

# Michelle D Regulacio

## List of Publications by Year in descending order

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36  
papers

2,756  
citations

279798

23  
h-index

345221

36  
g-index

41  
all docs

41  
docs citations

41  
times ranked

4507  
citing authors

#	ARTICLE	IF	CITATIONS
1	Composition-Tunable Alloyed Semiconductor Nanocrystals. <i>Accounts of Chemical Research</i> , 2010, 43, 621-630.	15.6	372
2	Multinary I-III-VI <sub>2</sub> and I <sub>2</sub> -II-IV-VI <sub>4</sub> Semiconductor Nanostructures for Photocatalytic Applications. <i>Accounts of Chemical Research</i> , 2016, 49, 511-519.	15.6	297
3	Self-assembly of colloidal one-dimensional nanocrystals. <i>Chemical Society Reviews</i> , 2014, 43, 2301.	38.1	182
4	Chemical routes to top-down nanofabrication. <i>Chemical Society Reviews</i> , 2013, 42, 6006.	38.1	167
5	Anisotropically branched metal nanostructures. <i>Chemical Society Reviews</i> , 2015, 44, 6001-6017.	38.1	161
6	Luminescence of Ln(III) Dithiocarbamate Complexes (Ln = La, Pr, Sm, Eu, Gd, Tb, Dy). <i>Inorganic Chemistry</i> , 2008, 47, 1512-1523.	4.0	156
7	Aqueous synthesis of highly luminescent AgInS <sub>2</sub> –ZnS quantum dots and their biological applications. <i>Nanoscale</i> , 2013, 5, 2322.	5.6	155
8	Colloidal Nanocrystals of Wurtzite-Type Cu <sub>2</sub> ZnSnS <sub>4</sub> : Facile Noninjection Synthesis and Formation Mechanism. <i>Chemistry - A European Journal</i> , 2012, 18, 3127-3131.	3.3	138
9	Dithiocarbamate Precursors for Rare-Earth Sulfides. <i>Chemistry of Materials</i> , 2005, 17, 3114-3121.	6.7	119
10	One-Pot Synthesis of Cu <sub>1.94</sub> S–CdS and Cu <sub>1.94</sub> S–ZnCdS Nanodisk Heterostructures. <i>Journal of the American Chemical Society</i> , 2011, 133, 2052-2055.	13.7	103
11	Intrinsic properties of stoichiometric LaFePO. <i>Physical Review B</i> , 2008, 78, .	3.2	102
12	An experimental and theoretical investigation of the anisotropic branching in gold nanocrosses. <i>Nanoscale</i> , 2016, 8, 543-552.	5.6	90
13	Magnetic Properties of Lanthanide Chalcogenide Semiconducting Nanoparticles. <i>Journal of the American Chemical Society</i> , 2006, 128, 11173-11179.	13.7	74
14	Size-Dependent Magnetism of EuS Nanoparticles. <i>Chemistry of Materials</i> , 2008, 20, 3368-3376.	6.7	60
15	Alloyed (ZnS) <sub>x</sub> (CuInS <sub>2</sub> ) <sub>1-x</sub> Semiconductor Nanorods: Synthesis, Bandgap Tuning and Photocatalytic Properties. <i>Chemistry - A European Journal</i> , 2012, 18, 11258-11263.	3.3	60
16	Facile noninjection synthesis and photocatalytic properties of wurtzite-phase CuGaS <sub>2</sub> nanocrystals with elongated morphologies. <i>CrystEngComm</i> , 2013, 15, 5214.	2.6	58
17	Designing Nanostructured Metal Chalcogenides as Cathode Materials for Rechargeable Magnesium Batteries. <i>Small</i> , 2021, 17, e2007683.	10.0	52
18	Alloyed ZnS–CuInS <sub>2</sub> Semiconductor Nanorods and Their Nanoscale Heterostructures for Visible-Light-Driven Photocatalytic Hydrogen Generation. <i>Chemistry - A European Journal</i> , 2015, 21, 9514-9519.	3.3	47

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19	Colloidal synthesis and photocatalytic properties of orthorhombic AgGaS <sub>2</sub> nanocrystals. Chemical Communications, 2014, 50, 7128.	4.1	45
20	Colloidal nanocrystals of orthorhombic Cu <sub>2</sub> ZnGeS <sub>4</sub> : phase-controlled synthesis, formation mechanism and photocatalytic behavior. Nanoscale, 2015, 7, 3247-3253.	5.6	42
21	Tailoring Porosity in Copper-Based Multinary Sulfide Nanostructures for Energy, Biomedical, Catalytic, and Sensing Applications. ACS Applied Nano Materials, 2018, 1, 3042-3062.	5.0	40
22	Gold-decorated TiO <sub>2</sub> nanofibrous hybrid for improved solar-driven photocatalytic pollutant degradation. Chemosphere, 2021, 265, 129114.	8.2	37
23	Thermolysis of lanthanide dithiocarbamate complexes. Journal of Solid State Chemistry, 2010, 183, 52-56.	2.9	25
24	Controllable Synthesis of Bimetallic Nanostructures Using Biogenic Reagents: A Green Perspective. ACS Omega, 2021, 6, 7212-7228.	3.5	25
25	Solar-Powered Photodegradation of Pollutant Dyes Using Silver-Embedded Porous TiO <sub>2</sub> Nanofibers. Nanomaterials, 2021, 11, 856.	4.1	25
26	Preparation, Functionality, and Application of Metal Oxide-coated Noble Metal Nanoparticles. Chemical Record, 2016, 16, 1965-1990.	5.8	22
27	Rapid Copper Metallization of Textile Materials: a Controlled Two-Step Route to Achieve User-Defined Patterns under Ambient Conditions. ACS Applied Materials & Interfaces, 2015, 7, 21545-21551.	8.0	21
28	Dual Plasmonic Au <sub>2</sub> S Nanocomposites: Design Strategies and Photothermal Properties. Chemistry - A European Journal, 2021, 27, 11030-11040.	3.3	19
29	Facile solvothermal approach to pristine tetrahedrite nanostructures with unique multiply-voided morphology. Nanoscale, 2017, 9, 17865-17876.	5.6	14
30	Toward greener methods of producing branched metal nanostructures. CrystEngComm, 2020, 22, 399-411.	2.6	14
31	Fabricating Dual-Functional Plasmonic-Magnetic Au@MgFe <sub>2</sub> O <sub>4</sub> Nanohybrids for Photothermal Therapy and Magnetic Resonance Imaging. ACS Omega, 2022, 7, 2031-2040.	3.5	12
32	Rational Design and Synthesis of Ag <sub>2</sub> O Nanocomposites for SERS Detection, Catalysis, and Antibacterial Applications. ChemNanoMat, 2022, 8, .	2.8	8
33	COLLOIDAL PREPARATION OF MONODISPERSE NANOCRYSTALS. Journal of Molecular and Engineering Materials, 2014, 02, 1430001.	1.8	6
34	Selective formation of ternary CuGeS nanostructures in solution. CrystEngComm, 2018, 20, 6803-6810.	2.6	5
35	Gram-scale Production of Photothermally Active Tetrahedrite Nanoparticles for Solar-Driven Water Evaporation. Chemistry - an Asian Journal, 2021, 16, 3326-3330.	3.3	2
36	Frontispiece: Dual Plasmonic Au <sub>2</sub> S Nanocomposites: Design Strategies and Photothermal Properties. Chemistry - A European Journal, 2021, 27, .	3.3	0