

# Leyre GÃ³mez

## List of Publications by Year in descending order

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33  
papers

1,518  
citations

304743

22  
h-index

395702

33  
g-index

34  
all docs

34  
docs citations

34  
times ranked

3281  
citing authors

#	ARTICLE	IF	CITATIONS
1	Near-infrared-actuated devices for remotely controlled drug delivery. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1349-1354.	7.1	177
2	Color-stable water-dispersed cesium lead halide perovskite nanocrystals. Nanoscale, 2017, 9, 631-636.	5.6	113
3	Energy Transfer between Inorganic Perovskite Nanocrystals. Journal of Physical Chemistry C, 2016, 120, 13310-13315.	3.1	106
4	Efficient carrier multiplication in CsPbI <sub>3</sub> perovskite nanocrystals. Nature Communications, 2018, 9, 4199.	12.8	101
5	Uniform luminescent carbon nanodots prepared by rapid pyrolysis of organic precursors confined within nanoporous templating structures. Carbon, 2017, 117, 437-446.	10.3	91
6	Scaled-up production of plasmonic nanoparticles using microfluidics: from metal precursors to functionalized and sterilized nanoparticles. Lab on A Chip, 2014, 14, 325-332.	6.0	83
7	Direct Observation of Band Structure Modifications in Nanocrystals of CsPbBr <sub>3</sub> Perovskite. Nano Letters, 2016, 16, 7198-7202.	9.1	82
8	Comparative study of the synthesis of silica nanoparticles in micromixer- microreactor and batch reactor systems. Chemical Engineering Journal, 2011, 171, 674-683.	12.7	74
9	Hybridization of Single Nanocrystals of Cs <sub>4</sub> PbBr <sub>6</sub> and CsPbBr <sub>3</sub> . Journal of Physical Chemistry C, 2017, 121, 19490-19496.	3.1	68
10	Magneto-plasmonic nanoparticles as theranostic platforms for magnetic resonance imaging, drug delivery and NIR hyperthermia applications. Nanoscale, 2014, 6, 9230.	5.6	63
11	Laser-driven heterogeneous catalysis: efficient amide formation catalysed by Au/SiO <sub>2</sub> systems. Green Chemistry, 2013, 15, 2043.	9.0	58
12	Optical orientation and alignment of excitons in ensembles of inorganic perovskite nanocrystals. Physical Review B, 2018, 97, .	3.2	51
13	Facile synthesis of SiO <sub>2</sub> -Au nanoshells in a three-stage microfluidic system. Journal of Materials Chemistry, 2012, 22, 21420.	6.7	48
14	Au-PLA nanocomposites for photothermally controlled drug delivery. Journal of Materials Chemistry B, 2014, 2, 409-417.	5.8	48
15	Multiexciton Lifetime in All-Inorganic CsPbBr <sub>3</sub> Perovskite Nanocrystals. Journal of Physical Chemistry C, 2017, 121, 1941-1947.	3.1	46
16	Plasmon-enhanced photocatalytic water purification. Physical Chemistry Chemical Physics, 2014, 16, 15111.	2.8	38
17	Enhancing of plasmonic photothermal therapy through heat-inducible transgene activity. Nanomedicine: Nanotechnology, Biology, and Medicine, 2013, 9, 646-656.	3.3	30
18	Evaluation of gold-decorated halloysite nanotubes as plasmonic photocatalysts. Catalysis Communications, 2014, 56, 115-118.	3.3	27

#	ARTICLE	IF	CITATIONS
19	Extraordinary Interfacial Stitching between Single All-Inorganic Perovskite Nanocrystals. ACS Applied Materials & Interfaces, 2018, 10, 5984-5991.	8.0	27
20	Morphological Tunability of the Plasmonic Response: From Hollow Gold Nanoparticles to Gold Nanorings. Journal of Physical Chemistry C, 2014, 118, 28804-28811.	3.1	26
21	All-Inorganic Perovskite Nanocrystals: Microscopy Insights in Structure and Optical Properties. Advanced Optical Materials, 2018, 6, 1800289.	7.3	24
22	Temporal and spatial patterning of transgene expression by near-infrared irradiation. Biomaterials, 2014, 35, 8134-8143.	11.4	23
23	Oxy-fuel combustion of millimeter-sized coal char: Particle temperatures and NO formation. Fuel, 2013, 106, 72-78.	6.4	19
24	Highly Stable Perovskite Supercrystals via Oil-in-Oil Templating. Nano Letters, 2020, 20, 5997-6004.	9.1	19
25	Stability and biocompatibility of photothermal gold nanorods after lyophilization and sterilization. Materials Research Bulletin, 2013, 48, 4051-4057.	5.2	17
26	Selective delivery of photothermal nanoparticles to tumors using mesenchymal stem cells as Trojan horses. RSC Advances, 2016, 6, 58723-58732.	3.6	16
27	Photon Recycling in CsPbBr <sub>3</sub> All-Inorganic Perovskite Nanocrystals. ACS Photonics, 2021, 8, 3201-3208.	6.6	10
28	Substitutional Doping of Yb <sup>3+</sup> in CsPbBr <sub>3</sub> Cl <sub>3</sub> Nanocrystals. Journal of Physical Chemistry C, 2020, 124, 6413-6417.	3.1	9
29	Bandgap Renormalization in Monolayer MoS <sub>2</sub> on CsPbBr <sub>3</sub> Quantum Dots via Charge Transfer at Room Temperature. Advanced Materials Interfaces, 2020, 7, 2000835.	3.7	8
30	Room temperature synthesis and characterization of novel lead-free double perovskite nanocrystals with a stable and broadband emission. Journal of Materials Chemistry C, 2021, 9, 158-163.	5.5	8
31	Direct Visualization and Determination of the Multiple Exciton Generation Rate. ACS Omega, 2020, 5, 21506-21512.	3.5	4
32	Correction to Microfluidic Synthesis and Biological Evaluation of Photothermal Biodegradable Copper Sulfide Nanoparticles. ACS Applied Materials & Interfaces, 2016, 8, 24982-24982.	8.0	2
33	Measuring the practical particle-in-a-box: orthorhombic perovskite nanocrystals. European Journal of Physics, 2018, 39, 055501.	0.6	2