

Francesca Pietra

List of Publications by Year in descending order

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1723
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Temperature Luminescence Quenching of Colloidal Quantum Dots. ACS Nano, 2012, 6, 9058-9067.	14.6	310
2	Tuning the Lattice Parameter of In _x Zn _y P for Highly Luminescent Lattice-Matched Core/Shell Quantum Dots. ACS Nano, 2016, 10, 4754-4762.	14.6	117
3	Semiconductor Nanorod Self-Assembly at the Liquid/Air Interface Studied by in Situ GISAXS and ex Situ TEM. Nano Letters, 2012, 12, 5515-5523.	9.1	71
4	Reduced Auger Recombination in Single CdSe/CdS Nanorods by One-Dimensional Electron Delocalization. Nano Letters, 2013, 13, 4884-4892.	9.1	70
5	Ga for Zn Cation Exchange Allows for Highly Luminescent and Photostable InZnP-Based Quantum Dots. Chemistry of Materials, 2017, 29, 5192-5199.	6.7	50
6	Synthesis of Highly Luminescent Silica-Coated CdSe/CdS Nanorods. Chemistry of Materials, 2013, 25, 3427-3434.	6.7	49
7	Thermally induced atomic reconstruction of PbSe/CdSe core/shell quantum dots into PbSe/CdSe bi-hemisphere hetero-nanocrystals. Journal of Materials Chemistry, 2011, 21, 11556.	6.7	47
8	Conformal and Atomic Characterization of Ultrathin CdSe Platelets with a Helical Shape. Nano Letters, 2014, 14, 6257-6262.	9.1	46
9	Observation of the Full Exciton and Phonon Fine Structure in CdSe/CdS Dot-in-Rod Heteronanocrystals. ACS Nano, 2014, 8, 5921-5931.	14.6	43
10	Calibrating and Controlling the Quantum Efficiency Distribution of Inhomogeneously Broadened Quantum Rods by Using a Mirror Ball. ACS Nano, 2013, 7, 5984-5992.	14.6	27
11	Self-Assembled CdSe/CdS Nanorod Sheets Studied in the Bulk Suspension by Magnetic Alignment. ACS Nano, 2014, 8, 10486-10495.	14.6	22
12	Method To Incorporate Anisotropic Semiconductor Nanocrystals of All Shapes in an Ultrathin and Uniform Silica Shell. Chemistry of Materials, 2014, 26, 1905-1911.	6.7	17