

# Jihoon Park

## List of Publications by Year in descending order

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26  
papers

617  
citations

623734

14  
h-index

610901

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

851  
citing authors

#	ARTICLE	IF	CITATIONS
1	Definition of Magnetic Exchange Length. IEEE Transactions on Magnetics, 2013, 49, 4937-4939.	2.1	162
2	Electronic Structure and Maximum Energy Product of MnBi. Metals, 2014, 4, 455-464.	2.3	59
3	Soft M-type hexaferrite for very high frequency miniature antenna applications. Journal of Applied Physics, 2012, 111, .	2.5	46
4	Magnetic self-assembly for the synthesis of magnetically exchange coupled MnBi/Fe <sup>2+</sup> Co composites. Journal of Solid State Chemistry, 2015, 231, 108-113.	2.9	38
5	Low loss Co <sub>2</sub> Z (Ba <sub>3</sub> Co <sub>2</sub> Fe <sub>24</sub> O <sub>41</sub> ) <sup>2+</sup> glass composite for gigahertz antenna application. Journal of Applied Physics, 2011, 109, .	2.5	35
6	Miniature Hexaferrite Axial-Mode Helical Antenna for Unmanned Aerial Vehicle Applications. IEEE Transactions on Magnetics, 2013, 49, 4265-4268.	2.1	29
7	Coercivity of SrFe <sub>12</sub> O <sub>19</sub> Hexaferrite Platelets Near Single Domain Size. IEEE Magnetics Letters, 2015, 6, 1-3.	1.1	27
8	Magnetically self-assembled SrFe <sub>12</sub> O <sub>19</sub> /Fe <sup>2+</sup> Co core/shell particles. Materials Chemistry and Physics, 2015, 152, 9-12.	4.0	27
9	Synthesis and characterization of hollow mesoporous BaFe <sub>12</sub> O <sub>19</sub> spheres. Journal of Solid State Chemistry, 2015, 222, 84-89.	2.9	27
10	Magnetic properties of MnBi based alloys: First-principles calculations for MnBi-Co and MnBi-Co-Fe cases. AIP Advances, 2013, 3, .	1.3	23
11	Ethylene glycol assisted spray pyrolysis for the synthesis of hollow BaFe <sub>12</sub> O <sub>19</sub> spheres. Materials Letters, 2015, 144, 119-122.	2.6	23
12	Exchange coupled SrFe <sub>12</sub> O <sub>19</sub> /Fe-Co core/shell particles with different shell thickness. Electronic Materials Letters, 2015, 11, 1021-1027.	2.2	19
13	Control of magnetic loss tangent of hexaferrite for advanced radio frequency antenna applications. Journal of Applied Physics, 2013, 113, .	2.5	18
14	Integrated Ferrite Film Inductor for Power System-on-Chip (PowerSoC) Smart Phone Applications. IEEE Transactions on Magnetics, 2011, 47, 304-307.	2.1	15
15	Ex situ synthesis of magnetically exchange coupled SrFe <sub>12</sub> O <sub>19</sub> /Fe-Co composites. AIP Advances, 2016, 6, 056026.	1.3	15
16	Broadband bluetooth antenna based on Co <sub>2</sub> Z hexaferrite <sup>2+</sup> glass composite. Microwave and Optical Technology Letters, 2011, 53, 1222-1225.	1.4	12
17	Micromagnetic Computer Simulated Scaling Effect of S-Shaped Permalloy Nano-Element on Operating Fields for and or or Logic. IEEE Transactions on Magnetics, 2012, 48, 1851-1855.	2.1	9
18	A Simple Analytical Model for Magnetization and Coercivity of Hard/Soft Nanocomposite Magnets. Scientific Reports, 2017, 7, 4960.	3.3	9

#	ARTICLE	IF	CITATIONS
19	Electronic Structure of La <sup>2+</sup> Co Substituted Strontium Hexaferrite (Sr <sub>1-x</sub> Tl <sub>x</sub> ) <sub>2</sub> Fe <sub>16</sub> O <sub>23</sub> . <i>Magnetics Letters</i> , 2016, 7, 1-3.	1.1	7
20	Electronic structures of MnB soft magnet. <i>AIP Advances</i> , 2016, 6, .	1.3	6
21	Implantable ferrite antenna for biomedical applications. <i>Microwave and Optical Technology Letters</i> , 2016, 58, 2745-2749.	1.4	5
22	High ferromagnetic resonance and thermal stability spinel Ni <sub>0.7</sub> Mn <sub>0.3</sub> <sup>x</sup> CoxFe <sub>2</sub> O <sub>4</sub> ferrite for ultra high frequency devices. <i>Journal of Applied Physics</i> , 2012, 111, .	2.5	3
23	Thermomagnetic stability of M-type strontium ferrite (SrFe <sub>12</sub> O <sub>19</sub> ) particles with different shapes. <i>Electronic Materials Letters</i> , 2016, 12, 100-106.	2.2	2
24	Electronic Structure and Magnetic Properties of Mn-Substituted Fe <sup>2+</sup> Pt. <i>IEEE Transactions on Magnetics</i> , 2016, 52, 1-4.	2.1	1
25	Electrically small ferrite antenna gain with dc magnetic field for mobile device application. <i>Microwave and Optical Technology Letters</i> , 2014, 56, 1531-1534.	1.4	0
26	Electronic structures of nanocrystalline Fe <sub>90-x</sub> Cu <sub>x</sub> Si <sub>10-y</sub> B <sub>y</sub> soft magnets. <i>AIP Advances</i> , 2016, 6, .	1.3	0