Young Ran Park

List of Publications by Year
in descending order

60 papers	1,935 citations	331670 21 h-index	243625 44 g-index
60 all docs	60 docs citations	60 times ranked	2902 citing authors

#	Article	IF	Citations
1	Luminance efficiency roll-off mechanism in CsPbBr_{3â^'x}Cl_x mixed-halide perovskite quantum dot blue light-emitting diodes. Journal of Materials Chemistry C, 2021, 9, 3608-3619.	5.5	32
2	Self-defect-passivation by Br-enrichment in FA-doped Cs1â^'xFAxPbBr3 quantum dots: towards high-performance quantum dot light-emitting diodes. Scientific Reports, 2020, 10, 14758.	3.3	9
3	Resistive switching functional quantum-dot light-emitting diodes. Current Applied Physics, 2019, 19, 102-107.	2.4	4
4	Hole barrier height reduction in inverted quantum-dot light-emitting diodes with vanadium(V) oxide/poly(N-vinylcarbazole) hole transport layer. Applied Physics Letters, 2018, 113, 043301.	3.3	7
5	Quantum-Dot Light-Emitting Diodes with Nitrogen-Doped Carbon Nanodot Hole Transport and Electronic Energy Transfer Layer. Scientific Reports, 2017, 7, 46422.	3.3	43
6	Nanoparticle intercalation-induced interlayer-gap-opened grapheneâ€“polyaniline nanocomposite for enhanced supercapacitive performances. Applied Surface Science, 2017, 412, 160-169.	6.1	14
7	Graphene Oxide Inserted Poly(Nâ€Vinylcarbazole)/Vanadium Oxide Hole Transport Heterojunctions for Highâ€Efficiency Quantumâ€Dot Lightâ€Emitting Diodes. Advanced Materials Interfaces, 2017, 4, 1700476.	3.7	11
8	Tailoring the highest occupied molecular orbital level of poly(N-vinylcarbazole) hole transport layers in organic multilayer heterojunctions. Applied Physics Letters, 2016, 108, 023301.	3.3	8
9	Thickness-dependent electron mobility of single and few-layer MoS2 thin-film transistors. AIP Advances, 2016, 6, .	1.3	54
10	Solution-processed quantum dot light-emitting diodes with PANI:PSS hole-transport interlayers. Organic Electronics, 2015, 19, 131-139.	2.6	43
11	Photoluminescence enhancement from hybrid structures of metallic single-walled carbon nanotube/ZnO films. Current Applied Physics, 2013, 13, 2026-2032.	2.4	12
12	Surface electronic structure of nitrogen-doped semiconducting single-walled carbon nanotube networks. Journal of Applied Physics, 2013, 114, .	2.5	7
13	Ferromagnetic properties of single walled carbon nanotubes doped with manganese oxide using an electrochemical method. Applied Physics Letters, 2012, 100, 192409.	3.3	11
14	Investigation of ultraviolet optical properties of semiconducting-enriched and metal-enriched single-walled carbon nanotube networks using spectroscopic ellipsometry. Nanoscale, 2012, 4, 6532.	5.6	9
15	Investigations of the polymer alignment, the nonradiative resonant energy transfer, and the photovoltaic response of poly(3-hexylthiophene)/TiO2 hybrid solar cells. Journal of Applied Physics, 2010, 108, 044508.	2.5	22
16	Control of liquid crystal pretilt angle by anchoring competition of the stacked alignment layers. Applied Physics Letters, 2009, 94, .	3.3	43
17	Effect of hydrogen doping in ZnO thin films by pulsed DC magnetron sputtering. Applied Surface Science, 2009, 255, 9010-9014.	6.1	52
18	Physical properties of transparent conducting indium doped zinc oxide thin films deposited by pulsed DC magnetron sputtering. Journal of Electroceramics, 2009, 23, 536-541.	2.0	14

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19	Growth and characteristics of hydrogenated In-doped ZnO thin films by pulsed DC magnetron sputtering. Applied Surface Science, 2009, 256, 1589-1594.	6.1	21
20	The origin of oxygen vacancy induced ferromagnetism in undoped TiO₂. Journal of Physics Condensed Matter, 2009, 21, 195405.	1.8	109
21	Growth of transparent conducting nano-structured In doped ZnO thin films by pulsed DC magnetron sputtering. Applied Surface Science, 2008, 254, 2250-2254.	6.1	32
22	Organic light-emitting diodes with hydrogenated In-doped ZnO thin films as transparent conductive electrodes. Journal of Materials Research, 2008, 23, 1674-1681.	2.6	9
23	Organic Light-Emitting Devices with In-Doped (4 at. %) ZnO Thin Films as the Anodic Electrode. Japanese Journal of Applied Physics, 2008, 47, 468-471.	1.5	21
24	Organic Solar Cells with Hydrogenated In-Doped ZnO Replacing Sn-Doped In₂O₃ as Transparent Electrode. Japanese Journal of Applied Physics, 2008, 47, 516.	1.5	20
25	Magnetic and electronic properties of vanadium-substituted magnetite VxFe3â˜'xO4 thin films. Journal of Magnetism and Magnetic Materials, 2007, 310, e876-e877.	2.3	7
26	Ferromagnetism in ⁵⁷Feâ€doped cupric oxide. Physica Status Solidi (B): Basic Research, 2007, 244, 4578-4581.	1.5	15
27	Room-temperature ferromagnetic properties in Mn-doped rutile thin films. Journal of Magnetism and Magnetic Materials, 2007, 316, e215-e218.	2.3	26
28	Crystallographic and magnetic properties of solâ€"gel synthesized TxCo1â˜'xFe2O4 (T=Mn and Cr) thin films. Journal of Magnetism and Magnetic Materials, 2007, 310, e618-e619.	2.3	1
29	MÃ¶ssbauer and optical investigation of Co3â˜'x Fe x O4 thin films grown by solâ€"gel process. Hyperfine Interactions, 2007, 169, 1363-1369.	0.5	14
30	Ferromagnetic Properties of Ni-Doped Rutile TiO2-delta. Journal of the Korean Physical Society, 2007, 50, 638.	0.7	17
31	Hydrogenated In-doped ZnO Thin Films for the New Anode Material of Organic Light Emitting Devices: Synthesis and Application Test. Bulletin of the Korean Chemical Society, 2007, 28, 2396-2400.	1.9	8
32	Transparent Anodic Properties of In-doped ZnO thin Films for Organic Light Emitting Devices. Journal of the Korean Ceramic Society, 2007, 44, 303-307.	2.3	0
33	Ferromagnetic properties of anatase Ti1â˜'xFexO2â˜'Î´ thin films grown by solâ€"gel method. Journal of Magnetism and Magnetic Materials, 2006, 304, e152-e154.	2.3	5
34	Effects of Mn substitution of Co and Fe in spinel CoFe2O4 thin films. Journal of Magnetism and Magnetic Materials, 2006, 304, e106-e108.	2.3	20
35	Magnetic and optical properties of spinel FexCo3â˜'xO4 thin films. Journal of Magnetism and Magnetic Materials, 2006, 300, 300-305.	2.3	8
36	Ferromagnetic properties of anatase Ti1â˜'xFexO2â˜'Î´ thin films. Journal of Applied Physics, 2006, 99, 08M120.	2.5	13

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37	MÃ¶ssbauer and optical investigation of Co3â^'x Fe x O4 thin films grown by sol-gel process. , 2006, , 1363-1369.		0
38	Effects of Vanadium Doping on Magnetic Properties of Inverse Spinel Fe3O4Thin Films. Journal of the Korean Magnetics Society, 2006, 16, 18-22.	0.0	0
39	Structural and Magnetic Properties of (Mn, Cr)xCo1-xFe2O4Thin Films Prepared by Sol-gel Method. Journal of the Korean Magnetics Society, 2006, 16, 23-27.	0.0	3
40	Structural and Magnetic Properties of Fe Doped CuO. Journal of the Korean Magnetics Society, 2006, 16, 34-39.	0.0	1
41	Variation of Electronic and Magnetic: Properties in Oxygen-deficient TiO2-Î´ Thin Films by Fe Doping. Journal of the Korean Magnetics Society, 2006, 16, 45-50.	0.0	0
42	Mossbauer Study for the Cation Distribution of Co-ferrite (CoxFe1-xO4) Thin Films. Journal of the Korean Magnetics Society, 2006, 16, 1-5.	0.0	0
43	Study on Magnetic Properties of TiO2-Î´:Ni Thin Films. Journal of the Korean Magnetics Society, 2006, 16, 168-172.	0.0	0
44	Room-temperature Ferromagnetism in Oxygen-deficient TiO2-Î´ Thin Films. Journal of the Korean Magnetics Society, 2006, 16, 206-210.	0.0	0
45	Structural and optical properties of rutile and anatase TiO2 thin films: Effects of Co doping. Thin Solid Films, 2005, 484, 34-38.	1.8	95
46	Evolution of structural and magnetic properties and the electronic structure of spinel Fe/sub x/Co/sub 3-x/O/sub 4/ thin films. IEEE Transactions on Magnetics, 2005, 41, 3478-3480.	2.1	9
47	Diluted ferromagnetic properties in Fe- and Co-doped TiO/sub 2-/spl delta// thin films. , 2005, , .		0
48	Structural, Magnetic, and Optical Studies on Normal to Inverse Spinel Phase Transition in FexCo3-xO4Thin Films. Journal of the Korean Magnetics Society, 2005, 15, 96-99.	0.0	0
49	Electronic and Magnetic Properties of Ti1-xMxO2-Î´(M=Co and Fe) Thin Films Grown by Sol-gel Method. Journal of the Korean Magnetics Society, 2005, 15, 109-112.	0.0	0
50	Solâ€"gel growth and structural and optical investigation of manganese-oxide thin films: structural transformation by Zn doping. Journal of Crystal Growth, 2004, 270, 162-167.	1.5	53
51	Optical properties of normal spinel MxCo3â^'xO4(M=CrandCu): Coexistence of charge-transfer and crystal-field transitions. Journal of Applied Physics, 2004, 96, 1975-1978.	2.5	9
52	Optical investigation of Zn1â^'xFexO films grown on Al2O3(0001) by radio-frequency sputtering. Journal of Applied Physics, 2004, 96, 4150-4153.	2.5	118
53	Solâ€"gel preparation and optical characterization of NiO and Ni1â^'xZnxO thin films. Journal of Crystal Growth, 2003, 258, 380-384.	1.5	82
54	Optical investigation of charge-transfer transitions in spinel Co3O4. Solid State Communications, 2003, 127, 25-28.	1.9	127

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55	Sputtering growth and optical properties of [100]-oriented tetragonal SnO2 and its Mn alloy films. Journal of Applied Physics, 2003, 94, 6401-6404.	2.5	53
56	Optical absorption and electronic structure of Zn1â^'xMnxO alloys studied by spectroscopic ellipsometry. Journal of Applied Physics, 2003, 94, 867-869.	2.5	50
57	Spectroscopic ellipsometry study of optical transitions in Zn1â^'xCoxO alloys. Applied Physics Letters, 2002, 81, 1420-1422.	3.3	293
58	Optical and electrical properties of Ti-doped ZnO films: observation of semiconductorâ€“metal transition. Solid State Communications, 2002, 123, 147-150.	1.9	56
59	Large and abrupt optical band gap variation in In-doped ZnO. Applied Physics Letters, 2001, 78, 475-477.	3.3	176
60	Spectroscopic ellipsometry study of Zn1â^'xMgxO thin films deposited on Al2O3(0001). Solid State Communications, 2000, 115, 127-130.	1.9	69