

# Luis E Hueso

## List of Publications by Citations

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185  
papers

9,491  
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51  
h-index

93  
g-index

200  
ext. papers

10,711  
ext. citations

9.2  
avg, IF

6.09  
L-index

#	Paper	IF	Citations
185	Spin routes in organic semiconductors. <i>Nature Materials</i> , <b>2009</b> , 8, 707-16	27	697
184	Unravelling the role of the interface for spin injection into organic semiconductors. <i>Nature Physics</i> , <b>2010</b> , 6, 615-620	16.2	504
183	Transformation of spin information into large electrical signals using carbon nanotubes. <i>Nature</i> , <b>2007</b> , 445, 410-3	50.4	307
182	Room-temperature spintronic effects in Alq <sub>3</sub> -based hybrid devices. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	293
181	Controlling graphene plasmons with resonant metal antennas and spatial conductivity patterns. <i>Science</i> , <b>2014</b> , 344, 1369-73	33.3	236
180	Activating the molecular spinterface. <i>Nature Materials</i> , <b>2017</b> , 16, 507-515	27	217
179	Infrared hyperbolic metasurface based on nanostructured van der Waals materials. <i>Science</i> , <b>2018</b> , 359, 892-896	33.3	215
178	Giant and reversible extrinsic magnetocaloric effects in La <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> films due to strain. <i>Nature Materials</i> , <b>2013</b> , 12, 52-8	27	205
177	Direct observation of ultraslow hyperbolic polariton propagation with negative phase velocity. <i>Nature Photonics</i> , <b>2015</b> , 9, 674-678	33.9	203
176	Tuning the spin Hall effect of Pt from the moderately dirty to the superclean regime. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	186
175	Resolving the electromagnetic mechanism of surface-enhanced light scattering at single hot spots. <i>Nature Communications</i> , <b>2012</b> , 3, 684	17.4	179
174	Nanofocusing of mid-infrared energy with tapered transmission lines. <i>Nature Photonics</i> , <b>2011</b> , 5, 283-287	33.9	179
173	Acoustic terahertz graphene plasmons revealed by photocurrent nanoscopy. <i>Nature Nanotechnology</i> , <b>2017</b> , 12, 31-35	28.7	178
172	Boron nitride nanoresonators for phonon-enhanced molecular vibrational spectroscopy at the strong coupling limit. <i>Light: Science and Applications</i> , <b>2018</b> , 7, 17172	16.7	176
171	Intergranular magnetoresistance in nanomanganites. <i>Nanotechnology</i> , <b>2003</b> , 14, 212-219	3.4	159
170	Tuning of the magnetocaloric effect in La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> nanoparticles synthesized by sol-gel techniques. <i>Journal of Applied Physics</i> , <b>2002</b> , 91, 9943	2.5	159
169	Temperature dependence of spin diffusion length and spin Hall angle in Au and Pt. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	157

168	Real-space mapping of tailored sheet and edge plasmons in graphene nanoresonators. <i>Nature Photonics</i> , <b>2016</b> , 10, 239-243	33.9	134
167	Experimental verification of the spectral shift between near- and far-field peak intensities of plasmonic infrared nanoantennas. <i>Physical Review Letters</i> , <b>2013</b> , 110, 203902	7.4	134
166	A two-dimensional spin field-effect switch. <i>Nature Communications</i> , <b>2016</b> , 7, 13372	17.4	133
165	Room-temperature spin transport in C60-based spin valves. <i>Advanced Materials</i> , <b>2011</b> , 23, 1609-13	24	133
164	Drop of magnetocaloric effect related to the change from first- to second-order magnetic phase transition in La <sub>2/3</sub> (Ca <sub>1-x</sub> Sr <sub>x</sub> ) <sub>1/3</sub> MnO <sub>3</sub> . <i>Journal of Applied Physics</i> , <b>2002</b> , 91, 8903	2.5	124
163	A light-controlled resistive switching memory. <i>Advanced Materials</i> , <b>2012</b> , 24, 2496-500	24	122
162	Tuning of colossal magnetoresistance via grain size change in La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> . <i>Journal of Applied Physics</i> , <b>1999</b> , 86, 3881-3884	2.5	120
161	Real-space mapping of Fano interference in plasmonic metamolecules. <i>Nano Letters</i> , <b>2011</b> , 11, 3922-6	11.5	117
160	Room-Temperature Spin Hall Effect in Graphene/MoS van der Waals Heterostructures. <i>Nano Letters</i> , <b>2019</b> , 19, 1074-1082	11.5	116
159	Low field magnetoresistance effects in fine particles of La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> perovskites. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2000</b> , 221, 57-62	2.8	109
158	A molecular spin-photovoltaic device. <i>Science</i> , <b>2017</b> , 357, 677-680	33.3	101
157	Magnetoresistance in manganite/alumina nanocrystalline composites. <i>Journal of Applied Physics</i> , <b>2001</b> , 89, 1746	2.5	101
156	Large magnetocaloric effect in manganites with charge order. <i>Applied Physics Letters</i> , <b>2001</b> , 79, 2040-2042	3.4	95
155	Hanle Magnetoresistance in Thin Metal Films with Strong Spin-Orbit Coupling. <i>Physical Review Letters</i> , <b>2016</b> , 116, 016603	7.4	94
154	Nanoimaging of resonating hyperbolic polaritons in linear boron nitride antennas. <i>Nature Communications</i> , <b>2017</b> , 8, 15624	17.4	91
153	Spin Hall magnetoresistance at Pt/CoFe <sub>2</sub> O <sub>4</sub> interfaces and texture effects. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 142402	3.4	91
152	High-temperature properties of the Sr <sub>2</sub> FeMoO <sub>6</sub> double perovskite: Electrical resistivity, magnetic susceptibility, and ESR. <i>Physical Review B</i> , <b>2000</b> , 62, 3340-3345	3.3	90
151	Tunable Sign Change of Spin Hall Magnetoresistance in Pt/NiO/YIG Structures. <i>Physical Review Letters</i> , <b>2017</b> , 118, 147202	7.4	89

150	Probing low-energy hyperbolic polaritons in van der Waals crystals with an electron microscope. <i>Nature Communications</i> , <b>2017</b> , 8, 95	17.4	86
149	Strong reduction of lattice effects in mixed-valence manganites related to crystal symmetry. <i>Physical Review B</i> , <b>2001</b> , 65,	3.3	84
148	Multipurpose Magnetic Organic Hybrid Devices. <i>Advanced Materials</i> , <b>2007</b> , 19, 2639-2642	24	83
147	Optical Nanoimaging of Hyperbolic Surface Polaritons at the Edges of van der Waals Materials. <i>Nano Letters</i> , <b>2017</b> , 17, 228-235	11.5	80
146	Influence of the grain-size and oxygen stoichiometry on magnetic and transport properties of polycrystalline $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$ perovskites. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1998</b> , 189, 321-328	2.8	77
145	Alignment of energy levels at the $\text{Alq}_3/\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ interface for organic spintronic devices. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	73
144	Gate-tunable diode and photovoltaic effect in an organic-2D layered material p-n junction. <i>Nanoscale</i> , <b>2015</b> , 7, 15442-9	7.7	72
143	Origin of inverse Rashba-Edelstein effect detected at the Cu/Bi interface using lateral spin valves. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	69
142	Flexible spintronic devices on Kapton. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 062412	3.4	69
141	Coexistence of paramagnetic-charge-ordered and ferromagnetic-metallic phases in $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ evidenced by electron spin resonance. <i>Journal of Applied Physics</i> , <b>2002</b> , 91, 785-788	2.5	69
140	Effect of Mn-site doping on the magnetotransport properties of the colossal magnetoresistance compound $\text{La}_{2/3}\text{Ca}_{1/3}\text{Mn}_{1-x}\text{AxO}_3$ (A=Co,Cr; x. <i>Physical Review B</i> , <b>2000</b> , 62, 5678-5684	3.3	59
139	Impurity-assisted tunneling magnetoresistance under a weak magnetic field. <i>Physical Review Letters</i> , <b>2014</b> , 113, 146601	7.4	57
138	Room-temperature air-stable spin transport in bathocuproine-based spin valves. <i>Nature Communications</i> , <b>2013</b> , 4,	17.4	57
137	A randomized pilot comparative study of topical methyl aminolevulinate photodynamic therapy versus imiquimod 5% versus sequential application of both therapies in immunocompetent patients with actinic keratosis: clinical and histologic outcomes. <i>Journal of the American Academy of Dermatology</i> , <b>2012</b> , 66, e131-7	4.5	56
136	Temperature dependence of spin polarization in ferromagnetic metals using lateral spin valves. <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	51
135	Contribution of defects to the spin relaxation in copper nanowires. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	50
134	Visualizing the near-field coupling and interference of bonding and anti-bonding modes in infrared dimer nanoantennas. <i>Optics Express</i> , <b>2013</b> , 21, 1270-80	3.3	49
133	Competing effects at Pt/YIG interfaces: Spin Hall magnetoresistance, magnon excitations, and magnetic frustration. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	48

132	Gate-Controlled Energy Barrier at a Graphene/Molecular Semiconductor Junction. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 2972-2979	15.6	46
131	Spin-polarized electron transfer in ferromagnet/C60 interfaces. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	46
130	Active Morphology Control for Concomitant Long Distance Spin Transport and Photoresponse in a Single Organic Device. <i>Advanced Materials</i> , <b>2016</b> , 28, 2609-15	24	46
129	Electron-spin-resonance line broadening around the magnetic phase transition in manganites. <i>Physical Review B</i> , <b>1999</b> , 60, 11922-11925	3.3	45
128	Hybrid Interface States and Spin Polarization at Ferromagnetic Metal/Organic Heterojunctions: Interface Engineering for Efficient Spin Injection in Organic Spintronics. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 4812-4821	15.6	44
127	Large Multidirectional Spin-to-Charge Conversion in Low-Symmetry Semimetal MoTe at Room Temperature. <i>Nano Letters</i> , <b>2019</b> , 19, 8758-8766	11.5	42
126	Resistive switching dependence on atomic layer deposition parameters in HfO <sub>2</sub> -based memory devices. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 3204-3211	7.1	41
125	How reliable are Hanle measurements in metals in a three-terminal geometry?. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 192406	3.4	39
124	Nanofocusing of Hyperbolic Phonon Polaritons in a Tapered Boron Nitride Slab. <i>ACS Photonics</i> , <b>2016</b> , 3, 924-929	6.3	38
123	Unveiling the mechanisms of the spin Hall effect in Ta. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	35
122	Nanoscale magnetic structure of ferromagnet/antiferromagnet manganite multilayers. <i>Physical Review Letters</i> , <b>2007</b> , 99, 247207	7.4	35
121	Collective near-field coupling and nonlocal phenomena in infrared-phononic metasurfaces for nano-light canalization. <i>Nature Communications</i> , <b>2020</b> , 11, 3663	17.4	35
120	Strong ferroantiferromagnetic competition and charge ordering in Pr <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> . <i>Solid State Communications</i> , <b>1999</b> , 110, 179-183	1.6	34
119	Launching of hyperbolic phonon-polaritons in h-BN slabs by resonant metal plasmonic antennas. <i>Nature Communications</i> , <b>2019</b> , 10, 3242	17.4	33
118	Large room temperature spin-to-charge conversion signals in a few-layer graphene/Pt lateral heterostructure. <i>Nature Communications</i> , <b>2017</b> , 8, 661	17.4	33
117	Determination of energy level alignment at metal/molecule interfaces by in-device electrical spectroscopy. <i>Nature Communications</i> , <b>2014</b> , 5, 4161	17.4	32
116	Experimental study of charge ordering transition in Pr <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>1999</b> , 196-197, 475-476	2.8	31
115	Sign control of magnetoresistance through chemically engineered interfaces. <i>Advanced Materials</i> , <b>2014</b> , 26, 7561-7	24	29

114	Relation between spin Hall effect and anomalous Hall effect in 3d ferromagnetic metals. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	29
113	Modulation of pure spin currents with a ferromagnetic insulator. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	28
112	Absence of magnetic proximity effects in magnetoresistive Pt/CoFe <sub>2</sub> O <sub>4</sub> hybrid interfaces. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	28
111	Energy Level Alignment at Metal/Solution-Processed Organic Semiconductor Interfaces. <i>Advanced Materials</i> , <b>2017</b> , 29, 1606901	24	27
110	Tuning the resistive switching properties of TiO <sub>2</sub> films. <i>Applied Physics Letters</i> , <b>2015</b> , 106, 123509	3.4	27
109	An electron-conducting pyrene-fused phenazinothiadiazole. <i>Chemical Communications</i> , <b>2015</b> , 51, 10754-3.8	3.8	27
108	Interface-Assisted Sign Inversion of Magnetoresistance in Spin Valves Based on Novel Lanthanide Quinoline Molecules. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1702099	15.6	26
107	Real-space observation of vibrational strong coupling between propagating phonon polaritons and organic molecules. <i>Nature Photonics</i> , <b>2021</b> , 15, 197-202	33.9	26
106	Spin Hall Magnetoresistance as a Probe for Surface Magnetization in Pt/CoFe <sub>2</sub> O <sub>4</sub> Bilayers. <i>Physical Review Applied</i> , <b>2016</b> , 6,	4.3	25
105	A randomized comparative study of tolerance and satisfaction in the treatment of actinic keratosis of the face and scalp between 5% imiquimod cream and photodynamic therapy with methyl aminolaevulinate. <i>British Journal of Dermatology</i> , <b>2011</b> , 164, 429-33	4	25
104	Deeply subwavelength phonon-polaritonic crystal made of a van der Waals material. <i>Nature Communications</i> , <b>2019</b> , 10, 42	17.4	25
103	Thermally driven long-range magnon spin currents in yttrium iron garnet due to intrinsic spin Seebeck effect. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	24
102	Spin doping using transition metal phthalocyanine molecules. <i>Nature Communications</i> , <b>2016</b> , 7, 13751	17.4	24
101	Synthetic Antiferromagnetic Coupling Between Ultrathin Insulating Garnets. <i>Physical Review Applied</i> , <b>2018</b> , 10,	4.3	24
100	Graphene as an electrode for solution-processed electron-transporting organic transistors. <i>Nanoscale</i> , <b>2017</b> , 9, 10178-10185	7.7	23
99	C60-based hot-electron magnetic tunnel transistor. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 102404	3.4	23
98	Room-temperature ferromagnetism in thin films of LaMnO <sub>3</sub> deposited by a chemical method over large areas. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 5410-4	9.5	22
97	Flexible semi-transparent organic spin valve based on bathocuproine. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 083302	3.4	22

96	Interface effects on an ultrathin Co film in multilayers based on the organic semiconductor Alq3. <i>Applied Physics Letters</i> , <b>2010</b> , 97, 162509	3.4	21
95	Tunneling barrier in nanoparticle junctions of La <sub>2/3</sub> (Ca,Sr) <sub>1/3</sub> MnO <sub>3</sub> : Nonlinear current-voltage characteristics. <i>Journal of Applied Physics</i> , <b>2003</b> , 93, 6305-6310	2.5	21
94	Synthesis and Properties of a Twisted and Stable Tetracyano-Substituted Tetrabenzoheptacene. <i>Organic Letters</i> , <b>2017</b> , 19, 1718-1721	6.2	20
93	Tuning the charge flow between Marcus regimes in an organic thin-film device. <i>Nature Communications</i> , <b>2019</b> , 10, 2089	17.4	20
92	Fullerene-Based Materials as Hole-Transporting/Electron-Blocking Layers: Applications in Perovskite Solar Cells. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 8524-8529	4.8	19
91	Spin-orbit magnetic state readout in scaled ferromagnetic/heavy metal nanostructures. <i>Nature Electronics</i> , <b>2020</b> , 3, 309-315	28.4	18
90	Spin diffusion length of Permalloy using spin absorption in lateral spin valves. <i>Applied Physics Letters</i> , <b>2017</b> , 111, 082407	3.4	18
89	Bisthiadiazole-Fused Tetraazapentacenequinone: An Air-Stable Solution-Processable n-Type Organic Semiconductor. <i>Organic Letters</i> , <b>2015</b> , 17, 5902-5	6.2	17
88	Nanoscale Guiding of Infrared Light with Hyperbolic Volume and Surface Polaritons in van der Waals Material Ribbons. <i>Advanced Materials</i> , <b>2020</b> , 32, e1906530	24	17
87	C60/NiFe combination as a promising platform for molecular spintronics. <i>Organic Electronics</i> , <b>2012</b> , 13, 366-372	3.5	17
86	K-Conjugated Dibenzoazahexacenes. <i>Organic Letters</i> , <b>2016</b> , 18, 4694-7	6.2	17
85	Sublimable chloroquinolate lanthanoid single-ion magnets deposited on ferromagnetic electrodes. <i>Chemical Science</i> , <b>2018</b> , 9, 199-208	9.4	16
84	Bis(triisopropylsilylethynyl)-substituted pyrene-fused tetraazaheptacene: synthesis and properties. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 11616-9	3.6	15
83	Effect of porosity on FMR linewidth of Ln <sub>0.67</sub> A <sub>0.33</sub> MnO <sub>3</sub> (Ln = La, Pr; A = Ca, Sr). <i>Journal of Magnetism and Magnetic Materials</i> , <b>1999</b> , 196-197, 470-472	2.8	15
82	Absence of detectable current-induced magneto-optical Kerr effects in Pt, Ta, and W. <i>Applied Physics Letters</i> , <b>2016</b> , 109, 172402	3.4	15
81	Gate tunability of highly efficient spin-to-charge conversion by spin Hall effect in graphene proximitized with WSe <sub>2</sub> . <i>APL Materials</i> , <b>2020</b> , 8, 071103	5.7	14
80	Charge and spin transport in PEDOT:PSS nanoscale lateral devices. <i>Nanotechnology</i> , <b>2013</b> , 24, 475201	3.4	14
79	Anomalous Hall-like transverse magnetoresistance in Au thin films on Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> . <i>Applied Physics Letters</i> , <b>2018</b> , 113, 222409	3.4	14

78	Resistive switching in rectifying interfaces of metal-semiconductor-metal structures. <i>Applied Physics Letters</i> , <b>2013</b> , 103, 073114	3.4	13
77	Scale-invariant large nonlocality in polycrystalline graphene. <i>Nature Communications</i> , <b>2017</b> , 8, 2198	17.4	13
76	Translating reproducible phase-separated texture in manganites into reproducible two-state low-field magnetoresistance: An imaging and transport study. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	13
75	Electrical transport between epitaxial manganites and carbon nanotubes. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 083120	3.4	13
74	Effects of the progressive substitution of La <sup>3+</sup> by Gd <sup>3+</sup> in the magnetic and transport properties of La <sub>2/3</sub> Ca <sub>1/3</sub> MnO <sub>3</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>2002</b> , 238, 293-300	2.8	13
73	Magnetic and intergranular transport properties in manganite/alumina composites. <i>Journal of Non-Crystalline Solids</i> , <b>2001</b> , 287, 324-328	3.9	13
72	Spin-Polarized Hopping Transport in Magnetically Tunable Rare-Earth Quinolines. <i>Advanced Electronic Materials</i> , <b>2015</b> , 1, 1500065	6.4	12
71	High resolution determination of ferromagnetic metallic limit in epitaxial La <sub>1-x</sub> CaxMnO <sub>3</sub> films on NdGaO <sub>3</sub> . <i>Applied Physics Letters</i> , <b>2006</b> , 89, 142509	3.4	12
70	Crossover from anisotropic to isotropic transport in R <sub>2/3</sub> A <sub>1/3</sub> MnO <sub>3</sub> perovskites determined by crystal symmetry. <i>Physical Review B</i> , <b>2000</b> , 61, 5857-5859	3.3	12
69	Spin Hall magnetoresistance in a low-dimensional Heisenberg ferromagnet. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	11
68	Tailoring palladium nanocontacts by electromigration. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 193103	3.4	11
67	Enhanced Light-Matter Interaction in 10B Monoisotopic Boron Nitride Infrared Nanoresonators. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2001958	8.1	11
66	Resistive switching phenomena in TiO <sub>x</sub> nanoparticle layers for memory applications. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 143506	3.4	10
65	Evidence of weak ferromagnetism in chromium(III) oxide particles. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2004</b> , 272-276, 1547-1548	2.8	10
64	Room-Temperature Operation of a p-Type Molecular Spin Photovoltaic Device on a Transparent Substrate. <i>Advanced Materials</i> , <b>2020</b> , 32, e1906908	24	9
63	HfO <sub>2</sub> based memory devices with rectifying capabilities. <i>Journal of Applied Physics</i> , <b>2014</b> , 115, 024501	2.5	9
62	Non-conventional metallic electrodes for organic field-effect transistors. <i>Organic Electronics</i> , <b>2012</b> , 13, 2301-2306	3.5	9
61	Spontaneous magnetostriction in La <sub>2/3</sub> (Ca <sub>1-x</sub> Sr <sub>x</sub> ) <sub>1/3</sub> MnO <sub>3</sub> (x=0, 0.05, 0.15, 0.25 and 1.0) near TC and its field dependence. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2001</b> , 226-230, 582-584	2.8	9



60	Frequency driven inversion of tunnel magnetoimpedance and observation of positive tunnel magnetocapacitance in magnetic tunnel junctions. <i>Applied Physics Letters</i> , <b>2016</b> , 109, 052401	3.4	9
59	Spin Hall Effect in Bilayer Graphene Combined with an Insulator up to Room Temperature. <i>Nano Letters</i> , <b>2020</b> , 20, 4573-4579	11.5	8
58	Hot Electrons and Hot Spins at Metal/Organic Interfaces. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1706105.6	5.6	8
57	Magnetotransport of manganite superlattices: Investigating the role of a magnetic insulating spacer. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 123120	3.4	8
56	Spintronic investigation of the phase separated manganite (La,Ca)MnO <sub>3</sub> . <i>Journal of Applied Physics</i> , <b>2006</b> , 100, 023903	2.5	8
55	Magnetic clusters in LiNi <sub>1-x</sub> Co <sub>x</sub> O <sub>2</sub> nanomaterials used as cathodes in lithium-ion batteries. <i>Nanotechnology</i> , <b>2003</b> , 14, 277-282	3.4	8
54	Magnetic and electric properties of Sr <sub>2</sub> FeMoO <sub>6</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>2001</b> , 226-230, 895-897	2.8	8
53	Lattice effects and phase competition in charge ordered manganites. <i>Journal of Applied Physics</i> , <b>2002</b> , 91, 7412	2.5	8
52	One-transistor one-resistor (1T1R) cell for large-area electronics. <i>Applied Physics Letters</i> , <b>2018</b> , 113, 072108	10.8	8
51	Effect of the interface resistance in non-local Hanle measurements. <i>Journal of Applied Physics</i> , <b>2015</b> , 117, 223911	2.5	7
50	Interfacial effects on the tunneling magnetoresistance in La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> /MgO/Fe tunneling junctions. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	7
49	Reliable determination of the Cu/n-Si Schottky barrier height by using in-device hot-electron spectroscopy. <i>Applied Physics Letters</i> , <b>2015</b> , 107, 183502	3.4	7
48	Weak Delocalization in Graphene on a Ferromagnetic Insulating Film. <i>Small</i> , <b>2015</b> , 11, 6295-301	11	7
47	Effects of electrochemical reduction on the magnetotransport properties of La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1999</b> , 203, 253-255	2.8	7
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