

Davit Jishkariani

List of Publications by Year in descending order

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papers

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914
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#	ARTICLE	IF	CITATIONS
1	General Synthetic Route to High-Quality Colloidal III-V Semiconductor Quantum Dots Based on Pnictogen Chlorides. <i>Journal of the American Chemical Society</i> , 2019, 141, 15145-15152.	13.7	54
2	Dendron-Mediated Engineering of Interparticle Separation and Self-Assembly in Dendronized Gold Nanoparticles Superlattices. <i>Journal of the American Chemical Society</i> , 2015, 137, 10728-10734.	13.7	51
3	Quantifying "Softness" of Organic Coatings on Gold Nanoparticles Using Correlated Small-Angle X-ray and Neutron Scattering. <i>Nano Letters</i> , 2015, 15, 8008-8012.	9.1	47
4	Preparation and Self-Assembly of Dendronized Janus Fe ₃ O ₄ -Pt and Fe ₃ O ₄ -Au Heterodimers. <i>ACS Nano</i> , 2017, 11, 7958-7966.	14.6	46
5	Design, Self-Assembly, and Switchable Wettability in Hydrophobic, Hydrophilic, and Janus Dendritic Ligand-Gold Nanoparticle Hybrid Materials. <i>Chemistry of Materials</i> , 2017, 29, 8737-8746.	6.7	40
6	Tuning the Electrocatalytic Oxygen Reduction Reaction Activity of Pt-Co Nanocrystals by Cobalt Concentration with Atomic-Scale Understanding. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26789-26797.	8.0	40
7	Nanocrystal Core Size and Shape Substitutional Doping and Underlying Crystalline Order in Nanocrystal Superlattices. <i>ACS Nano</i> , 2019, 13, 5712-5719.	14.6	30
8	Convenient Synthesis of Ibuprofen and Naproxen Aminoacyl, Dipeptidoyl and Ester Derivatives. <i>Chemical Biology and Drug Design</i> , 2009, 73, 618-626.	3.2	27
9	Self-interrupted synthesis of sterically hindered aliphatic polyamide dendrimers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2275-E2284.	7.1	25
10	Polycatenar Ligand Control of the Synthesis and Self-Assembly of Colloidal Nanocrystals. <i>Journal of the American Chemical Society</i> , 2016, 138, 10508-10515.	13.7	22
11	Carbene-Mediated Transformations of 1-(Benzylideneamino)benzimidazoles. <i>Journal of Organic Chemistry</i> , 2011, 76, 4082-4087.	3.2	20
12	Dendronization-induced phase-transfer, stabilization and self-assembly of large colloidal Au nanoparticles. <i>Nanoscale</i> , 2016, 8, 13192-13198.	5.6	17
13	3D Nanofabrication via Chemo-Mechanical Transformation of Nanocrystal/Bulk Heterostructures. <i>Advanced Materials</i> , 2018, 30, e1800233.	21.0	15
14	Cu(I)-Catalyzed Regioselective Synthesis of Pyrazolo[5,1- <i>c</i>]-1,2,4-triazoles. <i>Journal of Organic Chemistry</i> , 2012, 77, 5813-5818.	3.2	14
15	Push-Pull Triazenes Derived from 1-(Benzylideneamino)- and 1-(Sulfonimido)-azolylidenes. <i>Journal of Organic Chemistry</i> , 2013, 78, 3349-3354.	3.2	14
16	Synthesis and Direct C2 Functionalization of Imidazolium and 1,2,4-Triazolium N-Imides. <i>Journal of Organic Chemistry</i> , 2014, 79, 10593-10598.	3.2	12
17	The dendritic effect and magnetic permeability in dendron coated nickel and manganese zinc ferrite nanoparticles. <i>Nanoscale</i> , 2017, 9, 13922-13928.	5.6	9
18	A semi-combinatorial approach for investigating polycatenar ligand-controlled synthesis of rare-earth fluoride nanocrystals. <i>Nanoscale</i> , 2017, 9, 8107-8112.	5.6	5

#	ARTICLE	IF	CITATIONS
19	Synthesis of Heterocyclic Ylids as Candidates for Energetic Materials. <i>Journal of Energetic Materials</i> , 2014, 32, 227-237.	2.0	4
20	Differential Potency of 2,6-Dimethylcyclohexanol Isomers for Positive Modulation of GABAA Receptor Currents. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 357, 570-579.	2.5	4
21	Thermal fragmentation of spirodithiohydantoin: A novel route to NHCs. <i>RSC Advances</i> , 2013, 3, 1669-1672.	3.6	3