelligent Control Scheme to Facilitate Abrupt Stopping on Self-Adjustable Treadmills 2018 ,		5
73	Functionalized electromagnetic actuation method for aggregated nanoparticles steering. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2017 , 2017, 885-888	0.9	4
72	An optimized field function scheme for nanoparticle guidance in magnetic drug targeting systems 2015 ,		4
71	An electromagnetic navigation system with real-time 2D magnetic particle imaging for targeted drug delivery 2017 ,		4
70	Speed adaptation control of a small-sized treadmill with state feedback controller 2010 ,		4
69	A novel dynamic walker with heel, ankle, and toe rocker motions. <i>Robotica</i> , 2011 , 29, 883-893	2.1	4
68	Interaction control of a programmable footpad-type gait rehabilitation robot for active walking on various terrains 2009 ,		4
67	VISION-BASED TRACKING CONTROL OF QUADROTOR USING VELOCITY OF IMAGE FEATURES. <i>International Journal of Robotics and Automation</i> , 2016 , 31,	1.3	4
66	The Heating Efficiency and Imaging Performance of Magnesium Iron Oxide@tetramethyl Ammonium Hydroxide Nanoparticles for Biomedical Applications. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
65	Theoretical Analysis for Using Pulsed Heating Power in Magnetic Hyperthermia Therapy of Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
64	Development of a multimodal biofeedback system for balance training 2015 ,		3

63	Development of a Robotic Companion to Provide Haptic Force Interaction for Overground Gait Rehabilitation. <i>IEEE Access</i> , 2020 , 8, 34888-34899	3.5	3
62	Electromagnetic Actuation Scheme for Swarm of Magnetic Nanoparticles Steering in Multi-bifurcation 2019 ,		3
61	A hybrid approach for vessel enhancement and fast level set segmentation based 3d blood vessel extraction using MR brain image 2013 ,		3
60	Statistical investigation of efficiency of the nanomagnetic particle steering in blood vessels 2013 ,		3
59	Robotic virtual manipulations of a nuclear hot-cell digital mock-up system. <i>Assembly Automation</i> , 2011 , 31, 17-28	2.1	3
58	Development of 6-axis force/moment sensor for measuring the fingers muscular strength of human 2010 ,		3
57	Haptic guided optimized aircraft maintenance assembly disassembly path planning scheme 2010 ,		3
56	Development of a 3-DOF Planar Parallel Robot (RRR Type) for Omni-directional Locomotion Interface. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2004 , 37, 67-72		3
55	Highly Optimized Iron Oxide Embedded Poly(Lactic Acid) Nanocomposites for Effective Magnetic Hyperthermia and Biosecurity.. <i>International Journal of Nanomedicine</i> , 2022 , 17, 31-44	7.3	3
54	A Novel Kinematic Design of a Knee Orthosis to Allow Independent Actuations During Swing and Stance Phases. <i>Journal of Institute of Control, Robotics and Systems</i> , 2011 , 17, 814-823	1	3
53	Catalytic Activity of Hybrid Iron Oxide Silver Nanoparticles in Methyl Methacrylate Polymerization. <i>Catalysts</i> , 2020 , 10, 422	4	3
52	. <i>IEEE/ASME Transactions on Mechatronics</i> , 2021 , 26, 551-562	5.5	3
51	Development of Rat-Scale Magnetic Particle Spectroscopy for Functional Magnetic Particle Imaging. <i>IEEE Magnetics Letters</i> , 2020 , 11, 1-5	1.6	2
50	2016 ,		2
49	In Silico Magnetic Nanocontainers Navigation in Blood Vessels: A Feedback Control Approach. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 6368-73	1.3	2
48	A cost effective design and analysis of an active prosthetic knee for transfemoral amputees 2014 ,		2
47	Haptic guided virtual reality simulation for targeted drug delivery using nano-containers manipulation. <i>Journal of Biomedical Nanotechnology</i> , 2013 , 9, 1190-4	4	2
46	Haptic based optimized path planning approach to virtual maintenance assembly / disassembly (MAD) 2010 ,		2

45	A VR navigation of a 6-DOF gait rehabilitation robot with upper and lower limbs connections 2008 ,		2
44	Design and analysis of a novel virtual walking machine		2
43	Walking control of a dual-planar parallel robot for omni-directional locomotion interface 2005 ,		2
42	Development of a Novel 2-Dimensional Neck Haptic Device for Gait Balance Training. <i>IEEE Robotics and Automation Letters</i> , 2022 , 7, 2511-2518	4.2	2
41	Study on the Design and Analysis of a 4-DOF Robot for Trunk Rehabilitation. <i>Journal of the Korean Society of Manufacturing Process Engineers</i> , 2020 , 19, 41-51	0.1	2
40	Multimodal Gumdo Game: The Whole Body Interaction with an Intelligent Cyber Fencer. <i>Lecture Notes in Computer Science</i> , 2002 , 1088-1095	0.9	2
39	A Wearable Reaction Wheel based Kinesthetic Biofeedback Device for Delivery of Balance Cues 2019 ,		2
38	Comparative Study on Overground Gait of Stroke Survivors With a Conventional Cane and a Haptic Cane. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021 , 29, 2183-2192	4.8	2
37	Design of a Novel Gait Rehabilitation Robot with Upper and Lower Limbs Connections. <i>Journal of Institute of Control, Robotics and Systems</i> , 2008 , 14, 672-678	1	2
36	A Bio-Robotic Toe & Foot & Heel Models of a Biped Robot for More Natural Walking: Foot Mechanism & Gait Pattern		2
35	Electromagnetic Actuation System for Focused Capturing of Magnetic Particles With a Half of Static Saddle Potential Energy Configuration. <i>IEEE Transactions on Biomedical Engineering</i> , 2021 , 68, 869-880	5	2
34	Development of a magnetic nanoparticles guidance system for interleaved actuation and MPI-based monitoring 2016 ,		2
33	Mech-Walker:A Novel Single-DOF Linkage Device With Movable Frame for Gait Rehabilitation. <i>IEEE/ASME Transactions on Mechatronics</i> , 2021 , 26, 13-23	5.5	2
32	Use of Vibrotactile Bracelets to Study Effects of Arm Swing Variation on Overground Gait. <i>IEEE Access</i> , 2021 , 9, 90896-90907	3.5	2
31	Vision-based control of a flying robot without linear velocity measurements 2015 ,		1
30	Optimized targeting of magnetic nano particles for drug delivery system 2013 ,		1
29	2017 ,		1
28	Sensitivity Analysis in 3D Manipulation of Biological Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 5205-5208	1.3	1

27	2013,			1
26	2013,			1
25	Investigation of dimensional parameters influencing a nanorobotic drug delivery actuation system performance 2013,			1
24	Development of intelligent foot with six-axis force/moment sensors for humanoid robot 2009,			1
23	A Novel 4-DOF Robotic Foot Mechanism with Multi-platforms for Humanoid Robot (SICE-ICCAS 2006) 2006,			1
22	A Smooth Planar Walking Algorithm for Virtual Walking Machine (K-Walker) 2006,			1
21	Development of six-axis force/moment sensor for an intelligent foot of humanoid robot 2007,			1
20	A Novel Planar Walking Algorithm for Virtual Walking Machine. <i>Lecture Notes in Computer Science</i> , 2006, 1175-1185	0.9		1
19	Development of a Wearable Haptic Feedback System for Limb Movement Symmetry Training. <i>Biosystems and Biorobotics</i> , 2019, 455-459	0.2		1
18	Development of an Assistant Robot for use in Hot Forging Work Sites and Its Performance Evaluations using Electromyographic Signals. <i>Journal of Institute of Control, Robotics and Systems</i> , 2015, 21, 427-433	1		1
17	A Maneuver Interface Scheme of a Hydraulic Backhoe Manipulator. <i>Journal of Institute of Control, Robotics and Systems</i> , 2010, 16, 346-352	1		1
16	An Automatic Speed Control System of a Treadmill with Ultrasonic Sensors. <i>Journal of Institute of Control, Robotics and Systems</i> , 2011, 17, 505-511	1		1
15	A Novel Trunk Rehabilitation Robot Based Evaluation of Seated Balance Under Varying Seat Surface and Visual Conditions. <i>IEEE Access</i> , 2020, 8, 204902-204913	3.5		1
14	Development of a Novel Omnidirectional Treadmill-Based Locomotion Interface Device with Running Capability. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4223	2.6		1
13	An Analytical Approach for Fast Recovery of the LSI Properties in Magnetic Particle Imaging. <i>International Journal of Biomedical Imaging</i> , 2016, 2016, 6120713	5.2		1
12	An Optimal Design of an Electromagnetic Actuator for Targeting Magnetic Micro-/Nano-Carriers in a Desired Region. <i>IEEE Transactions on Magnetics</i> , 2018, 54, 1-5	2		1
11	Control of the Rutgers Ankle Rehabilitation Interface 2002, 787			0
10	Offline Programming Guidance for Swarm Steering of Micro/Nano Magnetic Particles in a Dynamic Multichannel Vascular Model. <i>IEEE Robotics and Automation Letters</i> , 2022, 1-1	4.2		0

9	A Novel Gait Assistance System Based on an Active Knee Orthosis and a Haptic Cane for Overground Walking. <i>Biosystems and Biorobotics</i> , 2019 , 439-443	0.2	o
8	Two-stage mechanism path synthesis using optimized control of a shadow robot: Case study of the eight-bar Jansen mechanism. <i>Mechanism and Machine Theory</i> , 2022 , 168, 104569	4	o
7	A Novel Navigation Algorithm for Locomotion Interfaces with Programmable Platforms. <i>Lecture Notes in Computer Science</i> , 2006 , 610-617	0.9	
6	Development of an Active Gait Assistive Device with Haptic Information. <i>Journal of Institute of Control, Robotics and Systems</i> , 2015 , 21, 553-559	1	
5	Optimal Design of a Novel Knee Orthosis using a Genetic Algorithm. <i>Journal of Institute of Control, Robotics and Systems</i> , 2011 , 17, 1021-1028	1	
4	Hybrid Potential Field Swarm Optimization Based Novel Targeted Drug Delivery System Using Drug Loaded Nano Carriers. <i>Lecture Notes in Computer Science</i> , 2012 , 333-343	0.9	
3	Speed Adaptation of a Small Size Treadmill Using Impedance Control Approach for Rehabilitation. <i>Lecture Notes in Computer Science</i> , 2013 , 165-176	0.9	
2	Optimal Kinematic Design of a Novel Robotic Knee Device for Gait Rehabilitation with Stance Control. <i>Lecture Notes in Computer Science</i> , 2013 , 188-203	0.9	
1	Analysis of the Linearity and Shift Invariance Characteristics of the X-Space Magnetic Particle Imaging. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 8683-8686	1.3	