

# Armen Shamirian

## List of Publications by Year in descending order

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11  
papers

289  
citations

1040056  
9  
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1281871  
11  
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11  
all docs

11  
docs citations

11  
times ranked

664  
citing authors

#	ARTICLE	IF	CITATIONS
1	QD-Based FRET Probes at a Glance. <i>Sensors</i> , 2015, 15, 13028-13051.	3.8	52
2	Ratiometric QD-FRET Sensing of Aqueous H <sub>2</sub> S in Vitro. <i>Analytical Chemistry</i> , 2016, 88, 6050-6056.	6.5	47
3	Bright Type II Quantum Dots. <i>Chemistry of Materials</i> , 2015, 27, 7276-7281.	6.7	41
4	A toolkit for bioimaging using near-infrared AgInS <sub>2</sub> /ZnS quantum dots. <i>Journal of Materials Chemistry B</i> , 2015, 3, 8188-8196.	5.8	34
5	In Vitro Detection of Hypoxia Using a Ratiometric Quantum Dot-Based Oxygen Sensor. <i>ACS Sensors</i> , 2016, 1, 1244-1250.	7.8	33
6	Arsenic Silylamide: An Effective Precursor for Arsenide Semiconductor Nanocrystal Synthesis. <i>Chemistry of Materials</i> , 2016, 28, 4058-4064.	6.7	20
7	Monolayer Silane-Coated, Water-Soluble Quantum Dots. <i>Small</i> , 2015, 11, 6091-6096.	10.0	19
8	Synthesis, characterization and photocatalytic properties of nanoparticles CuAl <sub>2</sub> O <sub>4</sub> by Pechini method using Taguchi statistical design. <i>Journal of Sol-Gel Science and Technology</i> , 2011, 58, 557-563.	2.4	15
9	Synthesis, Characterization, and Optimization of Co <sub>2</sub> SnO <sub>4</sub> Nanoparticles via Co-precipitation Method. <i>Journal of Materials Engineering and Performance</i> , 2013, 22, 306-311.	2.5	15
10	Synthesis of High-Quality AgSbSe <sub>2</sub> and AgBiSe <sub>2</sub> Nanocrystals with Antimony and Bismuth Silylamide Reagents. <i>Chemistry of Materials</i> , 2017, 29, 4597-4602.	6.7	10
11	Anomalous Perturbation of the O <sub>2</sub> Sensitivity of Poly(aromatic) Hydrocarbons by Magnetic Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2017, 121, 4060-4065.	3.1	3