

# Felix Casanova

## List of Publications by Citations

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140  
papers

6,072  
citations

45  
h-index

74  
g-index

150  
ext. papers

7,102  
ext. citations

8.9  
avg, IF

5.72  
L-index

#	Paper	IF	Citations
140	Controlling graphene plasmons with resonant metal antennas and spatial conductivity patterns. <i>Science</i> , <b>2014</b> , 344, 1369-73	33.3	236
139	Infrared hyperbolic metasurface based on nanostructured van der Waals materials. <i>Science</i> , <b>2018</b> , 359, 892-896	33.3	215
138	Direct observation of ultraslow hyperbolic polariton propagation with negative phase velocity. <i>Nature Photonics</i> , <b>2015</b> , 9, 674-678	33.9	203
137	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
136	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
135	Nanofocusing of mid-infrared energy with tapered transmission lines. <i>Nature Photonics</i> , <b>2011</b> , 5, 283-287	33.9	179
134	Acoustic terahertz graphene plasmons revealed by photocurrent nanoscopy. <i>Nature Nanotechnology</i> , <b>2017</b> , 12, 31-35	28.7	178
133	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
132	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
131	Multiscale origin of the magnetocaloric effect in Ni-Mn-Ga shape-memory alloys. <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	155
130	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
129	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
128	A two-dimensional spin field-effect switch. <i>Nature Communications</i> , <b>2016</b> , 7, 13372	17.4	133
127	Room-temperature spin transport in C60-based spin valves. <i>Advanced Materials</i> , <b>2011</b> , 23, 1609-13	24	133
126	A light-controlled resistive switching memory. <i>Advanced Materials</i> , <b>2012</b> , 24, 2496-500	24	122
125	Real-space mapping of Fano interference in plasmonic metamolecules. <i>Nano Letters</i> , <b>2011</b> , 11, 3922-6	11.5	117
124	Magnetic field induced entropy change and magnetoelasticity in Ni-Mn-Ga alloys. <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	116

123	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
122	A molecular spin-photovoltaic device. <i>Science</i> , <b>2017</b> , 357, 677-680	33.3	101
121	Hanle Magnetoresistance in Thin Metal Films with Strong Spin-Orbit Coupling. <i>Physical Review Letters</i> , <b>2016</b> , 116, 016603	7.4	94
120	Nanoimaging of resonating hyperbolic polaritons in linear boron nitride antennas. <i>Nature Communications</i> , <b>2017</b> , 8, 15624	17.4	91
119	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
118	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
117	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
116	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
115	Simultaneous detection of the spin-Hall magnetoresistance and the spin-Seebeck effect in platinum and tantalum on yttrium iron garnet. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	73
114	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
113	Entropy change and magnetocaloric effect in Gd <sub>5</sub> (SixGe <sub>1-x</sub> ) <sub>4</sub> . <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	70
112	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
111	Scaling of the entropy change at the magnetoelastic transition in Gd <sub>5</sub> (SixGe <sub>1-x</sub> ) <sub>4</sub> . <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	65
110	Nature and entropy content of the ordering transitions in RCo <sub>2</sub> . <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	62
109	Control of spin injection by direct current in lateral spin valves. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	60
108	A high-sensitivity differential scanning calorimeter with magnetic field for magnetostructural transitions. <i>Review of Scientific Instruments</i> , <b>2003</b> , 74, 4768-4771	1.7	59
107	Impurity-assisted tunneling magnetoresistance under a weak magnetic field. <i>Physical Review Letters</i> , <b>2014</b> , 113, 146601	7.4	57
106	Room-temperature air-stable spin transport in bathocuproine-based spin valves. <i>Nature Communications</i> , <b>2013</b> , 4,	17.4	57

105	Gas adsorption and capillary condensation in nanoporous alumina films. <i>Nanotechnology</i> , <b>2008</b> , 19, 315709	3.3	51
104	Temperature dependence of spin polarization in ferromagnetic metals using lateral spin valves. <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	51
103	Contribution of defects to the spin relaxation in copper nanowires. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	50
102	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
101	Direct observation of the magnetic-field-induced entropy change in Gd <sub>5</sub> (SixGe <sub>1-x</sub> ) <sub>4</sub> giant magnetocaloric alloys. <i>Applied Physics Letters</i> , <b>2005</b> , 86, 262504	3.4	49
100	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
99	Spin-dependent Seebeck effect in non-local spin valve devices. <i>Applied Physics Letters</i> , <b>2012</b> , 100, 212401	3.4	47
98	Surface enhanced spin-flip scattering in lateral spin valves. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 022513	3.4	47
97	Gate-Controlled Energy Barrier at a Graphene/Molecular Semiconductor Junction. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 2972-2979	15.6	46
96	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
95	Effect of a magnetic field on the magnetostructural phase transition in Gd <sub>5</sub> (SixGe <sub>1-x</sub> ) <sub>4</sub> . <i>Physical Review B</i> , <b>2004</b> , 69,	3.3	44
94	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
93	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
92	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
91	Direct observation of cooperative effects in capillary condensation: The hysteretic origin. <i>Applied Physics Letters</i> , <b>2007</b> , 91, 243103	3.4	38
90	Nanofocusing of Hyperbolic Phonon Polaritons in a Tapered Boron Nitride Slab. <i>ACS Photonics</i> , <b>2016</b> , 3, 924-929	6.3	38
89	Unveiling the mechanisms of the spin Hall effect in Ta. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	35
88	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

87	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
86	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
85	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
84	Effect of surface interactions on the hysteresis of capillary condensation in nanopores. <i>Europhysics Letters</i> , <b>2008</b> , 81, 26003	1.6	29
83	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
82	Modulation of pure spin currents with a ferromagnetic insulator. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	28
81	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
80	Energy Level Alignment at Metal/Solution-Processed Organic Semiconductor Interfaces. <i>Advanced Materials</i> , <b>2017</b> , 29, 1606901	24	27
79	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
78	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
77	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
76	Giant heat dissipation at the low-temperature reversible-irreversible transition in Gd <sub>5</sub> Ge <sub>4</sub> . <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	25
75	Coexistence of short-range ferromagnetic and antiferromagnetic correlations in Ge-rich Gd <sub>5</sub> (SixGe <sub>1-x</sub> ) <sub>4</sub> alloys. <i>Journal Physics D: Applied Physics</i> , <b>2005</b> , 38, 3343-3347	3	25
74	Deeply subwavelength phonon-polaritonic crystal made of a van der Waals material. <i>Nature Communications</i> , <b>2019</b> , 10, 42	17.4	25
73	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
72	Embedded purification for electron beam induced Pt deposition using MeCpPtMe <sub>3</sub> . <i>Nanotechnology</i> , <b>2015</b> , 26, 095303	3.4	24
71	Spin doping using transition metal phthalocyanine molecules. <i>Nature Communications</i> , <b>2016</b> , 7, 13751	17.4	24
70	Synthetic Antiferromagnetic Coupling Between Ultrathin Insulating Garnets. <i>Physical Review Applied</i> , <b>2018</b> , 10,	4.3	24

69	Graphene as an electrode for solution-processed electron-transporting organic transistors. <i>Nanoscale</i> , <b>2017</b> , 9, 10178-10185	7.7	23
68	C60-based hot-electron magnetic tunnel transistor. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 102404	3.4	23
67	Controlling the role of nanopore morphology in capillary condensation. <i>Langmuir</i> , <b>2012</b> , 28, 6832-8	4	23
66	Flexible semi-transparent organic spin valve based on bathocuproine. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 083302	3.4	22
65	Dynamics of the first-order magnetostructural transition in $Gd_5(Si_x Ge_{1-x})_4$ . <i>European Physical Journal B</i> , <b>2004</b> , 40, 427-431	1.2	21
64	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
63	Acoustic emission across the magnetostructural transition of the giant magnetocaloric $Gd_5Si_2Ge_2$ . <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	20
62	Spin-orbit magnetic state readout in scaled ferromagnetic/heavy metal nanostructures. <i>Nature Electronics</i> , <b>2020</b> , 3, 309-315	28.4	18
61	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
60	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
59	C60/NiFe combination as a promising platform for molecular spintronics. <i>Organic Electronics</i> , <b>2012</b> , 13, 366-372	3.5	17
58	Change in entropy at a first-order magnetoelastic phase transition: Case study of $Gd_5(SixGe_{1-x})_4$ giant magnetocaloric alloys. <i>Journal of Applied Physics</i> , <b>2003</b> , 93, 8313-8315	2.5	15
57	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
56	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
55	Spin injection and local magnetoresistance effects in three-terminal devices. <i>Journal Physics D: Applied Physics</i> , <b>2016</b> , 49, 133001	3	14
54	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
53	Resistive switching in rectifying interfaces of metal-semiconductor-metal structures. <i>Applied Physics Letters</i> , <b>2013</b> , 103, 073114	3.4	13
52	Scale-invariant large nonlocality in polycrystalline graphene. <i>Nature Communications</i> , <b>2017</b> , 8, 2198	17.4	13

51	Spin-Polarized Hopping Transport in Magnetically Tunable Rare-Earth Quinolines. <i>Advanced Electronic Materials</i> , <b>2015</b> , 1, 1500065	6.4	12
50	Griffiths-like phase and magnetic correlations at high fields in Gd <sub>5</sub> Ge <sub>4</sub> . <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	12
49	Spin Hall magnetoresistance in a low-dimensional Heisenberg ferromagnet. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	11
48	Tailoring palladium nanocontacts by electromigration. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 193103	3.4	11
47	Enhanced Light-Matter Interaction in 10B Monoisotopic Boron Nitride Infrared Nanoresonators. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2001958	8.1	11
46	On the Role of Interfaces on Spin Transport in Magnetic Insulator/Normal Metal Heterostructures. <i>Advanced Materials Interfaces</i> , <b>2019</b> , 6, 1900475	4.6	10
45	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
44	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
43	HfO <sub>2</sub> based memory devices with rectifying capabilities. <i>Journal of Applied Physics</i> , <b>2014</b> , 115, 024501	2.5	9
42	Non-conventional metallic electrodes for organic field-effect transistors. <i>Organic Electronics</i> , <b>2012</b> , 13, 2301-2306	3.5	9
41	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
40	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
39	Entropy change at the magnetostructural transition in. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2006</b> , 301, 378-382	2.8	8
38	Reply to Comment on Nature and entropy content of the ordering transitions in RCo <sub>2</sub> . <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	8
37	Differential scanning calorimetry experiments in RCo <sub>2</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>2005</b> , 290-291, 682-685	2.8	8
36	Effect of the interface resistance in non-local Hanle measurements. <i>Journal of Applied Physics</i> , <b>2015</b> , 117, 223911	2.5	7
35	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
34	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

33	Weak Delocalization in Graphene on a Ferromagnetic Insulating Film. <i>Small</i> , <b>2015</b> , 11, 6295-301	11	7
32	Tailoring Superconductivity in Large-Area SingleLayer NbSe via Self-Assembled Molecular Adlayers. <i>Nano Letters</i> , <b>2021</b> , 21, 136-143	11.5	7
31	Spin transport enhancement by controlling the Ag growth in lateral spin valves. <i>Journal Physics D: Applied Physics</i> , <b>2015</b> , 48, 215003	3	6
30	Differences in the magnon diffusion length for electrically and thermally driven magnon currents in Y3Fe5O12. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	6
29	In situ electrical characterization of palladium-based single electron transistors made by electromigration technique. <i>AIP Advances</i> , <b>2014</b> , 4, 117126	1.5	6
28	Photodoping-Driven Crossover in the Low-Frequency Noise of MoS2 Transistors. <i>Physical Review Applied</i> , <b>2017</b> , 7,	4.3	6
27	Gate-tunable graphene-organic interface barrier for vertical transistor and logic inverter. <i>Applied Physics Letters</i> , <b>2018</b> , 113, 153301	3.4	6
26	Absence of evidence of spin transport through amorphous Y3Fe5O12. <i>Applied Physics Letters</i> , <b>2020</b> , 116, 032401	3.4	5
25	Magnetocaloric and shape-memory effects in Ni-Mn-Ga ferro-magnetic alloys. <i>European Physical Journal Special Topics</i> , <b>2004</b> , 115, 105-110		5
24	Microcavity phonon polaritons from the weak to the ultrastrong phonon-photon coupling regime. <i>Nature Communications</i> , <b>2021</b> , 12, 6206	17.4	5
23	Electrical Control of Valley-Zeeman Spin-Orbit-Coupling-Induced Spin Precession at Room Temperature. <i>Physical Review Letters</i> , <b>2021</b> , 127, 047202	7.4	5
22	Exchange bias in molecule/Fe GeTe van der Waals heterostructures via spinterface effects.. <i>Advanced Materials</i> , <b>2022</b> , e2200474	24	5
21	Interfacial mechanism in the anomalous Hall effect of Co/Bi2O3 bilayers. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	4
20	Strain Effects on the Energy-Level Alignment at Metal/Organic Semiconductor Interfaces. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 12717-12722	9.5	4
19	Top dielectric induced ambipolarity in an n-channel dual-gated organic field effect transistor. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 10389-10393	7.1	4
18	Propagation and nanofocusing of infrared surface plasmons on tapered transmission lines: Influence of the substrate. <i>Optics Communications</i> , <b>2012</b> , 285, 3378-3382	2	4
17	Three-terminal resistive switching memory in a transparent vertical-configuration device. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 013503	3.4	4
16	Commensurability effects in magnetic properties of superconducting Nb thin films with periodic submicrometric pores. <i>Physica B: Condensed Matter</i> , <b>2009</b> , 404, 2809-2811	2.8	4



15	Magnetic field induced entropy change and magnetoelasticity in NiMnGa alloys. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2004</b> , 272-276, E1595-E1596	2.8	4
14	Gate-tuneable and chirality-dependent charge-to-spin conversion in tellurium nanowires.. <i>Nature Materials</i> , <b>2022</b> ,	27	4
13	Molecular spectroscopy in a solid-state device. <i>Materials Horizons</i> , <b>2019</b> , 6, 1663-1668	14.4	3
12	Modulation of spin accumulation by nanoscale confinement using electromigration in a metallic lateral spin valve. <i>Nanotechnology</i> , <b>2016</b> , 27, 095201	3.4	3
11	Quantification of interfacial spin-charge conversion in hybrid devices with a metal/insulator interface. <i>Applied Physics Letters</i> , <b>2020</b> , 117, 142405	3.4	3
10	Strong Interfacial Exchange Field in a Heavy Metal/Ferromagnetic Insulator System Determined by Spin Hall Magnetoresistance. <i>Nano Letters</i> , <b>2020</b> , 20, 6815-6823	11.5	3
9	Hyperspectral Nanoimaging of van der Waals Polaritonic Crystals. <i>Nano Letters</i> , <b>2021</b> , 21, 7109-7115	11.5	3
8	Spin fluctuations, geometrical size effects, and zero-field topological order in textured MnSi thin films. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	2
7	Non-Hebbian learning implementation in light-controlled resistive memory devices. <i>PLoS ONE</i> , <b>2012</b> , 7, e52042	3.7	2
6	Tuning ambipolarity in a polymer field effect transistor using graphene electrodes. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 8120-8124	7.1	1
5	Ferromagnetics: Weak Delocalization in Graphene on a Ferromagnetic Insulating Film (Small 47/2015). <i>Small</i> , <b>2015</b> , 11, 6242-6242	11	1
4	Cobalt phthalocyanine-based submicrometric field-effect transistors. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2015</b> , 212, 607-611	1.6	1
3	Electronic transport in sub-micron square area organic field-effect transistors. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 103301	3.4	1
2	Disentangling Spin, Anomalous, and Planar Hall Effects in Ferromagnetic Heavy-Metal Nanostructures. <i>Physical Review Applied</i> , <b>2021</b> , 15,	4.3	1
1	Addressing Vibrational Excitations in Van der Waals Materials and Molecular Layers Within Electron Energy Loss Spectroscopy. <i>Microscopy and Microanalysis</i> , <b>2018</b> , 24, 408-409	0.5	