Esteban Bermdez-Urea

List of Publications by Year in Descending Order

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	Shaping Perovskites: Crystallization Mechanism of Rapid Thermally Annealed, Prepatterned Perovskite Films. *ACS Applied Materials & Interfaces*, **2021**, 13, 6854-6863	9.5	5
20	Distributed Bragg reflectors from colloidal trilayer flake solutions. *APL Photonics*, **2021**, 6, 026104	5.2	3
19	Flash Infrared Pulse Time Control of Perovskite Crystal Nucleation and Growth from Solution. *Crystal Growth and Design*, **2020**, 20, 670-679	3.5	7
18	Structural Diversity with Varying Disorder Enables the Multicolored Display in the Longhorn Beetle Sulawesiella rafaelae. *IScience*, **2020**, 23, 101339	6.1	4
17	Self-Rolled Multilayer Metasurfaces. *ACS Photonics*, **2019**, 6, 2198-2204	6.3	8
16	Polarized Nonlinear Nanoscopy of Metal Nanostructures. *ACS Photonics*, **2017**, 4, 292-301	6.3	8
15	Plasmonic Waveguide-Integrated Nanowire Laser. *Nano Letters*, **2017**, 17, 747-754	11.5	64
14	Controlled Interaction of Single Nitrogen Vacancy Centers with Surface Plasmons. *Springer Series in Solid-state Sciences*, **2017**, 73-95	0.4	
13	Light-Assisted Solvothermal Chemistry Using Plasmonic Nanoparticles. *ACS Omega*, **2016**, 1, 2-8	3.9	39
12	Coupling of individual quantum emitters to channel plasmons. *Nature Communications*, **2015**, 6, 7883	17.4	117
11	Deterministic temperature shaping using plasmonic nanoparticle assemblies. *Nanoscale*, **2014**, 6, 8984-9	7.7	29
10	Photoinduced heating of nanoparticle arrays. *ACS Nano*, **2013**, 7, 6478-88	16.7	251
9	Quantitative absorption spectroscopy of nano-objects. *Physical Review B*, **2012**, 86,	3.3	18
8	Efficient single particle detection with a superconducting nanowire. *AIP Advances*, **2012**, 2, 032124	1.5	8
7	Excitation enhancement of a quantum dot coupled to a plasmonic antenna. *Advanced Materials*, **2012**, 24, OP314-20	24	67
6	Tuning magnetic properties by roll-up of Au/Co/Au films into microtubes. *Applied Physics Letters*, **2009**, 94, 102510	3.4	20
5	Catalytic microtubular jet engines self-propelled by accumulated gas bubbles. *Small*, **2009**, 5, 1688-92	11	548

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4	Fabrication of ferromagnetic rolled-up microtubes for magnetic sensors on fluids. *Journal Physics D: Applied Physics*, **2009**, 42, 055001	3	32
3	Nanopatterned CoPt alloys with perpendicular magnetic anisotropy. *Applied Physics Letters*, **2008**, 93, 153112	3.4	26
2	Versatile Approach for Integrative and Functionalized Tubes by Strain Engineering of Nanomembranes on Polymers. *Advanced Materials*, **2008**, 20, 4085-4090	24	537
1	Ferromagnetic resonance and magnetization in permalloy films with nanostructured antidot arrays of variable size. *Journal of Magnetism and Magnetic Materials*, **2008**, 320, e257-e260	2.8	8