

# Esteban Bermdez-Urea

## List of Publications by Citations

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21  
papers

1,799  
citations

12  
h-index

24  
g-index

24  
ext. papers

1,989  
ext. citations

8.7  
avg, IF

4.25  
L-index

#	Paper	IF	Citations
21	Catalytic microtubular jet engines self-propelled by accumulated gas bubbles. <i>Small</i> , <b>2009</b> , 5, 1688-92	11	548
20	Versatile Approach for Integrative and Functionalized Tubes by Strain Engineering of Nanomembranes on Polymers. <i>Advanced Materials</i> , <b>2008</b> , 20, 4085-4090	24	537
19	Photoinduced heating of nanoparticle arrays. <i>ACS Nano</i> , <b>2013</b> , 7, 6478-88	16.7	251
18	Coupling of individual quantum emitters to channel plasmons. <i>Nature Communications</i> , <b>2015</b> , 6, 7883	17.4	117
17	Excitation enhancement of a quantum dot coupled to a plasmonic antenna. <i>Advanced Materials</i> , <b>2012</b> , 24, OP314-20	24	67
16	Plasmonic Waveguide-Integrated Nanowire Laser. <i>Nano Letters</i> , <b>2017</b> , 17, 747-754	11.5	64
15	Light-Assisted Solvothermal Chemistry Using Plasmonic Nanoparticles. <i>ACS Omega</i> , <b>2016</b> , 1, 2-8	3.9	39
14	Fabrication of ferromagnetic rolled-up microtubes for magnetic sensors on fluids. <i>Journal Physics D: Applied Physics</i> , <b>2009</b> , 42, 055001	3	32
13	Deterministic temperature shaping using plasmonic nanoparticle assemblies. <i>Nanoscale</i> , <b>2014</b> , 6, 8984-97.7		29
12	Nanopatterned CoPt alloys with perpendicular magnetic anisotropy. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 153112	3.4	26
11	Tuning magnetic properties by roll-up of Au/Co/Au films into microtubes. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 102510	3.4	20
10	Quantitative absorption spectroscopy of nano-objects. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	18
9	Polarized Nonlinear Nanoscopy of Metal Nanostructures. <i>ACS Photonics</i> , <b>2017</b> , 4, 292-301	6.3	8
8	Self-Rolled Multilayer Metasurfaces. <i>ACS Photonics</i> , <b>2019</b> , 6, 2198-2204	6.3	8
7	Efficient single particle detection with a superconducting nanowire. <i>AIP Advances</i> , <b>2012</b> , 2, 032124	1.5	8
6	Ferromagnetic resonance and magnetization in permalloy films with nanostructured antidot arrays of variable size. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2008</b> , 320, e257-e260	2.8	8
5	Flash Infrared Pulse Time Control of Perovskite Crystal Nucleation and Growth from Solution. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 670-679	3.5	7

4	Shaping Perovskites: Crystallization Mechanism of Rapid Thermally Annealed, Prepatterned Perovskite Films. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 6854-6863	9.5	5
3	Structural Diversity with Varying Disorder Enables the Multicolored Display in the Longhorn Beetle <i>Sulawesiella raphaelae</i> . <i>IScience</i> , <b>2020</b> , 23, 101339	6.1	4
2	Distributed Bragg reflectors from colloidal trilayer flake solutions. <i>APL Photonics</i> , <b>2021</b> , 6, 026104	5.2	3
1	Controlled Interaction of Single Nitrogen Vacancy Centers with Surface Plasmons. <i>Springer Series in Solid-state Sciences</i> , <b>2017</b> , 73-95	0.4	