

Julian Schneider

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

1,558
citations

17
h-index

31
g-index

31
ext. papers

1,899
ext. citations

7.9
avg, IF

4.89
L-index

#	Paper	IF	Citations
29	Composite Nanospheres Comprising Luminescent Carbon Dots Incorporated into a Polyhedral Oligomeric Silsesquioxane Matrix. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 15094-15102	3.8	1
28	Formulation of a Composite System of Liquid Crystals and Light-Emitting Semiconductor Quantum Rods: From Assemblies in Solution to Photoaligned Films. <i>Advanced Materials Technologies</i> , 2019 , 4, 1900695	6.8	10
27	Chemically Synthesized Carbon Nanorods with Dual Polarized Emission. <i>ACS Nano</i> , 2019 , 13, 12024-12031	16.7	17
26	32-2: Surface Ligands Optimization of Semiconductor CdSe/CdS Nanorods Aligned in Liquid Crystal Polymer Matrix. <i>Digest of Technical Papers SID International Symposium</i> , 2019 , 50, 447-449	0.5	
25	Luminescent Down-Conversion Semiconductor Quantum Dots and Aligned Quantum Rods for Liquid Crystal Displays. <i>Advanced Science</i> , 2019 , 6, 1901345	13.6	45
24	40.4: Photo-Induced Continuous Alignment of Semiconductor Quantum Rods. <i>Digest of Technical Papers SID International Symposium</i> , 2019 , 50, 452-452	0.5	
23	Ligand Shell Engineering to Achieve Optimal Photoalignment of Semiconductor Quantum Rods for Liquid Crystal Displays. <i>Advanced Functional Materials</i> , 2019 , 29, 1805094	15.6	20
22	Enhancement of the Fluorescence Quantum Yield of Thiol-Stabilized CdTe Quantum Dots Through Surface Passivation with Sodium Chloride and Bicarbonate. <i>Zeitschrift Fur Physikalische Chemie</i> , 2018 , 232, 1399-1412	3.1	2
21	A Building Brick Principle to Create Transparent Composite Films with Multicolor Emission and Self-Healing Function. <i>Small</i> , 2018 , 14, e1800315	11	15
20	Aqueous-Based Cadmium Telluride Quantum Dot/Polyurethane/Polyhedral Oligomeric Silsesquioxane Composites for Color Enhancement in Display Backlights. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 13391-13398	3.8	11
19	Optically Addressable Photoaligned Semiconductor Nanorods in Thin Liquid Crystal Films for Display Applications. <i>Advanced Optical Materials</i> , 2018 , 6, 1800250	8.1	22
18	Influence of molecular fluorophores on the research field of chemically synthesized carbon dots. <i>Nano Today</i> , 2018 , 23, 124-139	17.9	119
17	P-124: Photo Emissive Nanorods Display. <i>Digest of Technical Papers SID International Symposium</i> , 2018 , 49, 1674-1676	0.5	
16	Hexagonal Zn _{1-x} Cd _x S (0.2 ≤ x ≤ 1) solid solution photocatalysts for H ₂ generation from water. <i>Catalysis Science and Technology</i> , 2017 , 7, 982-987	5.5	38
15	Photoinduced Micropattern Alignment of Semiconductor Nanorods with Polarized Emission in a Liquid Crystal Polymer Matrix. <i>Nano Letters</i> , 2017 , 17, 3133-3138	11.5	49
14	41-4: Microscale Pattern Polarized Emission from Semiconductor Nanorods by Photo-Induced Alignment Technology. <i>Digest of Technical Papers SID International Symposium</i> , 2017 , 48, 589-591	0.5	1
13	Top-Down Fabrication of Stable Methylammonium Lead Halide Perovskite Nanocrystals by Employing a Mixture of Ligands as Coordinating Solvents. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9571-9576	16.4	84

12	Top-Down Fabrication of Stable Methylammonium Lead Halide Perovskite Nanocrystals by Employing a Mixture of Ligands as Coordinating Solvents. <i>Angewandte Chemie</i> , 2017 , 129, 9699-9704	3.6	26
11	Incorporating Copper Nanoclusters into Metal-Organic Frameworks: Confinement-Assisted Emission Enhancement and Application for Trinitrotoluene Detection. <i>Particle and Particle Systems Characterization</i> , 2017 , 34, 1700029	3.1	19
10	Molecular Fluorescence in Citric Acid-Based Carbon Dots. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 20143-20223	3.3	33
9	Carbonization conditions influence the emission characteristics and the stability against photobleaching of nitrogen doped carbon dots. <i>Nanoscale</i> , 2017 , 9, 11730-11738	7.7	66
8	Aggregated Molecular Fluorophores in the Ammonothermal Synthesis of Carbon Dots. <i>Chemistry of Materials</i> , 2017 , 29, 10352-10361	9.6	85
7	Tracking the Source of Carbon Dot Photoluminescence: Aromatic Domains versus Molecular Fluorophores. <i>Nano Letters</i> , 2017 , 17, 7710-7716	11.5	160
6	Photoaligned Nanorod Enhancement Films with Polarized Emission for Liquid-Crystal-Display Applications. <i>Advanced Materials</i> , 2017 , 29, 1701091	24	99
5	44-4L: Late-News Paper: Photo-Aligned Quantum Rod Dispersed Liquid Crystal Polymer Films. <i>Digest of Technical Papers SID International Symposium</i> , 2016 , 47, 602-604	0.5	7
4	Luminescent colloidal carbon dots: optical properties and effects of doping [Invited]. <i>Optics Express</i> , 2016 , 24, A312-40	3.3	186
3	Combination of Photoinduced Alignment and Self-Assembly to Realize Polarized Emission from Ordered Semiconductor Nanorods. <i>ACS Nano</i> , 2015 , 9, 11049-55	16.7	55
2	Colloidal hybrid heterostructures based on II-VI semiconductor nanocrystals for photocatalytic hydrogen generation. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2014 , 19, 52-61	16.4	60
1	Enhanced hydrogen evolution rates at high pH with a colloidal cadmium sulphide/platinum hybrid system. <i>APL Materials</i> , 2014 , 2, 126102	5.7	7